

Professional Audio Catalog

Portable PA

Recording & Broadcast

Installed Sound

Tour Sound





AKG – A legendary brand

Since **60 years AKG** has been a pioneer in leading microphone, headphone and wireless technology and has become one of the most famous brands in the industry.

Founded in **1947** in Vienna, Austria, by Dr. Görike and Ing. Ernst Pless the company was originally set up to manufacture products for the cinema industry. Soon after the need for quality microphones was realized and resulted in the launch of the now famous **DYN series** – AKG's first range of handcrafted dynamic microphones.

1953 marked the birth of another legend, the **C 12**: The first large diaphragm condenser microphone from AKG with remote controlled polar patterns. The C 12 quickly became a recognized studio standard. The team at AKG became famous for always pushing the limits of engineering. The capsule of the C 12 was a masterpiece in itself but also a symbol for the continuous drive towards perfection, which still prevails today as one of the key company missions.

Over the years AKG has developed a global reputation for performance, quality and reliability, which supported the development of industry icons such as the **D 12**, the renowned two-way microphones **D 224** and **D 202**, the **D 45 B**, the **C 12 A** and many others. The technology presented with the launch of the **C 414 EB** in **1971** changed some of the paradigms in recording microphones. In the late **1960s** and **1970s** the company achieved a leading position in the development and manufacture of reverberation and time-delay units with the introduction of the **BX 20** in **1971**, the **BX 15** and the **TDU 7202** in **1973**.

The **1000th** patent of AKG was registered in **1974** and in the same year the **K 140** headphones were launched as a predecessor of the famous **K 240s**, which were first shown in **1975**. The K 240 headphones have since become the reference for a large community of recording studios and HiFi enthusiasts. These products were closely followed by other headphone icons such as the **K 340**, the **K 280** and eventually the top of the range **K 1000**.

The first **wireless products** were developed in the late **1980s** and symbolized another important move forward in merging wireless technology and acoustic expertise to come up with premium audio solution for a quickly evolving market.

In the later years of his life Dr. Görike once commented "I always look ahead to the future". A statement, which embodied his enterprising spirit and still prevails as a mission for AKG today.

In **1993** AKG was incorporated into **Harman International** and found congenial partners in technology, marketing and distribution.

Today AKG has its global development, manufacturing and distribution operation still based in Vienna, Austria. AKG products are used all over the world and are renowned for premium audio technology and outstanding design. This is more evident than ever in the latest products such as the visionary **C 5/D 5** microphones and the award-winning **K 701** headphones.

As a member of the **Harman Pro Group** AKG will continue to set new standards in audio networking through the industry-leading **HiQnet™** initiative.

The **passion driving AKG** for 60 years will keep on inspiring new technologies and products for the benefit and the enjoyment of our customers.



www.akg.com

H A Harman International Company





Recording

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Installed

Microphones

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Perception

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Recording Microphones

AKG – a brand that has built an enviable world-wide reputation for performance, dependability and service. A microphone for every requirement – television studios, motion-picture production centers, theaters, stadiums, concert halls, opera houses, communication links, schools, home tape recorders. The personal choice of hundreds of performers.



LIMITED
EDITION
60 YEARS
AKG PREMIUM AUDIO



1962

C 12 A:

The forerunner of the now classic C 414 design with a miniature Nuvistor tube.

1971

C 414 comb:

The first model with the now famous 414 name featuring a solid state electronic design.

1976

C 414 EB:

New edition of the C 414 with a new global standard integrated XLR connector.

1980

C 414 EB-P 48:

Optimized sensitivity and headroom through standardisation on 48 V phantom power.

1986

C 414 B-ULS:

Maximum signal linearity achieved through AKG proprietary electronic circuitry.

1993

C 414 B-TL II

Newly developed capsule with the sonic signature of the original C 12 capsule for more presence. Transformerless output stage.

2004

C 414 B-XLS/XL II:

Two new models based on the unique C 414 heritage and the feature requirements of a new generation.

2006

C 414 LTD:

A limited edition of the C 414 B-XLS using a minimum tolerance hand selection process. With this reference recording microphone AKG is proud to celebrate the 60th anniversary as a premium audio manufacturer.

Recording

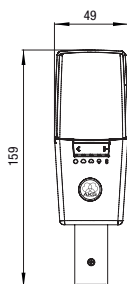
Concert hall

Strings

Brass

Limited 60 Years Edition

- Large-diaphragm reference recording microphone
- Five switchable polar patterns for placement and application flexibility
- Two color LEDs provide quick visual indication of selected polar pattern and output overload
- Transformerless output stage for distortion-free low-frequency reproduction
- Handselected components for optimum sonic performance and minimum tolerances



C 414 LTD

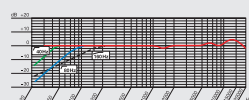


AKG is proud to present a **limited special edition** of a **legendary microphone**. In its classic nickel-and-brass finish, this special version is a tribute to one of the most famous microphones in the recording world, manufactured only in the anniversary year 2007. The C 414 LTD presents itself with carefully selected components and sophisticated engineering details to ensure **superior audio** for the most demanding creative challenges. Five selectable polar patterns, high sensitivity, and extremely low self-noise add up to unparalleled flexibility and immaculate recorded sound. A set of **dedicated accessories** supplied exclusively with this special version completes this limited edition.

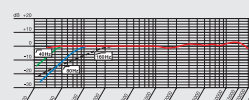
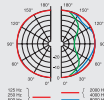
Limited edition black soundtool case, windscreen, luxury spider suspension. Pop Filter. Certificate.

Item number:

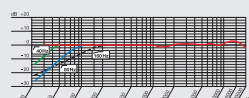
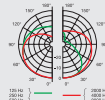
C 414 LTD 3059 Z 0010



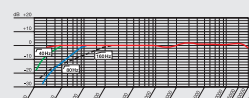
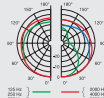
C 414 LTD: omnidirectional



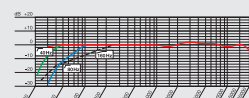
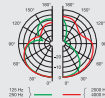
C 414 LTD: cardioid



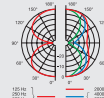
C 414 LTD: wide cardioid



C 414 LTD: hypercardioid



C 414 LTD: figure-eight



H 85 LTD



PF 80



W 414 LTD

- **Polar pattern:** omnidirectional, wide cardioid, cardioid, hypercardioid, figure eight
- **Frequency range:** 20 to 20,000 Hz (see frequency response traces)
- **Sensitivity:** 23 mV/Pa (-33 dBV) \pm 0.5 dB
- **Max. SPL for 0.5% THD:** 200/400/800/1600 Pa = 140/146/152/158 dB (0/-6/-12/-18 dB)
- **Equivalent noise level (IEC 60268-4):** 6 dB-A (0 dB preattenuation)
- **Signal/noise ratio (A-weighted):** 88 dB
- **Preattenuation pad:** -6 dB, -12 dB, -18 dB, switchable
- **Bass cut filter slope:** 12 dB/octave at 40 Hz and 80 Hz; 6 dB/octave at 160 Hz
- **Electrical impedance:** \leq 200 ohms
- **Recommended load impedance:** \geq 2,200 ohms

- **Powering:** 48 V phantom power to DIN/IEC
- **Current consumption:** approximately 4.5 mA
- **Connector:** 3-pin XLR to IEC
- **Finish:** nickel/brass
- **Dimensions:** 50 x 38 x 160 mm (2.0 x 1.5 x 6.3 in.)
- **Net weight:** 300 g (10.6 oz.)
- **Standard accessories:** H 85 LTD, PF 80, Limited Edition Black Soundtool Case, W 414 LTD
- **Optional accessories:** H 50

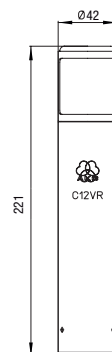
Recording

Vocals

Strings

Brass

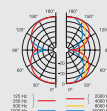
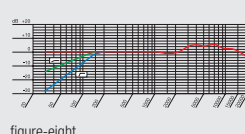
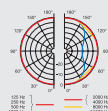
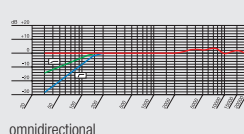
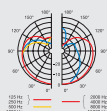
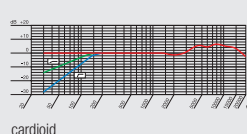
- Recreates the performance of the legendary C 12 microphone
- A special edge-terminated dual-large-diaphragm AKG transducer
- Nine remotely-selectable pickup patterns from omni to figure-eight
- Comes complete with all accessories and all-metal carrying case



C 12 VR

The **C 12 VR** is a perfect **reincarnation of the legendary C 12** microphone including its famous “voice-friendly” sound. True to the original design, the mic uses the same 6072A dual-triode tube, hand-selected for the lowest noise and optimum sonic characteristics. **The sound of the C 12 VR can be described as the perfect blend of warmth, clarity and presence.** The C 12 VR comes complete with windscreen, all-metal shock-mount, power supply/remote control unit, connecting cable and individually-measured response graphs.

Item number:
C 12 VR 2221Z0004



• Polar pattern:	cardioid, omnidirectional, figure-eight, and 6 intermediate positions, remotely selectable
• Frequency range:	30 to 20,000 Hz
• Sensitivity:	10 mV/Pa (-40 dBV); 10-dB increase, selectable by internal switch
• Max. SPL for 3% THD:	128/138/148 dB
• Equivalent noise level (IEC 60268-4):	22 dB-A
• Signal/noise ratio (A-weighted):	72 dB
• Preattenuation pad:	10 dB, 20 dB, selectable
• Bass rolloff filter:	6 dB/octave at 100 Hz, 12 dB/octave at 130 Hz

• Impedance:	<200 ohms
• Recommended load impedance:	≥1,000 ohms
• Powering:	from supplied N 12 VR power supply
• Current consumption:	from supplied N 12 VR power supply
• Connector:	12-pin DIN
• Cable:	10 m (33 ft.)
• Finish:	green/gold
• Dimensions:	42 dia. x 225 mm (1.7 dia. x 8.9 in.)
• Net/shipping weight:	680 g (24 oz.)/4.5 kg (9.9 lbs.)
• Standard accessories:	H 15/T, MK-Tube, N 12 VR, W 42
• Optional accessories:	PF 80

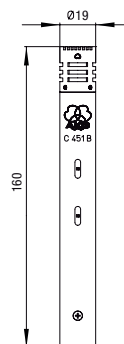
Recording

Percussions

Lectern

Drums

- Identical acoustics to the legendary C 451 EB + CK1
- Accurate, ruler-flat on-axis response with life-like transient response
- Transformerless output circuit delivers wide dynamic range and loss-free low-end response
- Separate 3-position pre-attenuation pad and bass roll-off switch
- Also available as factory-matched stereo pairs complete with accessories and metal "Sound Tools Case"



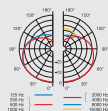
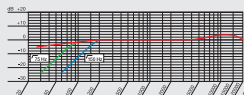
C 451 B

C 451 ST

Responding to growing demand, AKG has recreated the sonic performance of the legendary C 451 EB + CK 1 combination in a modern new microphone. The new C 451 B has **dramatically improved specifications and reliability**. The new non-modular microphone has an extremely light diaphragm for insensitivity to handling noise, and still retains the incredible transient response of the original. The **nickel-plated, all-metal chassis** is attractive and provides excellent protection from RF interference and the rigors of handling. The C 451 B transformerless output section ensures it is an excellent tool for capturing transient-rich signals such as drums, percussion and acoustic guitar.

Item numbers:

C 451 B	2895Z0001
C 451 B/ST	2895Z0021 (Matched stereo pair)



cardioid

• Polar pattern:	cardioid
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	9 mV/Pa (-41 dBV)
• Max. SPL for 0.5% THD:	135/145/155 dB (0/-10/-20 dB)
• Equivalent noise level (IEC 60268-4):	18 dB-A
• Signal/noise ratio (A-weighted):	76 dB
• Preattenuation pad:	0 dB, 10 dB, 20 dB selectable
• Bass cut filter:	flat, 12 dB/octave at 75 or 150 Hz, selectable
• Impedance:	≤200 ohms
• Recommended load impedance:	≥1,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596

• Current consumption:	≤2 mA
• Connector:	3-pin XLR
• Finish:	satin nickel plated
• Dimensions:	19 dia. x 160 mm (0.75 dia. x 6.3 in.)
• Net/shipping weight:	125 g (4.4 oz.)/760 g (1.7 lbs.)
• Standard accessories:	SA 60, Sound Tool Case, W 90
• Optional accessories:	B 18, H 30, H 50, H 85, H 300, PF 80, ST 305, W 32

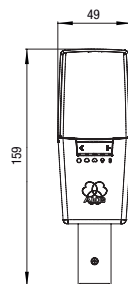
Recording

Concert hall

Strings

Brass

- Classic large-diaphragm reference microphone
- Five switchable polar patterns for placement and application flexibility
- Two color LEDs provide quick visual indication of selected polar pattern and output overload
- Transformerless output stage for distortion-free low-frequency reproduction
- Also available as a factory-matched stereo pair

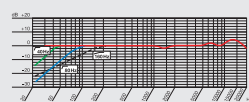


C 414 B-XLS

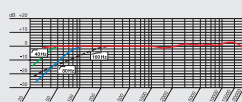
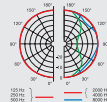
With the introduction of the “NeXt Generation” C 414 B-XL models, AKG sets new benchmarks for useful features, improved technical specifications, ease of use and available accessories. All of these improvements are answers to requests from ever-demanding recording studios, broadcast stations and concert engineers, **but with the basic sonic character of the legendary C 414 unaltered.** It is the microphone of choice for miking up vocals, grand pianos, percussions, and other sound sources with complex waveforms. **Five selectable polar patterns** allow the microphone to be used for every recording technique and **three bass cut filters** suppress low-frequency noise. Extremely low self noise and high headroom result in a **dynamic range of 134 dB** – wider than that of digital recording equipment. Complete with spider-type suspension, windscreen, professional pop filter, and individual frequency response printout.

Item numbers:

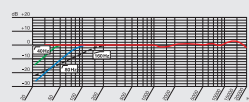
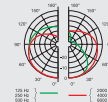
C 414 B-XLS 3059Z0001



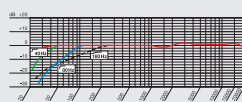
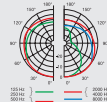
C 414 B-XLS: omnidirectional



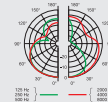
C 414 B-XLS: cardioid



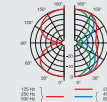
C 414 B-XLS: wide cardioid



C 414 B-XLS: hypercardioid



C 414 B-XLS: figure-eight



- **Polar pattern:** omnidirectional, wide cardioid, cardioid, hypercardioid, figure eight
- **Frequency range:** 20 to 20,000 Hz (see frequency response traces)
- **Sensitivity:** 23 mV/Pa (-33 dBV) ± 0.5 dB
- **Max. SPL for 0.5% THD:** 200/400/800/1600 Pa = 140/146/152/158 dB (0/-6/-12/-18 dB)
- **Equivalent noise level (IEC 60268-4):** 6 dB-A (0 dB preattenuation)
- **Signal/noise ratio (A-weighted):** 88 dB
- **Preattenuation pad:** -6 dB, -12 dB, -18 dB, switchable
- **Bass cut filter slope:** 12 dB/octave at 40 Hz and 80 Hz; 6 dB/octave at 160 Hz
- **Electrical impedance:** ≤200 ohms
- **Recommended load impedance:** ≥2,200 ohms

- **Powering:** 48 V phantom power to DIN/IEC
- **Current consumption:** approximately 4.5 mA
- **Connector:** 3-pin XLR to IEC
- **Finish:** dark grey/silver
- **Dimensions:** 50 x 38 x 160 mm (2.0 x 1.5 x 6.3 in.)
- **Net weight:** 300 g (10.6 oz.)
- **Standard accessories:** H 85, PF 80, Soundtool Case, W 414 X
- **Optional accessories:** H 50, ST 305

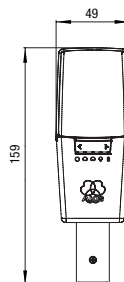
Recording

Vocals

Radio/on air

Brass

- Large-diaphragm vocal microphone with C 12 capsule replica
- All electrical features and specifications are identical to the C 414 B-XLS
- Transformerless output stage for distortion-free low-frequency reproduction
- Also available as a factory-matched stereo pair
- Complete with full range of accessories in a hard-shell carrying case



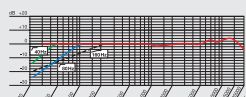
C 414 B-XL II

AKG combined the best of classic and present-day technologies, the legendary C 12 transducer capsule and advanced transformerless FET circuitry. The -XL II version differs from the -XLS in one major respect: The transducer provides a similar sound as the popular C 12. Its frequency response above 4 kHz is the same as that of the classic C 12 with a slight high-frequency boost. Below 4 kHz, however, the C 414 B-XL II has an absolutely flat response.

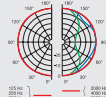
This version of the C 414 is the preferred tool for miking up vocals and distant miking, e.g., of classical music. It provides the same preattenuation pads and bass cut filters as the C 414 B-XLS and comes complete with windscreen, spider-type suspension, professional pop filter, and individual frequency response printout.

Item numbers:

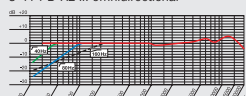
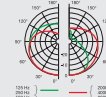
C 414 B-XL II 3059Z0002



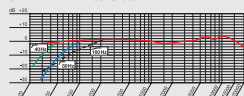
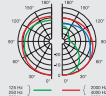
C 414 B-XL II: omnidirectional



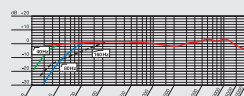
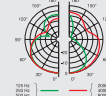
C 414 B-XL II: cardioid



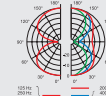
C 414 B-XL II: wide cardioid



C 414 B-XL II: hypercardioid



C 414 B-XL II: figure-eight

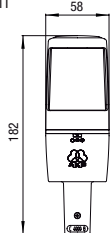


- **Polar pattern:** omnidirectional, wide cardioid, cardioid, hypercardioid, figure eight
- **Frequency range:** 20 to 20,000 Hz (see frequency response traces)
- **Sensitivity:** 23 mV/Pa (-33 dBV) ± 0.5 dB
- **Max. SPL for 0.5% THD:** 200/400/800/1600 Pa = 140/146/152/158 dB (0/-6/-12/-18 dB)
- **Equivalent noise level (IEC 60268-4):** 6 dB-A (0 dB preattenuation)
- **Signal/noise ratio (A-weighted):** 88 dB
- **Preattenuation pad:** -6 dB, -12 dB, -18 dB, switchable
- **Bass cut filter slope:** 12 dB/octave at 40 Hz and 80 Hz; 6 dB/octave at 160 Hz
- **Electrical impedance:** ≤200 ohms
- **Recommended load impedance:** ≥2,200 ohms

- **Powering:** 48 V phantom power to DIN/IEC
- **Current consumption:** approximately 4.5 mA
- **Connector:** 3-pin XLR to IEC
- **Finish:** dark grey/gold
- **Dimensions:** 50 x 38 x 160 mm (2.0 x 1.5 x 6.3 in.)
- **Net weight:** 300 g (10.6 oz.)
- **Standard accessories:** H 85, PF 80, Soundtool Case, W 414 X
- **Optional accessories:** H 50, ST 305

Recording Vocals Concert hall Strings

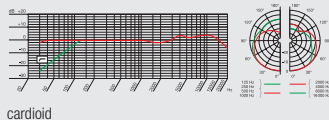
- One of the most silent condenser microphones available today
- Up front sound in the mix
- Selectable cardioid, hypercardioid and omnidirectional polar patterns for every recording situation
- Handles extremely high SPLs up to 155 dB
- Complete with accessories in "Sound Tool Case"



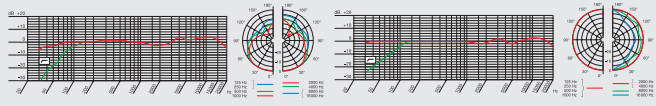
C 4000 B

The genuine **1-inch dual-diaphragm** condenser transducer with **selectable cardioid, omnidirectional and hypercardioid polar patterns** will enchant you with its unique state-of-the-art sound. Designed for miking up vocals, brass, acoustic and electric guitar and kick drum, the **C 4000 B** can handle every recording situation. Exceptionally high headroom and **extremely low self noise** put the C 4000 B among the condenser microphones with the **widest dynamic range** available today and it will give equally excellent results in the **studio** and on **stage**.

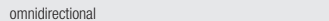
Item number:
C 4000 B 2820Z0011



cardioid



hypercardioid

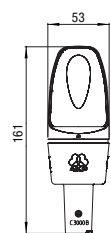


omnidirectional

• Polar pattern:	omnidirectional, cardioid, hypercardioid
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	25 mV/Pa (-32 dBV)
• Max. SPL for 0.5% THD:	145/155 dB
• Equivalent noise level (IEC 60268-4):	8 dB-A
• Signal/noise ratio (A-weighted):	86 dB
• Preamplification pad:	10 dB, switchable
• Bass cut filter:	12 dB/octave at 100 Hz
• Impedance:	≤200 ohms
• Recommended load impedance:	≥1,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	≤2 mA
• Connector:	3-pin XLR
• Finish:	silver grey
• Dimensions:	58 dia. x 183 mm (2.3 dia. x 7.2 in.)
• Net/shipping weight:	450 g (1 lb.)/1 kg (2.2 lbs.)
• Standard accessories:	H 85, Sound Tool Case, W 4000
• Optional accessories:	B 18, PF 80, SA 61, ST 305

Recording Vocals Brass Drums

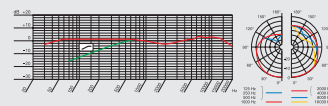
- Highly affordable AKG large-diaphragm microphone technology
- Cardioid polar pattern for multiplicity of vocal and instrument applications
- Outstanding price/performance
- Ideal for project and home studio recording
- Complete with accessories in "Sound Tool Case"



C 3000 B

For the new **C 3000 B**, AKG designed a special **1-inch large-diaphragm transducer** that closely approximates the vibration performance of top-class studio microphones, but can be made at much lower cost. Due to its surface area and special capsule tuning, the C 3000 B **large-diaphragm transducer** produces an **exceptionally pleasing, smooth sound**. Unlike in the C 3000, the **switchable 10-dB preattenuation pad** immediately follows the transducer in the signal path, thus increasing the C 3000 B's SPL capability by a true 10 dB. Loud sound sources are therefore no problem. An acoustically optimized **cardioid polar pattern** makes the C 3000 B an excellent choice for both **recording** and **live sound** applications where high gain before feedback is paramount.

Item number:
C 3000 B 2785Z0011

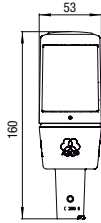


cardioid

• Polar pattern:	cardioid
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	25 mV/Pa (-32 dBV)
• Max. SPL for 0.5% THD:	140/150 dB
• Equivalent noise level (IEC 60268-4):	14 dB-A
• Signal/noise ratio (A-weighted):	80 dB
• Preamplification pad:	10 dB, switchable
• Bass cut filter:	6 dB/octave below 500 Hz
• Impedance:	≤200 ohms
• Recommended load impedance:	≥1,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	≤2 mA
• Connector:	3-pin XLR
• Finish:	silver grey
• Dimensions:	53 dia. x 162 mm (2.1 dia. x 6.4 in.)
• Net/shipping weight:	320 g (11.3 oz.)/950 g (2.1 lbs.)
• Standard accessories:	H 85, Sound Tool Case
• Optional accessories:	B 18, PF 80, SA 61, W 414 X, ST 305

Recording Vocals Brass Percussions

- Entry-level home recording microphone
- Ideal multitrack recording “workhorse” thanks to very low self noise
- Cardioid polar pattern for multiplicity of applications
- Exceptionally smooth frequency response
- High SPL capability
- Complete with accessories in “Sound Tool Case”



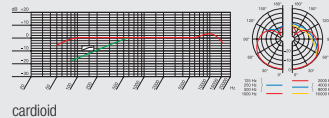
C 2000 B

One of the basic rules of recording is that the quality of the recorded signal is determined by the weakest link in the signal chain. Today, any microphone needs to match the **high quality of 24-bit recording media**.

One of the most important requirements for the C 2000 B was therefore **high sensitivity**. This allows you to lay clean, noise-free tracks with no risk of noise levels from many individual tracks combining in the mix. Its **high SPL capability** makes the C 2000 B a highly versatile microphone that can be used even for extremely loud instruments. The C 2000 B will give perfect results for demo recordings, in the rehearsal room, as well as in the best recording studios.

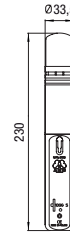
Item numbers:

C 2000 B 2786Z0011



Recording Live sound TV, motion picture, video production ENG/EFP (Outdoor)

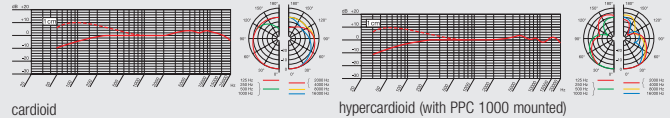
- Known as “the Swiss Army mic” for its incredible flexibility
- Battery status LED for accurate monitoring of battery life
- Can be powered by internal 9-V battery or by phantom power
- Included PPC 1000 allows the microphone to be switched from cardioid to hypercardioid pickup
- Included PB 1000 presence boost adapter adds high-end brilliance to sound
- Comes in metal “sound tools” carrying case



C 1000 S

The versatility of the **C 1000 S** makes it extremely popular and it's ideally suited for all kinds of recording and live sound applications. If phantom power isn't available, **this mic can be powered by a standard 9 V battery**, making it perfect for ENG or location recording. With its new battery monitoring electronics, the **C 1000 S now features an LED warning light** that warns when **battery life falls below 45 minutes**. The pickup pattern can be quickly switched from cardioid to hypercardioid simply by attaching the PPC 1000 polar pattern converter provided to the microphone capsule. The **PB 1000 Presence Boost Adapter** supplied with the C 1000 S adds **3 to 5 dB** of high-end enhancement between 5 and 9 kHz, improving speech clarity and adding definition to instrument sounds.

Item number: C 1000 S 2331A0007

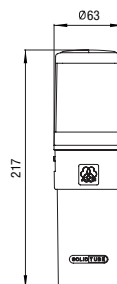


• Polar pattern:	cardioid
• Frequency range:	30 to 20,000 Hz
• Sensitivity:	20 mV/Pa (-34 dBV)
• Max. SPL for 5% THD:	140/150 dB
• Equivalent noise level (IEC 60268-4):	20 dB-A
• Signal/noise ratio (A-weighted):	74 dB
• Preamplification pad:	10 dB, switchable
• Bass cut filter:	6 dB/octave below 500 Hz
• Impedance:	≤200 ohms
• Recommended load impedance:	≥1,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	≤2 mA
• Connector:	3-pin XLR
• Finish:	silver grey
• Dimensions:	53 dia. x 159 mm (2.1 dia. x 6.3 in.)
• Net/shipping weight:	325 g (11.5 oz.)/950 g (2 lbs.)
• Standard accessories:	H 85, Sound Tool Case
• Optional accessories:	B 18, PF 80, SA 61, ST 305

• Polar pattern:	cardioid, hypercardioid (with PPC 1000 mounted)
• Frequency range:	50 to 20,000 Hz
• Sensitivity:	6 mV/Pa (-44 dBV)
• Max. SPL for 1% THD:	137 dB
• Equivalent noise level (IEC 60268-4):	21 dB-A
• Signal/noise ratio (A-weighted):	73 dB
• Impedance:	≤200 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596 or internal 9 V battery
• Current consumption:	approx. 2 mA
• Connector:	3-pin XLR
• Finish:	matte silver enamel
• Dimensions:	34 dia. x 220 mm (1.4 dia. x 8.7 in.)
• Net/shipping weight:	320 g (11.3 oz.)/650 g (1.4 lbs.)
• Standard accessories:	PB 1000, PPC 1000, SA 63, Sound Tool Case, W 1000
• Optional accessories:	H 30, PF 80, ST 305

Recording
Vocals
Concert hall
Brass

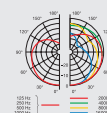
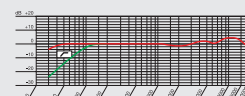
- Large-diaphragm vacuum tube microphone
- Cardioid pickup pattern for use in many applications
- Smooth “tube” sound adds warmth and life to digital recordings
- Comes complete with power supply, cable, metal spider-type shock mount, windscreen and all-metal carrying case



Solidtube

The **AKG SolidTube** was the first moderately-priced high-performance cardioid tube microphone. Characterized by **velvety-smooth sound with gorgeous, liquid mids**, the SolidTube will warm up the sterile sound of digital recording. Features include **switchable 20 dB pad and a 12 dB-per-octave/100 Hz bass roll-off filter**. With its elegant styling, high SPL capability, low self noise, and incredibly solid build quality, the SolidTube is a great value in a high-performance tube microphone.

Item number:
 SolidTube 2800Z0001



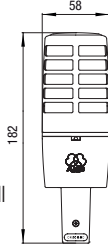
cardioid

• Polar pattern:	cardioid
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	20 mV/Pa (-34 dBV)
• Max. SPL for 3% THD:	130/145 dB
• Equivalent noise level (IEC 60268-4):	20 dB-A
• Signal/noise ratio (A-weighted):	74 dB
• Preamplification pad:	20 dB, switchable
• Bass cut filter:	12 dB/octave at 100 Hz
• Impedance:	≤200 ohms
• Recommended load impedance:	≥1,000 ohms
• Powering:	through supplied N-Solid power supply

• Current consumption:	through supplied N-Solid power supply
• Connector:	6-pin XLR
• Cable:	10 m (33 ft.)
• Finish:	silver grey
• Dimensions:	63.5/57 dia. x 219 mm (2.5/2.2 x 8.6 in.)
• Net/shipping weight:	920 g (2 lbs.)/5 kg (11 lbs.)
• Standard accessories:	H-Solid, MK-Solid, N-Solid, W-Solid
• Optional accessories:	PF 80

Vocals Radio/on air Brass Drums

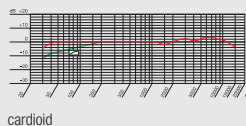
- Large-diaphragm condenser capsule with cardioid pickup and “voice-friendly” tuning
- Unique acoustical design and minimal proximity-effect
- Integrated pop screen for minimum blowing noise
- Switchable 20-dB pad and 120-Hz bass roll-off filter
- Transformerless output circuit ensures zero susceptibility to RF and EMI



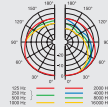
C 4500 B-BC

The AKG **C 4500 B-BC** is a front-address, **large-diaphragm condenser microphone** designed for critical on-air broadcast work as well as for recording of high-SPL instruments such as bass drum, various brass instruments and guitar amps. Thanks to its innovative acoustical design and patented internal multi-layer pop filter, the **C 4500 B-BC** has **minimal proximity effect** enabling close-up use without bass build-up and its front-address format makes it easy to position for best results. Comes complete with H 85 spider-type shock mount, W 4000 windscreen and metal carrying case.

Item number:
C 4500 B-BC 2820Z0012

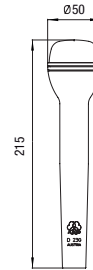


cardioid



Recording TV, motion picture, video production ENG/EFP (Outdoor)

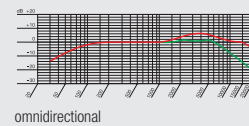
- Omnidirectional reporter's microphone
- Rugged all-metal body
- Long shaft for ease of handling
- Integrated windscreen



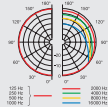
D 230

This rugged dynamic **ENG microphone** delivers exceptional sensitivity and clarity in the demanding news gathering field. The extended shaft allows for **easy placement of station flags** without typical handling problems. The **body** is made of extremely **rugged diecast metal** with a **non-reflective surface** for low-profile on-camera operation. Stand adapter included.

Item number:
D 230 2558Z0002



omnidirectional



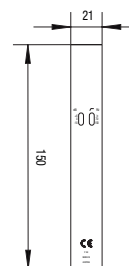
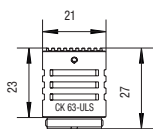
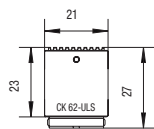
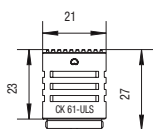
• Polar pattern:	cardioid
• Frequency range:	30 to 20,000 Hz
• Sensitivity:	20 mV/Pa (-34 dBV)
• Max. SPL for 0.5% THD:	145/155 dB
• Equivalent noise level (IEC 60268-4):	8 dB-A
• Signal/noise ratio (A-weighted):	86 dB
• Preattenuation pad:	20 dB, switchable
• Bass cut filter:	6 dB/octave at 120 Hz
• Impedance:	≤200 ohms
• Recommended load impedance:	≥1,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	≤2 mA
• Connector:	3-pin XLR
• Finish:	silver grey
• Dimensions:	58 dia. x 183 mm (2.3 dia. x 7.2 in.)
• Net/shipping weight:	450 g (1 lb.)/1 kg (2.2 lbs.)
• Standard accessories:	H 85, Sound Tool Case, W 4000
• Optional accessories:	B 18, PF 80, SA 61, ST 305

• Polar pattern:	omnidirectional
• Frequency range:	40 to 20,000 Hz
• Sensitivity:	2.5 mV/Pa (-52 dBV)
• Impedance:	≤320 ohms
• Recommended load impedance:	≥1,000 ohms
• Connector:	3-pin XLR
• Finish:	dark grey
• Dimensions:	50 dia. x 218 mm (2 dia. x 8.3 in.)
• Net/shipping weight:	225 g (7.9 oz.)/840 g (1.9 lbs.)
• Standard accessories:	SA 44
• Optional accessories:	H 30, SA 61, W 23, ST 1, ST 45, ST 46, ST 305

Ultra Linear Series

a line of small diaphragm modular condenser microphones

The AKG Ultra Linear Series is a line of small diaphragm modular condenser microphones with the highest technical performance standards. The ULS system is a universally acclaimed and accepted tool for high-end digital recording, film and video production as well as serious live sound reinforcement.



CK 61-ULS

CK 62-ULS

CK 63-ULS

C 480 B

CK 61-ULS Cardioid Capsule

The ruler-flat frequency response and consistent polar pattern of the **CK 61-ULS** make it ideal for critical recording and live sound applications where **consistent suppression of off-axis sound** is an important requirement. Includes foam windscreen.

CK 62-ULS Omnidirectional Capsule

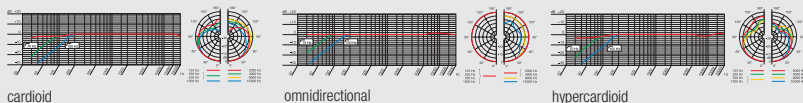
Identical to **CK 61-ULS**, except for omnidirectional polar pattern. For **more reverberant sounding recordings**. Includes foam windscreen.

CK 63-ULS Hypercardioid Capsule

Identical to **CK 61-ULS**, except for hypercardioid polar pattern. Better off-axis rejection provides **better channel separation and higher gain-before-feedback**. Includes foam windscreen.

The **C 480 B** is part of a system designed specifically for **excellent audio quality** and maximum flexibility. Its electronic circuitry coupled to a **transformerless output stage assures completely linear transfer characteristics** across the **entire audio bandwidth**, while achieving self-noise figures close to the theoretical minimum. This, in combination with a typical **SPL handling capability of 140 dB** broadband means a **dynamic range exceeding 125 dB**, making the system suitable for the most critical digital recording applications. Gold plated switch and connector contacts guarantee consistent performance. **A specially designed output stage** drives difficult loads (e.g. excessively long cables) with **no signal degradation**. Two sets of switches offer a two-step highpass filter and two gain manipulation stages of either -10 dB or +6 dB.

Also available: **C 480 B comb-ULS/61** comprising a **C 480 B** preamplifier, **CK 61-ULS** cardioid capsule, foam windscreen and stand adapter.



Specifications (measured with C 480 B)

	CK 61-ULS:	CK 62-ULS:	CK 63-ULS:
• Polar pattern:	cardioid	omnidirectional	hypercardioid
• Frequency range:	20 to 20,000 Hz		
• Sensitivity:	40/20/6.3 mV/Pa (-28/-34/-44 dBV)		
• Max. SPL for 0.5% THD:	134/140/144 dB		
• Equivalent noise level (IEC 60268-4):	13/11/17 dB-A		
• Signal/noise ratio (A-weighted):	81/83/77 dB		
• Preattenuation pad:	+6/0/-10 dB, selectable		
• Powering:	through C 480 B		
• Current consumption:	through C 480 B		
• Finish:	matte black		
• Dimensions:	21 dia. x 23/27 mm (0.8 dia. x 0.9/1.1 in.)		
• Net/shipping weight:	25 g (0.9 oz.)/150 g (5.3 oz.)		
• Standard accessories:	W 32 windscreen		
• Optional accessories:	A 61		

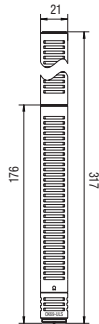
• **Optional accessories for C 480 B comb ULS/61:** A 61, H 30, H 50, H 85, H 300, PF 80, ST 1, ST 45, ST 46, ST 305

C 480 B comb ULS/61

• Polar pattern:	cardioid
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	40/20/6.3 mV/Pa (-28/-34/-44 dBV)
• SPL capability:	134/140/144 dB
• Equivalent noise level (IEC 60268-4):	13/11/17 dB-A
• Signal/noise ratio (A-weighted):	81/83/77 dB
• Preattenuation pad:	+6/0/-10 dB, selectable
• Bass cut filter:	12 dB/octave at 100 Hz
• Impedance:	<150 ohms
• Recommended load impedance:	≥2,000 ohms/1000 pF
• Powering:	48 V phantom power to DIN 45596
• Current consumption:	<2 mA
• Connector:	3-pin XLR
• Finish:	matte black
• Dimensions:	21 dia. x 173 mm (0.8 dia. x 6.9 in.)
• Net/shipping weight:	140 g (4.9 oz.)/500 g (1.1 lbs.)
• Standard accessories:	SA 60, Sound Tool Case, W 32

Recording
Theater,
onstage miking
TV, motion picture,
video production
BC-ENG/EFP

- Two shotgun capsules in one, using two-part interference tube
- Ultra-low noise
- Long shotgun for recording from medium distances
- Short shotgun for close-up video recording



CK 69-ULS

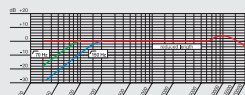
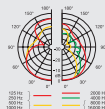
CK 69-ULS Shotgun Capsule

Two shotgun capsules in one, with quick and easy conversion from long to short shotgun applications, from hypercardioid to directional polar patterns. In its long shotgun configuration, the **CK 69-ULS** will deliver **perfect results for film/TV outdoor applications** or **indoor front of stage recording** from approximately 20 to 24 feet (6 to 8 m). If you unscrew the front half of the interference tube, the same capsule becomes a short shotgun for use in TV, film and video close-up work. Additionally, the short shotgun mode is ideal for **interviews in noisy environments**. The CK 69-ULS operates flawlessly in **high humidity environments** and windscreens are provided for both long and short configurations.

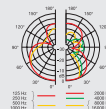
W 48, W 49 C 480 B + CK 69-ULS



Response in long shotgun mode



Response in short shotgun mode



Item numbers:

CK 61-ULS	2231Z0021
CK 62-ULS	2231Z0022
CK 63-ULS	2231Z0025
C 480 B	2180Z0015
C 480 B comb-ULS/61	2200Z0033
CK 69-ULS	2669Z0001

Specifications (measured with C 480 B)

	CK 69-ULS
• Polar pattern:	hypercardioid/directional
• Frequency range:	20 to 18,000 Hz
• Sensitivity:	54/27/8.5 mV/Pa (-25/-31/-41 dBV)
• Max. SPL for 0.5% THD:	134/140/142 dB
• Equivalent noise level (IEC 60268-4):	11/9/15 dB-A
• Signal/noise ratio (A-weighted):	83/85/79 dB
• Preattenuation pad:	+6/0/-10 dB, selectable
• Powering:	through C 480 B
• Current consumption:	through C 480 B
• Finish:	matte black
• Dimensions:	21 dia. x 176/317 mm (0.8 dia. x 6.9/12.5 in.)
• Net/shipping weight:	70 g (2.5 oz.)/500 g (1.09 lbs.)
• Standard accessories:	W 48, W 49
• Optional accessories:	A 61, H 30

AKG Blue Line

moderately-priced modular condenser microphone system

The AKG Blue Line is a moderately-priced modular condenser microphone system with extraordinary performance and flexibility. With eight different microphone capsules and lots of accessories to choose from, you can customize a Blue Line system to get perfect results on any recording or sound reinforcement job.

The basic element of the Blue Line system is the SE 300 B preamp module that transforms the phantom power for the capsule and matches the output impedance to your mixer. The SE 300 B uses AKG's High Density Surface Mount Device electronics to deliver higher sensitivity, lower noise, better phase and frequency response plus lower distortion than older designs. The transformerless output electronics preserve the full fidelity of the audio spectrum and has extremely low LF distortion. Each precision AKG mic capsule has active transducers with ultra-low mass, gold-sputtered diaphragms. The bayonet coupling system on the SE 300 B and each capsule makes it easy to change modules even under difficult conditions and has self-cleaning contacts to maintain perfect signal integrity even after years of use in hostile environments.



CK 91 Cardioid Capsule

Flat frequency response and a consistent cardioid polar pattern make the CK 91 an ideal tool for applications where **good off-axis rejection** is required. Foam windscreen included.

CK 92 Omnidirectional Capsule

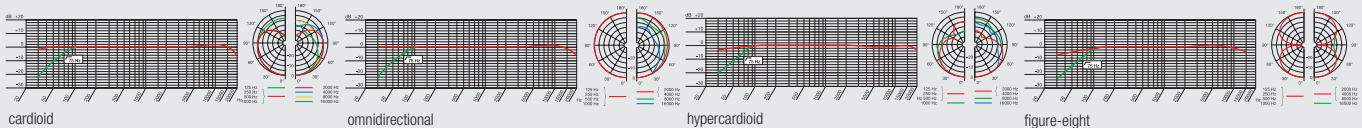
Since the frequency of omnidirectional microphones does not change with the distance from the sound source for physical reasons, the CK 92 omni capsule has no proximity effect. Instead, it offers **exceptionally neutral presentation** of a source in its ambient sound field, providing consistent results regardless of the distance between microphone and source. Includes foam windscreen.

CK 93 Hypercardioid Capsule

Similar to the CK 91, the CK 93 features a consistent hypercardioid polar pattern. A hypercardioid provides a much higher ratio of direct to ambient sound than a cardioid does. With this **high separation**, the CK 93 is an excellent choice for **multitrack recording**. High gain before feedback makes the CK 93 a very useful tool in live sound applications, too. Includes foam windscreen.

CK 94 Figure-Eight Capsule

This figure-eight capsule prefers sound arriving from opposite directions and **efficiently suppresses off-axis sounds**. The CK 94 is a perfect tool for situations where sound sources face each other. Recommended applications include interviewing, choir miking, drum overheads as well as M/S stereo techniques in combination with a cardioid or hypercardioid microphone. Includes foam windscreen.



Specifications (measured with SE 300 B)

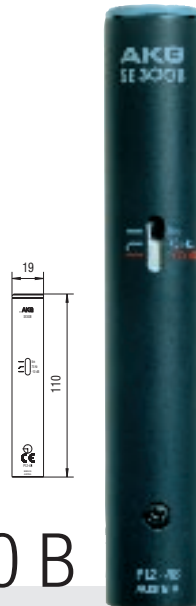
	CK 91:	CK 92:	CK 93:	CK 94:
• Polar pattern:	cardioid	omnidirectional	hypercardioid	figure-eight
• Frequency range:	20 to 20,000 Hz	20 to 20,000 Hz	20 to 20,000 Hz	20 to 20,000 Hz
• Sensitivity:	10 mV/Pa (-40 dBV)	10 mV/Pa (-40 dBV)	10 mV/Pa (-40 dBV)	10 mV/Pa (-40 dBV)
• Max. SPL for 1% THD:	132/142 dB	132/142 dB	132/142 dB	132/142 dB
• Equivalent noise level (IEC 60268-4):	17 dB-A	17 dB-A	17 dB-A	22 dB-A
• Signal/noise ratio (A-weighted):	77 dB	77 dB	77 dB	72 dB
• Powering:	through SE 300 B	through SE 300 B	through SE 300 B	through SE 300 B
• Current consumption:	through SE 300 B	through SE 300 B	through SE 300 B	through SE 300 B
• Connector:	bayonet mount	bayonet mount	bayonet mount	bayonet mount
• Finish:	dark grey	dark grey	dark grey	dark grey
• Dimensions:	19 dia. x 36/51 mm (0.7 dia. x 1.4/2 in.)	19 dia. x 36/51 mm (0.7 dia. x 1.4/2 in.)	19 dia. x 36/51 mm (0.7 dia. x 1.4/2 in.)	19 dia. x 43/59 mm (0.7 dia. x 1.7/2.3 in.)
• Net/shipping weight:	35 g (1.2 oz.)/ 200 g (7.1 oz.)	35 g (1.2 oz.)/ 200 g (7.1 oz.)	35 g (1.2 oz.)/ 200 g (7.1 oz.)	45 g (1.9 oz.)/ 200 g (7.1 oz.)
• Standard accessories:	W 90	W 90	W 90	W 90
• Optional accessories:	A 91	A 91	A 91	A 91

**Recording
Theater,
onstage miking
TV, motion picture,
video production
Percussions**

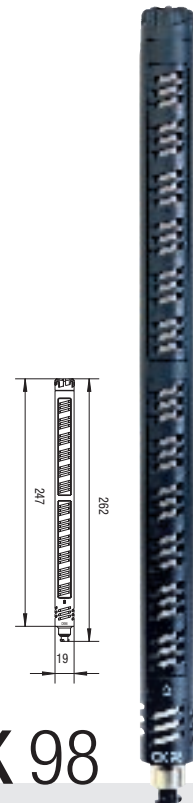
- AKG Blue Line cardioid microphone
- Switchable bass cut filter and 10-dB preattenuation pad
- Insensitive to handling noise
- High resistance to RF interference
- Capsule mounts directly on SE 300 B powering unit or connects via 10 ft. (3 m) cable



C 391 B



SE 300 B



CK 98

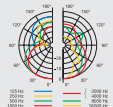
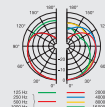
AKG Blue Line Microphone Combination, C 391 B Cardioid Versatile cardioid condenser microphone comprising an SE 300 B powering/output module and CK 91 cardioid capsule. Foam windscreen and stand adapter included.

AKG Blue Line SE 300 B

Transformerless Powering/Output Module. The **SE 300 B** operates from any 9 to 52 V phantom power supply. It incorporates a **switchable 12 dB/octave bass cut filter at 75 Hz** to eliminate footfall noise and a **switchable 10-dB preattenuation pad** for high-SPL sound sources. A **transformerless output stage** ensures pristine full-range audio and prevents low-frequency distortion. Stand adapter included.

Item numbers:

CK 91	2439Z0001
CK 92	2439Z0002
CK 93	2439Z0003
CK 94	2439Z0006
C 391 B	2442Z0001
SE 300 B	2439Z0005
CK 98	2439Z0004

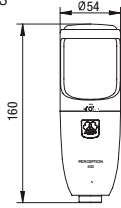


Specifications	C 391 B
• Polar pattern:	cardioid
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	10 mV/Pa (-40 dBV)
• Max. SPL for 1% THD:	132/142 dB
• Equivalent noise level (IEC 60268-4):	17 dB-A
• Signal/noise ratio (A-weighted):	77 dB
• Preattenuation pad:	10 dB, switchable
• Bass cut filter:	12 dB/octave at 75 Hz
• Impedance:	≤200 ohms
• Recommended load impedance:	≥1,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	≤2 mA
• Connector:	3-pin XLR
• Finish:	dark grey
• Dimensions:	19 dia. x 146 mm (0.7 dia. x 5.7 in.)
• Net/shipping weight:	115 g (4 oz.)/420 g (14.8 oz.)
• Standard accessories:	SA 60, W 90
• Optional accessories:	A 91, B 18, H 30, H 50, H 85, H 300, PF 80, ST 1, ST 45, ST 46, ST 305

Specifications	CK 98
• Polar pattern:	hypercardioid/directional
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	25 mV/Pa (-32 dBV)
• Max. SPL for 1% THD:	124/134 dB
• Equivalent noise level (IEC 60268-4):	17 dB-A
• Signal/noise ratio (A-weighted):	77 dB
• Powering:	through SE 300 B
• Current consumption:	through SE 300 B
• Connector:	bayonet mount
• Finish:	dark grey
• Dimensions:	19 dia. x 247/262 mm (0.7 dia. x 9.7/10.3 in.)
• Net/shipping weight:	80 g (2.8 oz.)/500 g (1.1 lb.)
• Standard accessories:	W 98
• Optional accessories:	A 91, H 30

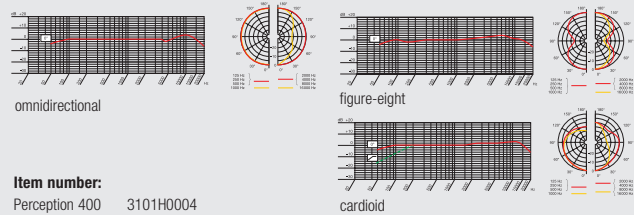
Recording Vocals Concert Hall Brass

- Professional general-purpose microphone
- One-inch dual diaphragm condenser capsule
- Rugged metal housing with stainless steel grille
- Selectable cardioid, omnidirectional and figure-eight pickup patterns
- Switchable bass roll-off switch
- Switchable -10 dB pre-attenuation pad
- Spider-type shock mount included
- Metal carrying case



Perception 400

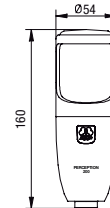
The Perception 400 is a multi-pattern large-diaphragm, true condenser microphone with outstanding build quality and a unique combination of **excellent performance, deluxe features and high value**. It conforms to the stringent standards defined for AKG recording products, based on the company's 60-year heritage. The switchable bass roll-off and pre-attenuation pads enable its use close to sound sources and in high SPL environments up to 145 dB. The Perception 400's dual diaphragm 1-inch large-diaphragm capsule allows a **selection** of cardioid, omnidirectional or figure-eight pickup patterns **for flexibility in use** – from vocal and instrumental recording to live applications and broadcast.



Item number:
Perception 400 3101H0004

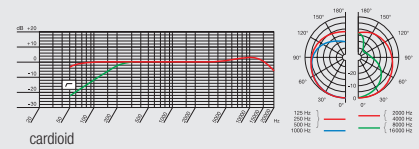
Recording Vocals Brass Percussion

- Professional general-purpose microphone
- One-inch large-diaphragm true condenser capsule
- Rugged metal housing
- Cardioid polar pattern
- Switchable bass roll-off
- Switchable -10dB pre-attenuation pad
- Elastic spider suspension included
- Metal carrying case included



Perception 200

The **Perception 200** is a **large diaphragm true condenser** microphone offering outstanding build quality and excellent value. The useful features and the included accessories emphasize the versatility of this microphone. It delivers a **classic warm and transparent sound** and conforms to the stringent standards defined for AKG recording products. The Perception 200's design is based on AKG's nearly six decades of experience and from input provided by sound engineers around the world that use AKG products every day. This **general purpose 1-inch large diaphragm microphone** brings AKG studio quality to all areas of recording, specifically projects studios and live sound applications. The switchable bass roll-off and the pre-attenuation pad makes it perfectly suited even for sources with **high sound pressure levels up to 145 dB SPL**.



Item number:
Perception 200 3101H0002

• Capsule:	Dual-capsule, 1-inch large-diaphragm, true condenser pressure-gradient microphone
• Polar pattern:	Cardioid, omnidirectional, figure-eight
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	28 mV/Pa (-31 dBV)
• Max. SPL for 0.5% THD:	135/145 dB SPL (0/-10 dB)
• Equivalent noise level (IEC 60268-4):	16 dB-A
• Signal/noise ratio (A-weighted):	78 dB (re 1 Pa)
• Preamplification pad:	-10 dB (switchable)
• Bass cut filter:	12 dB/octave, 300 Hz (switchable)
• Impedance:	≤200 ohms
• Recommended load impedance:	≥1,000 ohms
• Powering:	48 V phantom power to DIN/IEC
• Current consumption:	≤2 mA
• Connector:	3-pin XLR
• Finish:	metallic blue/nickel grille
• Dimensions:	53 dia. X 160 mm/2 x 6.3 in.
• Net/Shipping weight:	525 g (18.5 oz.)/1,970 g (4.3 lb.)
• Standard accessories:	metal case, spider suspension
• Optional accessories:	PF 80, W 4000, ST 305

• Capsule:	1" Large Diaphragm True Condenser
• Polar pattern:	cardioid
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	18 mV/Pa
• Max. SPL for 0.5% THD:	135 dB/145 dB with attenuation
• Equivalent noise level (IEC 60268-4):	16 dB-A
• Preamplification pad:	0 dB, -10 dB
• Bass cut filter:	12 dB/octave at 300 Hz
• Impedance:	<200 ohms
• Recommended load impedance:	≥1,000 ohms
• Powering:	48 V phantom power to DIN/IEC
• Current consumption:	<2 mA
• Connector:	3-pin XLR
• Finish:	metallic blue/nickel grille
• Dimensions:	53 dia. x 160 mm (2.1 dia. x 6.3 in.)
• Net/Shipping weight:	525 g (18.5 oz.)/1,970 g (4.3 lb.)
• Standard accessories:	metal case, spider suspension
• Optional accessories:	PF 80, W 4000, ST 305

Cymbals and Overhead Drums Strings

- Professional small diaphragm microphone
- Highly precise sound
- Rugged metal housing
- Cardioid polar pattern
- Switchable -10dB pre-attenuation pad



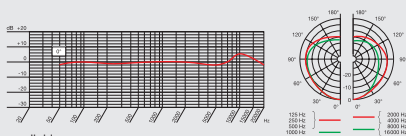
NEW



Perception 150

The Perception 150 is a small diaphragm true condenser microphone offering outstanding build quality and excellent value. It delivers a **transparent sound** with **outstanding transient response** and conforms to the stringent standards defined for AKG recording products. The Perception 150's design is based on AKG's six decades of experience and from input provided by sound engineers around the world that use AKG microphones every day.

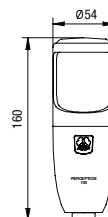
This **general-purpose small diaphragm** microphone brings AKG studio quality to all areas, specifically project studios and live sound applications. The switchable pre-attenuation pad makes it perfectly suited even for sources with high sound pressure levels up to 145 dB SPL.



Item number:
Perception 150 3101H0003 cardioid

Recording Vocals Radio/on air Strings

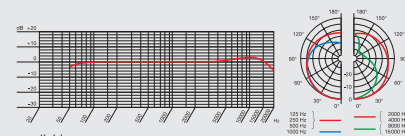
- Professional general-purpose microphone
- One-inch, large-diaphragm true-condenser capsule
- Cardioid polar pattern
- Rugged metal housing
- Comes with metal stand adapter



Perception 100

The Perception 100 is a **large-diaphragm true condenser** microphone offering solid build quality, good performance and excellent value. It delivers a classic warm, transparent sound that conforms to the stringent standards defined for AKG recording products. The Perception 100's design is based on AKG's nearly six decades of experience and from input provided by sound engineers around the world that use AKG studio microphones every day.

This **general-purpose true 1-inch large-diaphragm** microphone brings AKG studio quality to all areas of recording, specifically project studios and live sound applications.



Item number:
Perception 100 3101H0001 cardioid

• Capsule:	0.5 inch diaphragm, externally polarized condenser
• Polar pattern:	cardioid
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	12 mV/Pa (-38.5 dBV +/-3dB)
• Max. SPL for 0.5% THD:	135 / 145 dB SPL (0 / -10 dB) for 0.5% THD
• Equivalent noise level (IEC 60268-4):	< 21 dB-A
• Signal/noise ratio (A-weighted)	73 dB (re 1 Pa)
• Preattenuation pad:	-10 dB (switchable)
• Impedance:	<200 ohms
• Recommended load impedance:	≥1,000 ohms
• Powering:	48 V phantom power to DIN/IEC
• Current consumption:	<2 mA
• Connector:	3-pin XLR-type (pin #2 hot)
• Finish:	metallic blue
• Dimensions:	22 dia. X 160 mm/0.09 x 6.3 in.
• Net/Shipping weight:	130 g (4.6 oz.)/455 g (16 oz.)
• Standard accessories:	stand adapter
• Optional accessories:	H 30, H 50, H 300, SA 60, ST 1, ST 45, ST 46, ST 305, PF 80, W 32

• Capsule:	1" Large Diaphragm True Condenser
• Polar pattern:	cardioid
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	18 mV/Pa
• Max. SPL for 0.5% THD:	135 dB
• Equivalent noise level (IEC 60268-4):	16 dB-A
• Impedance:	<200 ohms
• Recommended load impedance:	≥1,000 ohms
• Powering:	48 V phantom power to DIN/IEC
• Current consumption:	<2 mA
• Connector:	3-pin XLR
• Finish:	metallic blue
• Dimensions:	53 dia. x 160 mm (2.1 dia. x 6.3 in.)
• Net/Shipping weight:	525 g (18.5 oz.)/955 g (33.7 oz.)
• Standard accessories:	metal stand adapter
• Optional Accessories:	PF 80, W 4000, ST 305

Handheld Microphones

C 5	24
Elle C	24
C 535 EB	25
C 5900 ^M , TM 40	25
D 5, D 5 S	26
D 3800 ^M /D 3800 ^{MS}	26
D 3700 ^M /D 3700 ^{MS}	27
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D 88 S/XLR, D 88 S/Jack	28
D 77 S/XLR, D 77 S/Jack	28
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D 112	30
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HC 577	34
C 520, C 555 L	35

Lavalier Microphones

CK 77 WR	36
C 417, CK 55 L	37



Stage Microphones

Sound engineers and artists appreciate microphones as valuable instruments for achieving exactly the sound they have in mind.

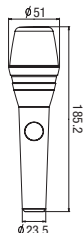
AKG offers exactly the right microphones for every application and any kind of acoustic environment-microphones that have been known to provide the high level of quality and ruggedness needed to stand up to the rigors of day-to-day usage on stage.



Vocals
Recording
Live sound
Sound/AV company

NEW

- Condenser vocal microphone for onstage use
- XLR connector module with 24-carat gold plated pins for optimized connectivity
- 24-carat gold plated transducer case for optimum conductivity and resistance to corrosion and humidity
- Spring steel wire-mesh grill for extreme ruggedness incl. reliable control of pops and wind noise
- Internal elastic suspension
- Innovative mic design based on professional user research



C 5

This **professional condenser vocal microphone** will make your voice cut through the loudest mix – on any stage. Its cardioid polar pattern ensures **maximum gain before feedback** and has been optimized for use with in-ear monitor systems.

The gold plated transducer case does not only give the microphone a sophisticated esthetic touch but also makes the transducer extremely resistant to corrosion and humidity. The result is **superior audio performance**.

The design of the all new AKG C 5 reflects the **latest results of AKG's long-standing research** with professional users optimizing handling and **ease-of-use** whilst providing outstanding **premium audio performance**.

Item numbers:
 C 5: 3138Z0010



Female vocals
Recording
Live sound
Sound/AV company

NEW

- Condenser vocal microphone for female vocalists
- Slender and elegant silhouette
- XLR connector module with 24-carat gold plated pins for optimized connectivity
- 24-carat gold plated transducer case for optimum conductivity and resistance to corrosion and humidity
- Spring steel wire-mesh grill for extreme ruggedness incl. reliable control of pops and wind noise
- Internal elastic suspension



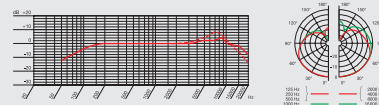
Elle C

Every musician knows about the very special nature of the female voice.

Building on decades of experience in making microphones, AKG has designed a **professional vocal microphone** with a condenser transducer perfectly **tailored to the female voice**. The result is called the **“Elle C”** and delivers an extremely accurate, detailed, and natural sound.

In addition to its superb audio performance, the **Elle C** also matches the highest aesthetic expectations of performing female vocalists. Its **slender, elegant silhouette** and **special finish** in either high-gloss metallic or white pearlescent paint adds an exciting visual dimension to every performance.

Item numbers:
 Elle C silver 3133Z0001
 Elle C white 3133Z0002

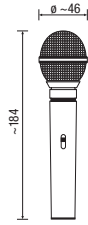


• Polar pattern:	cardioid
• Frequency range:	65 to 20,000 Hz
• Sensitivity:	4 mV/Pa (-48 dBV)
• Max. SPL for 1%/3% THD:	140/145 dB SPL
• Equivalent noise level (IEC 60268-4):	25 dB-A
• Signal/noise ratio (A-weighted):	69 dB
• Impedance:	≤200 ohms
• Recommended load impedance:	≥2000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	typ. 3 mA
• Connector:	3-pin XLR
• Finish:	matte grayish blue
• Dimensions:	length: 185.2 mm (7.3 in.); diameter: 51 mm (2 in.)
• Net/shipping weight:	345 g (12.2 oz.) / 660 g (1.5 lbs.)
• Standard accessories:	Microphone bag, SA 45, PB 1000
• Optional accessories:	B 18, H 30, H 50, SA 44, SA 61, ST 1, ST 45, ST 46, ST 305, W 23, W 880

• Polar pattern:	cardioid
• Frequency range:	60 to 20,000 Hz
• Sensitivity:	4 mV/Pa (-48 dBV)
• Max. SPL for 1%/3% THD:	140/145 dB SPL
• Equivalent noise level (IEC 60268-4):	25 dB-A
• Signal/noise ratio (A-weighted):	69 dB
• Impedance:	≤200 ohms
• Recommended load impedance:	≥2000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	typ. 3 mA
• Connector:	3-pin XLR
• Finish:	silver/white
• Dimensions:	length: 185 mm (7.3 in.); diameter: 34 mm (1.3 in.)
• Net/shipping weight:	260 g (9.2 oz.) / 620 g (1.4 lbs.)
• Standard accessories:	Microphone bag, SA 45, PB 1000
• Optional accessories:	B 18, H 30, H 50, SA 44, SA 61, ST 1, ST 45, ST 46, ST 305, W 23, W 1000

**Recording
Vocals
Sound/AV company
Drums**

- Classic vocal and instrument microphone
- Rugged metal body
- Switchable bass cut/rolloff filter



C 535 EB

The professional vocal/instrument microphone from AKG for stage and studio use, the **C 535 EB** provides the ultimate combination of excellent, highly detailed audio and exceptional ruggedness. Perfect weight distribution ensures fatigue-free handling – another asset for **discriminating vocalists!**

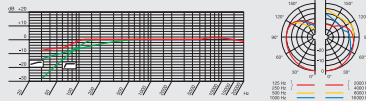
Bass cut/rolloff filters and a switchable preattenuation pad let you match the frequency response and output level to the most diverse recording and onstage miking situations. The C 535 EB is one of the **great, legendary microphones.**

C 535 WL 1: C 535 EB microphone element with threaded connection for use with various AKG WMS handheld transmitters.



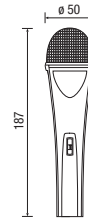
Item numbers:

C 535 EB	2135Z0003
C 535 WL1	2782Z0015



**Recording
Vocals
Live sound
Sound/AV company**

- High quality condenser performance microphone
- Choice of two output modules
- Spring steel wire-mesh grill for extreme ruggedness and reliable control of pops and wind noise
- Internal spider-type shock mount for handling noise suppression
- Bass cut filter and 0/+6 dB output level selector for precise level matching



C 5900^M

The **C 5900^M** combines the sound of **AKG studio microphones** and the rugged body design of the EMOTION/TRIPOWER Series. A **switchable bass cut filter** minimizes stage rumble and an **output level selector** lets you boost the microphone's output level to drive less "sensitive" inputs. The **C 5900^M** supercardioid condenser mic provides a **superb high end, high resolution, and excellent transient response** for a fabulous sound.

Available with:

XLR connector module with gold plated contacts, for use with a standard microphone cable.

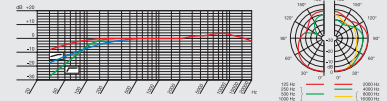
TM 40 transmitter module for complete mobility. Easy changeover from hardwire to wireless operation does not only increase your range of action but also ensures perfect mobility.



TM 40

Item numbers:

C 5900 ^M	2705Z0006
C 5900 WL 1	2982Z0003
TM 40	7615H0701
XLR-Module	2705Z0010



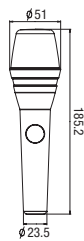
• Polar pattern:	cardioid
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	7 mV/Pa (-43 dBV)
• Max. SPL for 1% THD:	130/144 dB
• Equivalent noise level:	21 dB-A
• Signal/noise ratio (A-weighted):	73 dB
• Preattenuation pad:	-14 dB
• Bass cut filter:	12 dB/Oktave bei 100 Hz
• Impedance:	≤200 Ohm
• Recommended load impedance:	≥600 Ohm
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	≤2.5 mA
• Connector:	3-pin XLR
• Finish:	matte black
• Dimensions:	46 dia. x 184 mm (1.8 dia. x 7.25 in.)
• Net/shipping weight:	300 g (10.6 oz.) / 800 g (1.8 lbs.)
• Standard accessories:	Mikrofonetui, SA 61
• Optional accessories:	B 18, H 30, H 50, SA 44, W 23, ST 1, ST 45, ST 46, ST 305

• Polar pattern:	supercardioid
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	6 mV/Pa (-44 dBV)
• Max. SPL for 1%/3% THD:	139/142 dB
• Equivalent noise level:	17.5 dB-A
• Signal/noise ratio (A-weighted):	74 dB
• Bass cut filter:	12 dB/octave at 100 Hz, 6 dB/octave at 150 Hz
• Impedance:	≤200 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	approx. 2 mA
• Connector:	3-pin XLR
• Finish:	matte black
• Dimensions:	50 max. dia. x 186 mm (2.0 dia. x 7.3 in.)
• Net/shipping weight:	290/970 g (10.4 oz./2.1 lb.)
• Standard accessories:	Sound Tool Case, SA 61
• Optional accessories:	B 18, H 30, H 50, SA 44, W 23, W 3001, ST 1, ST 45, ST 46, ST 305

Vocals
Recording
Live sound
Sound/AV company

NEW

- Extremely rugged vocal/speech microphone
- Available with or without on/off switch
- Patented AKG Laminated Varimotion diaphragm
- Spring steel wire-mesh grill for extreme ruggedness and reliable control of pops and wind noise
- Innovative mic design based on professional user research
- For smooth frequency response and maximum gain before feedback



D 5
D 5 S

The D 5 dynamic vocal microphone **for lead and backing vocals** delivers a powerful sound even on the noisiest stage. Its frequency independent supercardioid polar pattern ensures maximum gain before feedback. The D 5 stands for a **crisp sound that cuts through every mix**.

AKG made the first microphone diaphragm ever whose thickness varies across its diameter. The new **Laminated Varimotion diaphragm deep-drawing process** allows the diaphragm itself to be fine-tuned with no extra tuning resonators, leading to a quantum leap in audio performance.

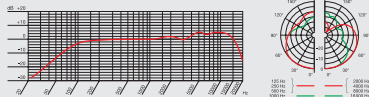
The **dual shock mount** eliminates any kind of mechanical noise for trouble-free live use. The audience will hear nothing but the pristine sound of your voice!

Available Versions

D 5: for standard applications.

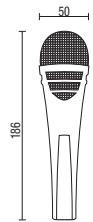
D 5 S: with on/off switch.

Item numbers:
D 5: 3138Z0006
D 5 S: 3138Z0009



Vocals
Live sound
Sound/AV company

- Dynamic vocal microphone
- Choice of three output modules
- Hum compensation coil
- Spring steel wire-mesh grill for extreme ruggedness and reliable control of pop and wind noise
- Double-diaphragm shock mount for handling noise suppression



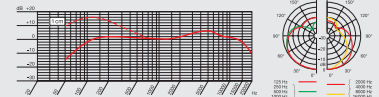
D 3800^M
D 3800^{MS}

The **D 3800^M** is the best dynamic vocal microphone, which is but one of many good reasons for this microphone to take center stage. The **VARIMOTION** diaphragm is the first microphone diaphragm ever made whose thickness varies across its diameter. This allows the diaphragm itself to be tuned to the desired resonance frequency for a quantum leap in audio performance.

Available with: **XLR connector module** with gold plated contacts, for use with a standard microphone cable. **XLR/S connector module** with on/off switch. **TM 40 transmitter module** for complete mobility. **Easy changeover from hardwire to wireless operation** does not only increase your range of action but also ensures perfect mobility.



Item numbers:
D 3800^M 2705Z0004
D 3800^{MS} 2705Z0005
D 3800 WL 1 2982Z0002
TM 40 7615H0701
XLR-Module 2705Z0010
XLR/S-Module 2705Z0011

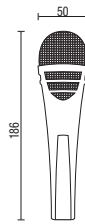


• Polar pattern:	supercardioid
• Frequency range:	70 to 20,000 Hz
• Sensitivity:	2.6 mV/Pa (-52 dBV)
• Max. SPL for 1%/3% THD:	147/156 dB SPL
• Equivalent noise level (IEC 60268-4):	18 dB-A
• Signal/noise ratio (A-weighted):	76 dB
• Impedance:	≤600 ohms
• Recommended load impedance:	≥2000 ohms
• Connector:	3-pin XLR
• Finish:	matte grayish blue
• Dimensions:	length: 185.2 mm (7.3 in.); diameter: 51 mm (2 in.)
• Net/shipping weight:	340 g (12 oz.) / 655 g (1.45 lbs.)
• Shipping weight:	655 g (1.45 lbs.)
• Standard accessories:	Microphone bag, SA 45
• Optional accessories:	H 30, H 50, SA 44, SA 61, ST 1, ST 45, ST 46, ST 305, W 23, W 880

• Polar pattern:	supercardioid
• Frequency range:	50 to 20,000 Hz
• Sensitivity:	2.5 mV/Pa (-52 dBV)
• Max. SPL for 1%/3% THD:	147/156 dB
• Equivalent noise level:	18 dB-A
• Signal/noise ratio (A-weighted):	76 dB
• Impedance:	≤600 ohms
• Recommended load impedance:	≥2,000 ohms
• Connector:	3-pin XLR
• Finish:	matte black
• Dimensions:	50 max. dia. x 186 mm (2.0 dia. x 7.3 in.)
• Net/shipping weight:	290/970 g (10.4 oz./2.1 lb.)
• Standard accessories:	Soundtool Case, SA 61
• Optional accessories:	H 30, H 50, SA 44, W 23, W 3001, ST 1, ST 45, ST 46, ST 305

Vocals
Live sound
Sound/AV company

- Dynamic vocal microphone
- Choice of three output modules
- Varimotion diaphragm
- Spring steel wire-mesh grill
- Ergonomically optimized triangular body
- Double-action shock mount



D 3700^M
D 3700^{MS}

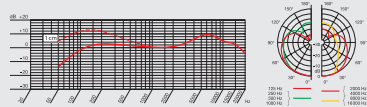
The **D 3700^M** provides **revolutionary versatility** for a new way of performing. It is available with one of three output modules: **XLR connector module** with gold plated contacts, for use with a standard microphone cable. XLR/S connector module with on/off switch. **TM 40 transmitter module** for complete mobility. **Easy changeover from hardwire to wireless operation** does not only increase your range of action but also ensures perfect mobility.

The ergonomically optimized triangular shape of Tripower Series bodies is easy to grip and keeps the microphones from rolling away on an inclined surface.



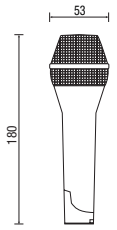
Item numbers:

D 3700 ^M	2705Z0001
D 3700 ^{MS}	2705Z0002
D 3700 WL 1	2982Z0001
TM 40	7615H0701
XLR-Module	2705Z0010
XLR/S-Module	2705Z0011



Live sound
Brass
Woodwinds
Drums

- Extremely rugged instrument/vocal microphone
- Highly efficient windscreen
- Frequency response optimized for intelligibility
- High performance Varimotion diaphragm (AKG patent)



D 770

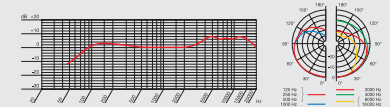
Dynamic microphone for miking instruments and backing vocals in tough night-after-night onstage use. The **D 770** features a cardioid polar pattern and uses a patented AKG Varimotion diaphragm.

The D 770 is fitted with a shock absorbing steel wire-mesh inner grill to protect the transducer from damage, and further protection is provided by the rugged die-cast housing and a wire-mesh outer grill.

The **outer grill** and a **layer of special fabric** beneath it form a very effective **windscreen** that will **suppress pop and breath noise** as well as sibilance. The extended frequency response of the **D 770** slightly emphasizes the mid and treble ranges to ensure good intelligibility.

Item number:

D 770	2696Z0001
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• Polar pattern:	cardioid
• Frequency range:	70 to 20,000 Hz
• Sensitivity:	2.5 mV/Pa (-52 dBV)
• Max. SPL for 1%/3% THD:	147/156 dB
• Equivalent noise level:	19 dB-A
• Signal/noise ratio (A-weighted):	75 dB
• Impedance:	<600 ohms
• Recommended load impedance:	≥2,000 ohms
• Connector:	3-pin XLR
• Finish:	matte black
• Dimensions:	50 max. dia. x 186 mm (2.0 x 7.3 in.)
• Net/shipping weight:	290/970 g (10.4 oz./2.1 lb.)
• Standard accessories:	Soundtool Case, SA 61
• Optional accessories:	H 30, H 50, SA 44, W 23, W 3001, ST 1, ST 45, ST 46, ST 305

• Polar pattern:	cardioid
• Frequency range:	60 to 20,000 Hz, at 1 cm (0.4 in.); 20 to 20,000 Hz
• Sensitivity:	2.5 mV/Pa (-52 dBV)
• Max. SPL for 1%/3% THD:	147/156 dB
• Equivalent noise level:	22 dB-A
• Signal/noise ratio (A-weighted):	72 dB
• Impedance:	<600 ohms
• Recommended load impedance:	≥2,000 ohms
• Connector:	3-pin XLR
• Finish:	matte black
• Dimensions:	50 dia. x 181 mm (2 x 7.1 in.)
• Net/shipping weight:	290 g (10.4 oz.)/650 g (1.4 lbs.)
• Standard accessories:	microphone bag, SA 44
• Optional accessories:	H 30, H 50, SA 61, W 23, W 880, ST 1, ST 45, ST 46, ST 305

Lead vocals Live Sound

- Rugged performance microphone designed for lead vocals
- Available with 16 foot (5 m) XLR/XLR cable or 16 foot (5 m) XLR/jack cable
- On/off switch
- Sturdy die-cast metal body



Backing vocals Live Sound Instruments

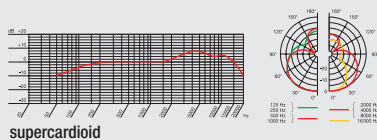
- Rugged performance microphone designed for backing vocals and instruments
- Available with 16 foot (5 m) XLR/XLR cable or 16 foot (5 m) XLR/jack cable
- On/off switch
- Sturdy die-cast metal body



D 88 S/XLR D 88 S/Jack

The D 88 S is a dynamic handheld microphone for lead vocalists. The super cardioid polar pattern guarantees for utmost gain before feedback and makes the **voice cut through the mix** more easily. Its **heavy duty metal body** will take some **tough handling**. The microphone comes with an integrated on/off-switch, stand adapter and the choice of 5 m (16 ft.) XLR/XLR or XLR/JACK cable.

Item numbers:
D 88 S/XLR 3100H0008
D 88 S/Jack 3100H0009

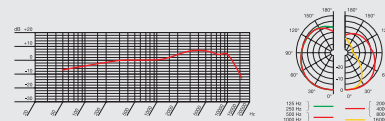


D 77 S/XLR D 77 S/Jack

The D 77 S microphone is **ideal for backing vocals**, guitar, wind instruments and many other applications. Metal case and wire mesh grill for **exceptional ruggedness**.

The microphone comes with an integrated on/off-switch, stand adapter and the choice of 5 m (16 ft.) XLR/XLR or XLR/JACK cable.

Item numbers:
D 77 S/XLR 3100H0006
D 77 S/Jack 3100H0007

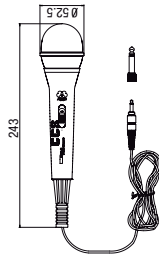


• Polar pattern:	supercardioid
• Frequency range:	40 to 20,000 Hz
• Sensitivity:	2.5 mV/Pa
• Impedance:	300 ohms
• Net/shipp. weight:	260 g (0.57 lbs.)/1,200 g (2.65 lbs.)
• Finish:	Zinc/alloy diecast
• Dimensions:	length: 186 mm (7.3 in.) diameter: 52.5 mm (2.07 in.)
• Standard accessories:	stand adapter D 88 S/XLR: 5m (16.5 ft.) XLR to XLR cable D 88 S/Jack: 5m (16.5 ft.) XLR to 1/4" jack cable
• Optional accessories:	W 23, W 880, H 30, H 50, SA 44, SA 61, ST 1, ST 45, ST 46, ST 305

• Polar pattern:	cardioid
• Frequency range:	40 to 20,000 Hz
• Sensitivity:	2.5 mV/Pa
• Impedance:	600 ohms
• Net/shipp. weight:	260 g (0.57 lbs.)/1,200 g (2.65 lbs.)
• Finish:	Zinc/alloy diecast
• Dimensions:	length: 178 mm (7 in.) diameter: 52.5 mm (2.07 in.)
• Standard accessories:	stand adapter D 77 S/XLR: 5m (16.5 ft.) XLR to XLR cable D 77 S/Jack: 5m (16.5 ft.) XLR to 1/4" jack cable
• Optional accessories:	W 23, W 880, H 30, H 50, SA 44, SA 61, ST 1, ST 45, ST 46, ST 305

Vocals
Karaoke

- Vocal/general-purpose microphone
- Sturdy die-cast metal body
- On/off switch
- 16 foot (5 m) cable w/mini jack and 1/4" adapter

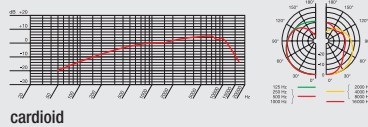


D 55 S

Easy to use microphone for jobs ranging from **hi-fi recording and karaoke** to dictating or other speech recording applications. The true allround microphone with an **impact resistant plastic body** and fixed cable with mini jack plug and 1/4" adapter.

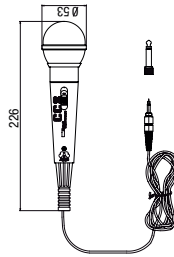
Integrated ON/OFF switch; cardioid polar pattern.

Item number:
D 55 S 3100H0004



Vocals
Karaoke

- Vocal/general-purpose microphone
- On/off switch
- Rugged wire mesh cap with internal protective basket
- 16 foot (5 m) cable w/mini jack and 1/4" adapter

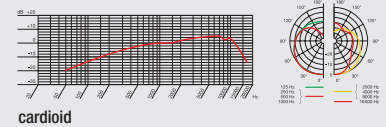


D 44 S

Easy to use microphone for jobs ranging from **hi-fi recording and karaoke** to dictating or other speech recording applications. The true allround microphone with an impact resistant rugged full metal microphone housing and **fixed cable** with mini jack plug and 1/4" adapter.

Integrated ON/OFF switch; cardioid polar pattern.

Item number:
D 44 S 3100H0003



• Polar pattern:	cardioid
• Frequency range:	70 to 18,000 Hz
• Sensitivity:	2.5 mV/Pa
• Impedance:	600 ohms
• Net/shipp. weight:	380 g (0.84 lbs.)/920 g (2.03 lbs.)
• Finish:	Zinc/alloy diecast
• Dimensions:	length: 243 mm (9.6 in.) diameter: 52.5 mm (2.07 in.)
• Standard accessories:	fixed 5 m (16.5 ft.) cable, w/mini jack plug, mini to 1/4" adapter plug
• Optional accessories:	W 23, W 880, H 30, H 50, SA 44, SA 61, ST 1, ST 45, ST 46, ST 305

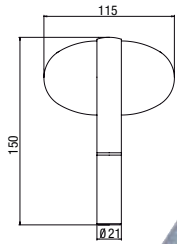
• Polar pattern:	cardioid
• Frequency range:	70 to 18,000 Hz
• Sensitivity:	2.5 mV/Pa
• Impedance:	600 ohms
• Net/shipp. weight:	290 g (0.64 lbs.)/820 g (1.81 lbs.)
• Finish:	Plastics
• Dimensions:	length: 226 mm (8.9 in.) max. diameter: 53 mm (2.1 in.)
• Standard accessories:	fixed 5 m (16.5 ft.) cable, w/mini jack plug, mini to 1/4" adapter plug
• Optional accessories:	W 23, W 880, H 30, H 50, SA 44, SA 61, ST 1, ST 45, ST 46, ST 305

Bass instruments

Live sound

Recording

- Large-diaphragm dynamic microphone for bass instruments
- Extremely high SPL capability
- Classic microphone for stage and studio applications

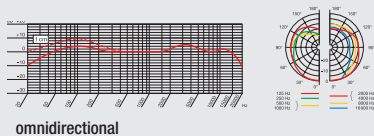


D 112

The **D 112** has earned a well-deserved reputation worldwide as the best kick drum microphone ever made. Heavy-footed drummers won't faze it, because the D 112 handles **up to 160 dB SPL** with no audible distortion. A specially engineered diaphragm with a very low resonance frequency maintains **solid and powerful response below 100 Hz**, while a narrow band presence rise at 4 kHz punches through dense mixes with little or no added EQ. The result is a kick drum sound that ideally balances **precise definition and forceful impact**. The D 112 is also an excellent choice for use with bass cabinets, trombones, etc.

Built-in windscreen, SA 60 stand adapter included.

Item number:
D 112 2220Z0001



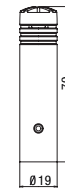
• Polar pattern:	cardioid
• Frequency range:	20 to 17,000 Hz
• Sensitivity:	1.8 mV/Pa (-55 dBV)
• Max. SPL for 0.5% THD:	outside measurement range
• Equivalent noise level:	21 dB-A
• Signal/noise ratio (A-weighted):	73 dB
• Impedance:	≤210 ohms
• Recommended load impedance:	≥600 ohms
• Connector:	3-pin XLR
• Finish:	dark grey metallic enamel
• Dimensions:	150 x 70 x 115 mm (5.9 x 2.8 x 4.5 in.)
• Net/shipping weight:	380 g (13.4 oz.) / 990 g (2.2 lbs.)
• Standard accessories:	SA 60
• Optional accessories:	ST 1, ST 45, ST 305

Cymbals and overhead

Live sound

Recording

- Miniature condenser microphone for cymbal and overhead miking
- Phantom or battery powering options
- Mounts securely on all commercial microphone stands



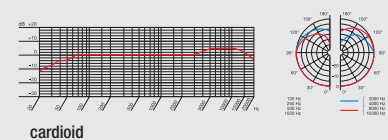
C 430

Specifically designed for cymbal and overhead miking, the frequency response of the **C 430** ensures a uniquely crisp sound. With its **extremely compact external dimensions**, this microphone will keep a low profile in any application without compromising audio quality.

The **major benefits** of the C 430 include:

- Easy to use with any mixer, with no need to use the EQ
- Trouble-free use on open-air stages
- Mounts securely on all commercial microphone stands.

Item number:
C 430 2795Z0001

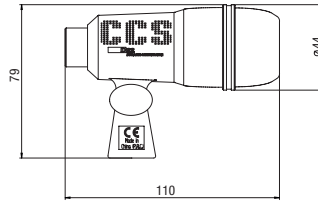


• Polar pattern:	cardioid
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	7 mV/Pa (-43 dBV)
• Max. SPL for 1% /3% THD:	126/130 dB
• Equivalent noise level:	33 dB-A
• Signal/noise ratio (A-weighted):	61 dB
• Impedance:	≤200 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	≤2 mA
• Connector:	3-pin XLR
• Finish:	matte black
• Dimensions:	19 dia. x 79 mm (0.7 x 3.1 in.)
• Net/shipping weight:	23 g (1.1 oz.) / 192 g (6.8 oz.)
• Standard accessories:	microphone bag, SA 60, W 32
• Optional accessories:	B 18, ST 1, ST 45, ST 46, ST 305

Instruments

Live sound

- Dynamic microphone designed for drums and percussions, wind instruments and guitar amps
- Response tailored for neutral reproduction of instrument sounds
- Rugged all-metal body withstands typical tough handling on stage

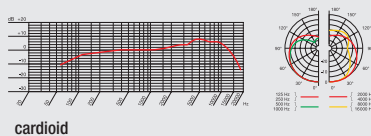


D 22/XLR

The D 22 microphone with its **solid metal case** will stand up to the hardships of on stage use. An **integrated stand adapter** and a bypacked mounting bracket for tom tom etc. make the highly versatile for use on drums, percussions, wind instruments and guitar amps.

Complete with a 5 m (16 ft.) XLR/XLR microphone cable.
Cardioid polar pattern.

Item number:
D 22/XLR 3100H0002



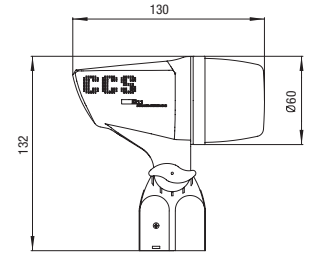
cardioid

- **Polar pattern:** cardioid
- **Frequency range:** 60 to 18,000 Hz
- **Sensitivity:** 2.5 mV/Pa
- **Impedance:** 200 ohms
- **Net/shipp. weight:** 280 g (0.62 lbs.)/1,200 g (2.65 lbs.)
- **Finish:** Zinc/alloy diecast
- **Dimensions:** length: 110 mm (4.3 in.)
height (incl. stand adapter): 79 mm (3.1 in.)
max. diameter: 44 mm (1.7 in.)
- **Standard accessories:** 5 m (16.5 ft.) XLR/XLR cable,
H 440 mounting bracket
- **Optional accessories:** ST 1, ST 45, ST 305

Bass instruments

Live sound

- Dynamic microphone designed for low-pitched instruments
- Powerful sound with gutsy bass range
- Handles highest sound pressure levels with ease

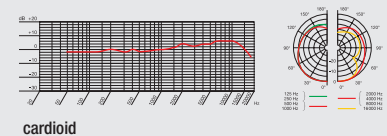


D 11/XLR

Rugged all metal microphone for **bass instruments** such as bass drum, trombone or bass amplifier. It delivers **powerful sound** with a **high energy low end**. Complete with a 5 m (16 ft.) XLR/XLR microphone cable.

Cardioid polar pattern.

Item number:
D 11/XLR 3100H0001



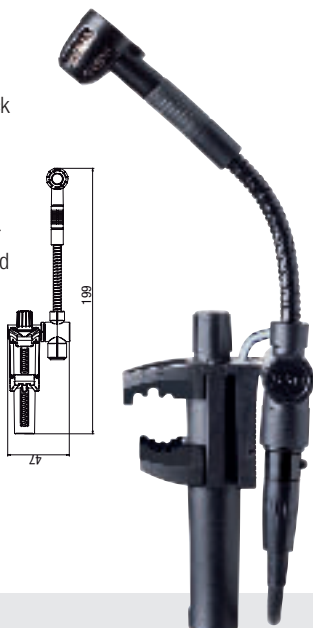
cardioid

- **Polar pattern:** cardioid
- **Frequency range:** 20 to 20,000 Hz
- **Sensitivity:** 2.5 mV/Pa
- **Impedance:** 600 ohms
- **Net/shipp. weight:** 470 g (1.03 lbs.)/1,400 g (3.08 lbs.)
- **Finish:** Zinc/alloy diecast
- **Dimensions:** length: 130 mm (5.1 in.)
height (incl. stand adapter): 132 mm (5.2 in.)
diameter: 60 mm (2.4 in.)
- **Standard accessories:** 5 m (16.5 ft.) XLR/XLR cable
- **Optional accessories:** ST 1, ST 45, ST 305

**Brass
Drums
Percussions
Recording**

NEW

- Miniature cardioid condenser clamp-on microphone with shock mounted capsule
- Ideal for miking drums and percussions
- Including wireless direct adapter for easy use with AKG PT 40 and PT 450
- Detachable microphone cable
- Integrated gooseneck
- Continuously adjustable vise type clamp



C 518

The ultimate **miniature condenser microphone** for drums and percussions. Its cardioid polar pattern rejects overspill from nearby instruments. A continuously adjustable **vise-type clamp** makes it easy to fix the microphone securely on the top hoop of most drums or percussion instruments. An **external shock** mount provides high mechanical-noise rejection. A special **snap-on stabilizer knee** will keep the gooseneck bent at a defined angle. The C 518 M features an integrated, **switchable bass cut** for adjusting the microphone's frequency response to your instrument's sound. The unique adapter plate A 400 allows **easy attachment** of the AKG **pocket transmitters** PT 450 and PT 40.

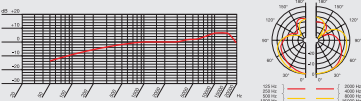
Versions

C 518 M for external phantom powering

C 518 ML for use with the B 29 L battery power supply, AKG WMS Series bodypack transmitters, or the MPA V L adapter for external phantom powering.

Item numbers:

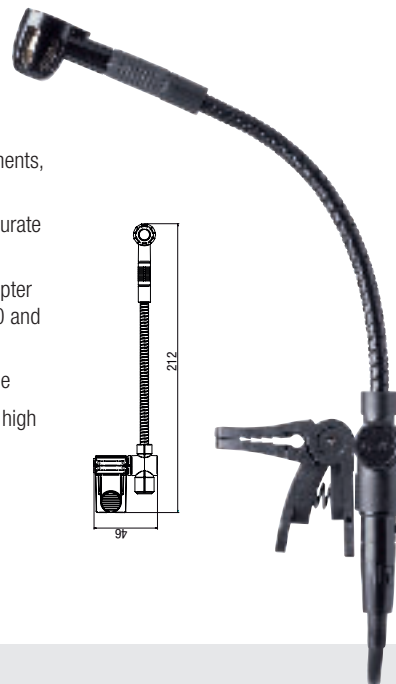
- C 518 M 3064Z0001
- C 518 ML 3064Z0002



**Brass
Drums
Percussions
Woodwinds**

NEW

- Miniature condenser clip-on microphone for wind instruments, drums, and percussions
- Miniature gooseneck for accurate microphone alignment
- Including wireless direct adapter for easy use with AKG PT 40 and PT 450
- Detachable microphone cable
- Transducer shock mount for high mechanical-noise rejection



C 519

The **C 519 clips onto the bell** of a trumpet, saxophone, trombone, tuba, or any **other wind instrument** (e.g. didgeridoo). **Room to move** for the wind section at last! Its tight cardioid polar pattern makes the C 519 an ideal tool for use near monitor wedges, and its flat frequency response delivers a **natural, powerful, and clear sound**.

The C 519 M features an integrated, switchable bass cut for adjusting the microphone's frequency response to your instrument's sound. The unique adapter plate A 400 allows **easy attachment** of the AKG **pocket transmitters** PT 450 and PT 40.

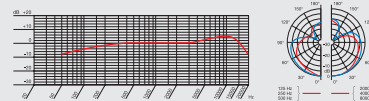
Versions

C 519 M for external phantom powering

C 519 ML for use with the B 29 L battery power supply, AKG WMS Series bodypack transmitters, or the MPA V L adapter for external phantom powering.

Item numbers:

- C 519 M 3065Z0001
- C 519 ML 3065Z0002

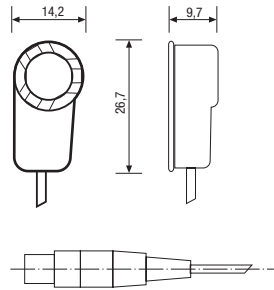


• Polar pattern:	cardioid
• Frequency range:	60 Hz to 20,000 Hz
• Sensitivity:	5 mV/Pa (-46 dBV)
• Max. SPL for 1%/3% THD:	130/132 dB SPL
• Equivalent noise level (IEC 60268-4):	31 dB-A
• Signal/noise ratio (A-weighted):	63 dB
• Impedance:	≤200 ohms
• Recommended load impedance:	≥2000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596 or battery powering from B 29 L, or AKG bodypack transmitter
• Current consumption:	≤ 2 mA
• Connector:	3-pin mini XLR
• Cable:	1.5 m (5 ft.)
• Finish:	matte black
• Dimensions:	length: 200 mm (7.9 in.); max. width: 47 mm (1.9 in.)
• Net/shipping weight (microphone and cable):	C 518 M: 220 g (7.8 oz.) / 450 g (15.9 oz.) C 518 ML: 110 g (3.9 oz.) / 330 g (11.7 oz.)
• Standard accessories:	H 518, microphone bag, W 44; C 518 ML: A 400 adapter for AKG PT 40 or PT 450
• Optional accessories:	B 18, for C 518 ML; B 29 L, MPA V L

• Polar pattern:	cardioid
• Frequency range:	60 Hz to 20,000 Hz
• Sensitivity:	5 mV/Pa (-46 dBV)
• Max. SPL for 1%/3% THD:	130/132 dB SPL
• Equivalent noise level (IEC 60268-4):	31 dB-A
• Signal/noise ratio (A-weighted):	63 dB
• Impedance:	≤200 ohms
• Recommended load impedance:	≥2000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596 or battery powering from B 29 L, or AKG bodypack transmitter
• Current consumption:	≤ 2 mA
• Connector:	3-pin mini XLR
• Cable:	1.5 m (5 ft.)
• Finish:	matte black
• Dimensions:	length: 213 mm (8.4 in.); max. width: 47 mm (1.9 in.)
• Net/shipping weight (microphone and cable):	C 519 M: 195 g (6.9 oz.) / 430 g (15.2 oz.) C 519 ML: 85 g (3 oz.) / 310 g (11 oz.)
• Standard accessories:	microphone bag, W 44; C 519 ML: A 400 adapter for AKG PT 40 or PT 450
• Optional accessories:	B 18, for C 519 ML; B 29 L, MPA V L

**Recording
Strings
Concert hall
Sound/AV company**

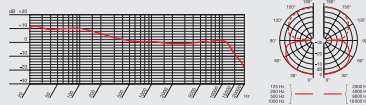
- Ultra-light vibration pickup
- Condenser transducer in sealed enclosure
- Cable with lockable mini XLR connector
- Ideal for miking up acoustic guitars and other string instruments



C 411 L

Weighing only 18 grams (0.6 oz.), this **ultra-light condenser pickup** is ideal for acoustic guitar, mandolin, violin and most other stringed instruments. The C 411 L will give a clear and uncolored sound without changing the balance of the instrument. Attaching the **C 411 L** on or near the bridge is easy with the included non-marring, reusable, solvent-free adhesive compound. You can also fix the **C 411 L** anywhere else on the instrument, depending on the desired sound and the vibration performance of the instrument.

Item number:
C 411 L 2571Z0003

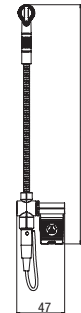
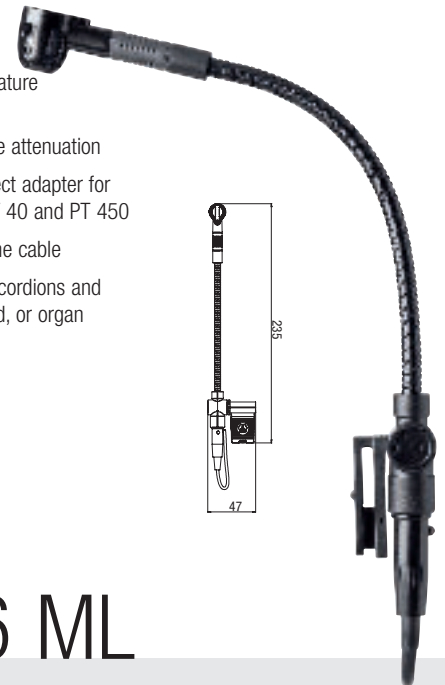


• Polar pattern:	figure-eight (vibration pickup)
• Frequency range:	10 to 18,000 Hz
• Sensitivity:	1 mV/msec-2 (vibration pickup)
• Max. SPL for 1% THD:	100 dB
• Impedance:	<200 ohms unbalanced
• Recommended load impedance:	≥1,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596 or battery powering from B 29 L or AKG bodypack transmitter
• Current consumption:	<2 mA
• Connector:	3-pin mini XLR
• Cable:	1.5 m (5 ft.)
• Finish:	matte black
• Dimensions:	27 x 14 x 9.5 mm (1.1 x 0.5 x 0.3 in.)
• Net/shipping weight:	18 g (0.7 oz.)/150 g (5.5 oz.)
• Standard accessories:	adhesive compound, microphone bag
• Optional accessories:	B 29 L, MPA V L, B 18,

**Live sound
Sound/AV company**

NEW

- Cardioid instrument microphone with miniature mounting bracket
- High mechanical-noise attenuation
- Including wireless direct adapter for easy use with AKG PT 40 and PT 450
- Detachable microphone cable
- Ideal for miking up accordions and guitar, piano, keyboard, or organ amplifiers



C 516 ML

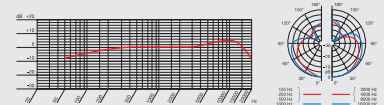
Lightweight cardioid miniature microphone for use on accordions, guitar speakers, piano and keyboard/organ cabinets.

The included screws and double-sided, solvent-free adhesive pads make it **easy to install** the microphone on your instrument or amp exactly where you need it.

Using two C 516 MLs (one on the bass and one on the treble side) and an optional B 29 L battery power supply is an ideal way to mic up an accordion.

The **C 516 ML** is the only version available and can be used with the B 29 L battery power supply, AKG WMS Series bodypack transmitters, or the MPA V L adapter for external phantom powering. The unique adapter plate A 400 allows **easy attachment** of the AKG **pocket transmitters** PT 450 and PT 40.

Item number:
C 516 ML 3063Z0002

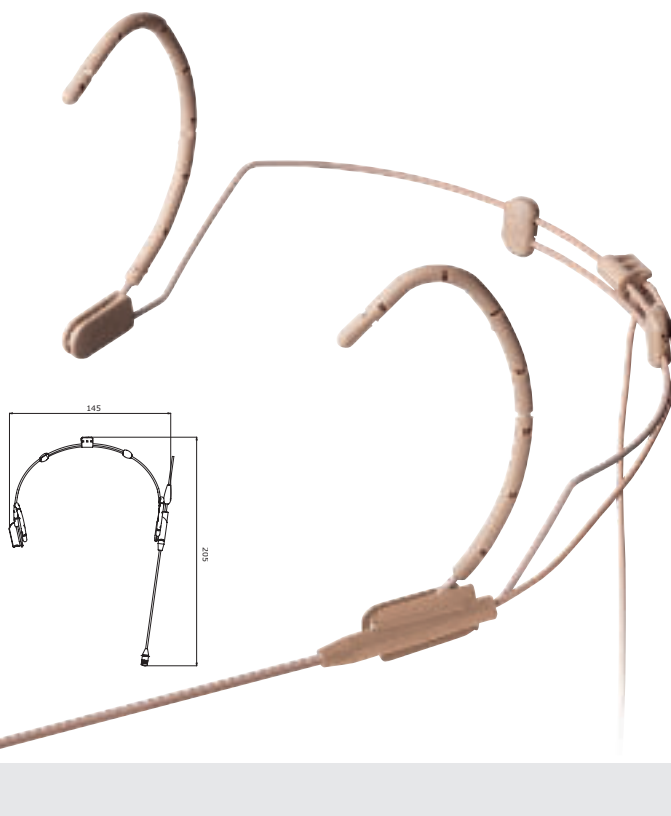


• Polar pattern:	cardioid
• Frequency range:	60 Hz to 20,000 Hz
• Sensitivity:	5 mV/Pa (-46 dBV)
• Max. SPL for 1%/3% THD:	130/132 dB SPL
• Equivalent noise level (IEC 60268-4):	31 dB-A
• Signal/noise ratio (A-weighted):	63 dB
• Impedance:	<200 ohms
• Recommended load impedance:	≥2000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596 or battery powering from B 29 L, or AKG bodypack transmitter
• Current consumption:	<2 mA
• Connector:	3-pin mini XLR
• Cable:	1.5 m (5 ft.)
• Finish:	matte black
• Net/shipping weight (microphone and cable):	46 g (1.6 oz.) / 320 g (11.3 oz.)
• Standard accessories:	A 400 adapter for AKG PT 40 or PT 450, 2 double-sided adhesive rubber plates, 3 countersunkbolts (3 x 30 mm), 3 self-tapping screws (2.9 x 13 mm), elastic adhesive compound, H 516, microphone bag, W 44
• Optional accessories:	B 18, B 29 L, MPA V L

NEW

Theater, Lectern Recording Broadcast

- Head-worn microphone with continuously adjustable behind-the-neck headband and microphone arm
- Excellent comfort
- Insensitive to moisture, perspiration, and salts
- Dual-diaphragm transducer for cable noise suppression
- Compatible with all standard wireless systems
- Microphone arm provides choice of left or right-hand use

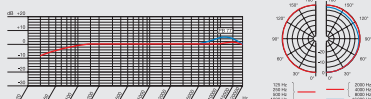


HC 577

The new AKG **HC 577** has been designed to be invisible in the limelight. It is so small it will virtually disappear on stage or on camera, while providing **perfect mobility** and pristine audio quality. A **patented body design** protects the microphone's dual-diaphragm transducer from moisture and perspiration. Mechanical noise, cable noise, etc. are reduced to a minimum. The microphone uses a **CK 77 omnidirectional** transducer that has been an **industry standard** for lavalier capsules for years and ensures **superior audio performance**. The **HC 577** uses dual-ear temple pieces for extreme stability and optimum comfort.

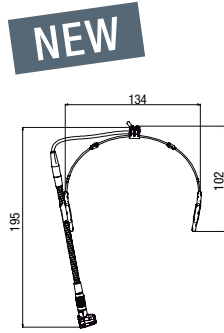
Item number:

HC 577 3141Z0001



• Polar pattern:	omnidirectional
• Frequency range:	20 Hz to 20 kHz
• Sensitivity:	8 mV/Pa (-42 dBV)
• Max. SPL for 1% THD:	133 dB
• Equivalent noise level:	26 dB-A
• Signal/noise ratio (A-weighted):	68 dB
• Impedance:	≤3.5 kohms
• Recommended load impedance:	≥10 kohms
• Powering:	1.5 to 12 V
• Current consumption:	≤0.6 mA
• Connector:	3-pin mini XLR
• Cable:	1.5 m (5 ft.)
• Finish:	flesh tone
• Dimensions:	205 mm (8.1 in.), max. diameter: 145 mm (5.7 in.)
• Net/shipping weight:	28 g (0.99 oz.) / 150 g (5.3 oz.)
• Standard accessories:	W 77
• Optional accessories:	B 18, MPA V L, W 77 M/P, W 77 Set

Head-worn microphone
Handsfree use
Lead and backing vocals



- Head-worn microphone with continuously adjustable behind-the-neck headband
- External shock mount for high mechanical-noise rejection
- Miniature gooseneck for precise positioning near the user's mouth
- Microphone arm provides choice of left or right-hand use



C 520

Head-worn condenser microphone with maximum dynamic range for **perfect vocal sound**. Its cardioid polar pattern effectively rejects unwanted ambient noise. An ideal choice for frontmen, singing keyboardists, drummers, guitarists, and dancers. The microphone arm mounts either on the **left or right side** of the headband as desired. The **C 520** provides the perfect solution for any performer needing a handsfree microphone.

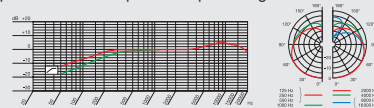
A **transducer shock mount** reduces handling noise to a minimum. The **moisture shield** prevents perspiration from penetrating into the transducer element, ensuring a high degree of humidity protection for the microphone.

Versions

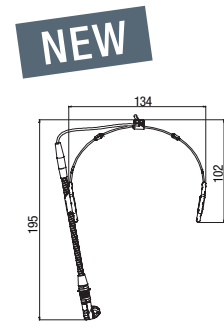
- C 520** for external phantom powering
- C 520 L** for use with the B 29 L battery power supply, AKG WMS Series bodypack transmitters, or the MPA V L adapter for external phantom powering.

Item numbers:

C 520	3066Z0001
C 520 L	3066Z0002



Head-worn microphone for lectern
Handsfree use
Aerobics
Speech



- Head-worn microphone with continuously adjustable behind-the-neck headband
- Moisture shield
- Optimum audio and intelligibility even at high ambient noise levels
- Microphone arm provides choice of left or right-hand use



C 555 L

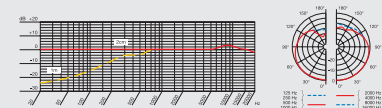
The new **C 555 L** head-worn microphone from AKG is rugged, extremely easy to use, and offers outstanding price/performance. The C 555 L is the ideal microphone for any **handsfree application** including gymnastics instruction, presentations, or onstage performance. The C 555 L rests securely and comfortably on the head, and can be attached to the left or right side of the behind-the-neck headband as desired.

A **transducer shock mount** reduces handling noise to a minimum. The **moisture shield** prevents perspiration from penetrating into the transducer element, ensuring a high degree of humidity protection for the microphone.

The C 555 L is the only version available and can be used with the B 29 L battery power supply, AKG WMS Series bodypack transmitters, or the MPA V L adapter for external phantom powering.

Item number:

C 555 L	3066Z0010
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• Polar pattern:	cardioid
• Frequency range:	60 to 20,000 Hz
• Sensitivity:	5 mV/Pa (-46 dBV)
• Max. SPL for 1%/3% THD:	130/132 dB SPL
• Equivalent noise level (IEC 60268-4):	31 dB-A
• Signal/noise ratio (A-weighted):	63 dB
• Impedance:	<200 ohms
• Recommended load impedance:	≥2000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596 or battery powering from B 29 L, or AKG bodypack transmitter
• Current consumption:	≤2 mA
• Connector:	C 520: 3-pin male XLR; C 520 ML: 3-pin mini XLR
• Cable:	C 520: 3 m (10 ft.); C 520 ML: 1.5 m (5 ft.)
• Finish:	matte black
• Dimensions:	length: 195 mm (7.7 in.); max. diameter: 134 mm (5.3 in.)
• Net/shipping weight:	C 520: 26 g (0.9 oz.) / 380 g (13.4 oz.) C 520 L: 26 g (0.9 oz.) / 260 g (9.2 oz.)
• Standard accessories:	W 44
• Optional accessories:	B 18, B 29 L, MPA V L

• Polar pattern:	cardioid
• Frequency range:	80 to 20,000 Hz
• Sensitivity:	35 mV/Pa (-29 dBV)
• Max. SPL for 1%/3% THD:	126/130 dB SPL
• Equivalent noise level (IEC 60268-4):	22 dB-A
• Signal/noise ratio (A-weighted):	72 dB
• Impedance:	<200 ohms
• Recommended load impedance:	≥2000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596 or battery powering from B 29 L, or AKG bodypack transmitter
• Current consumption:	≤ 2 mA
• Connector:	3-pin mini XLR
• Cable:	1.5 m (5 ft.)
• Finish:	matte black
• Dimensions:	length: 195 mm (7.7 in.); max. diameter: 134 mm (5.3 in.)
• Net/shipping weight:	26 g (0.9 oz.) / 260 g (9.2 oz.)
• Standard accessories:	W 444
• Optional accessories:	B 18, B 29 L, MPA V L

Clip-on microphone for lectern (handsfree use)

Houses of worship

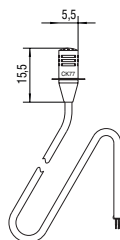
Recording

Theater, onstage miking

- Excellent tool for recording and broadcast applications
- Resistant to moisture, perspiration, and salts
- Dual-diaphragm transducer for suppression of cable noise
- Superior sound, compatible to all popular wireless transmitters

References:

GERMANY: Musical Bonifazius



CK 77 WR

Extremely small omnidirectional lavalier microphone. The patented dual-diaphragm capsule has been designed specifically to **protect** the transducer **from moisture and perspiration**.

The capsule uses two vertical diaphragms mounted back to back and connected out of phase to cancel out **mechanical and cable noise**, etc.

Available versions:

C 577 WR black, with phantom adapter

CK 77 WR L black, with mini-XLR connector

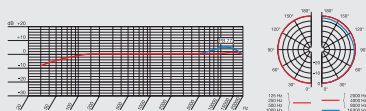
CK 77 WR L/P flesh-tone, with mini-XLR connector

Item numbers:

C 577 WR 2441Z0031

CK 77 WR L 2441Z0039

CK 77 WR L/P 2441Z0040



• Polar pattern:	omnidirectional
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	8 mV/Pa -42 dBV
• Max. SPL for 1% THD:	133 dB
• Equivalent noise level (CCIR 468-3):	37 dB
• Equivalent noise level:	26 dB-A
• Signal/noise ratio (A-weighted):	68 dB
• Impedance:	CK 77 WR (C 577 WR) (<3,500 (<400) ohms)
• Recommended load impedance:	CK 77 WR (C 577 WR) (>10,000 (>2,000) ohms)
• Powering:	CK 77 WR: 1.5 to 12 V; C 577 WR: 9 to 52 V to DIN/IEC
• Current consumption:	≤0,6 mA
• Connector:	CK 77 WR: 3 -pin mini XLR "L", C 577 WR: 3-pin XLR
• Cable:	1.5 m (5 ft.)
• Finish:	various matte colors
• Dimensions:	5.5 dia. x 14 mm (0.2 dia. x 0.55 in.)

• Net/shipping weight:	CK 77 WR: 0.4/85 g (0.014/3 oz.) C 577 WR: 0.4/146 g (0.014/5.2 oz.)
• Standard accessories:	CK 77 WR: adhesive compound, H 40/1, H 41, moisture shield, PB 77, W 77; C 577 WR: adhesive compound, H 39, H 40/1, H 41, moisture shield, PB 77, W 77
• Optional accessories:	W 77 M, W 77 M/P, W 77 Set

**Clip-on microphone for lectern (handsfree use)
Houses of worship**

- Extremely light, inconspicuous lavalier microphone
- Excellent audio quality across the full bandwidth

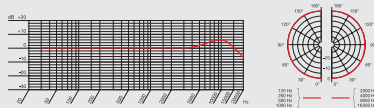


C 417

Affordable **professional miniature condenser microphone**. Its broadband, flat audio reproduction in an omnidirectional format is ideal for all types of broadcast and theatrical applications. The sound is extremely open and natural, making it ideal for wireless or hardwire **multi-mic situations**. An attachment clip, tiepin and windscreen are supplied with each C 417. The C 417 is also available in flesh-tone finish. **C 417 PP**: For hardwire applications, with standard XLR connector for phantom powering. **C 417 L**: With mini XLR connector for use with B 29 L battery operated power supply, MPA V L external phantom power adapter, or AKG WMS bodypack transmitters.

Item numbers:

- C 417 PP 2577Z0012
- C 417 L 2577Z0008



**Houses of worship
Lectern
Tour guide
TV, motion picture,
video production**

- Inconspicuous clip-on microphone
- Natural, airy sound
- High ambient noise rejection

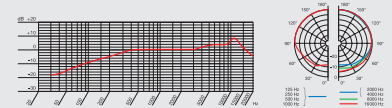


CK 55 L

Low-profile, cost efficient clip-on microphone for applications including houses of worship, lecturers, etc. Connects to AKG bodypack transmitters.

The **CK 55 L** provides a **natural sound**, with a **slight rise above 10 kHz for added clarity**. Its cardioid polar pattern and bass rolloff combine to **suppress unwanted ambient noise**.

- Item number:**
CK 55 L 6000H1720



• Polar pattern:	omnidirectional
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	10 mV/Pa (-40 dB)
• Max. SPL for 1%/3% THD:	118/126 dB
• Equivalent noise level:	34 dB-A
• Signal/noise ratio (A-weighted):	60 dB
• Impedance:	≤200 ohms
• Recommended load impedance:	≥1,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596 or battery powering from B 29 L or AKG bodypack transmitter
• Current consumption:	≤2mA
• Connector:	C 417 PP: 3-pin XLR, C 417 L: 3-pin mini XLR
• Cable:	C 417 PP: 3 m (10 ft.), C 417 L: 1.5 m (5 ft.)
• Finish:	matte black
• Dimensions:	7.5 dia. x 15 mm (0.3 x 0.6 in.)
• Net/shipping weight:	C 417 PP: 68/220 g (2.5/8.1 oz.) C 417 L: 8/160 g (0.3/5.9 oz.)
• Standard accessories:	H 40/1, H 41, microphone bag, W 407
• Optional accessories:	B 18, for C 417 L: B 29 L, MPA V L

• Polar pattern:	cardioid
• Frequency range:	15 to 18,000 Hz
• Sensitivity:	8.8 mV/Pa (-41 dB)
• Max. SPL for 1% THD:	118 dB
• Equivalent noise level:	34 dB-A
• Signal/noise ratio (A-weighted):	60 dB
• Impedance:	≤200 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	1.5 to 10 VDC or 9 to 52 V phantom power to DIN/IEC using MPA V L
• Current consumption:	≤2 mA
• Connector:	3-pin mini XLR
• Cable:	1.6 m (5 ft. 4 in.)
• Finish:	matte black
• Dimensions:	dia.: 8 x 23 mm (0.3 x 0.9 in.)
• Net/shipping weight:	2.5/115 g (0.08/4 oz.)
• Standard accessories:	Clip, W 55
• Optional accessories:	B 18, B 29 L, MPA V L

Gooseneck Microphones

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Installed Microphones

Creating sound systems that ensure optimum intelligibility even in difficult acoustic environments is a major challenge to innovative designers. AKG offers products at several budget levels that are easy to install and unobtrusive in appearance providing premium AKG solutions to help designers meet their unique challenges.



Modular Series

Fully Modular System for Maximum Requirements

The Modular Series from AKG Acoustics is being used worldwide and has proven its worth for many years. It brilliantly fulfils the three key requirements that are essential for sound system applications.

Modularity: Depending on the specific purpose, "special wishes" can often be fulfilled only by modular systems. The Modular Series offers a choice of five capsule modules with different polar patterns and frequency responses. A wide range of goosenecks and installation modules is also available. Besides, there are special-purpose modules for applications that are not covered by any other products available. They can be used as wireless or lavalier microphones as well as for single-user applications.

Reliability: A wide range of features minimizes the risk of operating errors, material fatigue, or signal dropouts. The LED ring and self-cleaning gold-plated contacts for the threaded connections are standard, the switchable bass rolloff filter too.

Low profile: The extremely compact design and matte finish underscore the inconspicuous appearance of the Modular Series. The low-profile installation modules ensure quick setup and takedown of all versions of the Modular Series.

The excellent response and extremely good intelligibility make the Modular Series the first choice whenever quality and reliability have top priority.

Small wonder that decision makers all over the world appreciate AKG as a professional partner.

Added reliability: maximum contact area

The size of the contact area between the microphone capsule and the gooseneck determines the reliability of the entire installation. Instead of the failure-prone conventional point contacts, all Modular Series products use large-area, self-cleaning gold plated contacts that engage in groove-and-tongue fashion. In addition, a hard, rugged thread stabilizes the

joint. The extremely deep groove of the thread prevents misalignment and ensures long useful life of all Modular Series products even if they are used in installations that are frequently reconfigured or in mobile systems. A seemingly small detail, this feature will make your work definitely easier.

The deep groove of the thread prevents the capsule from being misaligned.



Long strips of self-cleaning, gold plated contacts fit together seamlessly.

Added reliability: tested for stability

A high quality gooseneck bends precisely into the desired shape and is resistant to inadvertent readjustment. This stability of shape depends entirely on consistent resilience of the springs inside the gooseneck. Therefore, all Modular Series Gooseneck Modules are subjected to a rigorous quali-

ty test during which they are bent into extreme shapes and must keep their shape until bent again. Any gooseneck that does not pass this test is rejected immediately.



Added reliability: useful indicator LED

All Installation Modules provide an LED ring. A world first, it uses special circuitry to operate off standard phantom power or a separate power supply. The LED ring indicates system status:

- Mic on: The LED ring glows to indicate that the system has been wired correctly and phantom power is on.

Thus, the operator will know at a glance whether the hardware has been installed correctly. There is no need to test each microphone.

- Off: If none of the above functions is desired, the LED ring can be deactivated. In this mode, it is practically invisible.



Added reliability: hidden controls

The phantom power adapter contains two jumpers that let you activate a 250 Hz bass rolloff and deactivate the LED ring. Since the jumpers are hidden inside the adapter case they cannot be realigned unintentionally.

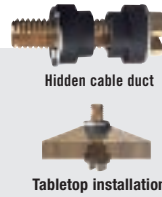
Hidden inside the case, the two jumpers are protected from unintentional misalignment.



GN-Series: Installation

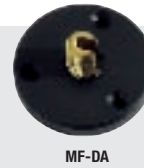
Standard installation hardware

For permanent installation, a 3/8" screw is mounted from below. Two supplied rubber buffers reduce structure-borne noise. The screw requires a 14 mm (0.6 in.) opening.



Optional installation hardware MF-DA Mounting flange

The MF-DA mounting flange is the modular solution for situations where it is impractical to fix a gooseneck from below. The rugged, all-metal MF-DA can be screwed on permanently and allows you to route the cable above or below the tabletop. This installation method is very popular for altars and lecterns.



Optional installation hardware ST 45 Table stand

The ST 45 table stand is the modular solution for mobile applications or installations where supporting surfaces must not be changed. GN Series goosenecks screw directly onto the ST 45. Rugged construction and shock absorbing rubber feet ensure optimum stability and reduce footfall noise.



GN E + GN ESP-Series: Installation

PS 3 F-LOCK

Classic **theft-proof** fixture for easy, material-friendly installation. Required mounting hole: 17 mm (0.7 in.)



ST 45 + SA 60

For easiest installation and takedown of mobile sound systems, the ST 45 table stand can be teamed up with the SA 60 stand adapter. The massive base plate and shock-absorbing rubber feet eliminate footfall noise.



H 600

The H 600 offers optimum attenuation of structure-borne noise, high flexibility, and a **theft-proof** lock. Required mounting hole: 53 mm (2.1 in.) Including reduction socket A 608



H 500

The H 500 is the most cost efficient solution for easy installation and takedown of sound systems. Required mounting hole: 50 mm (2 in.)



ST 1 + SA 60

The ST 1 table stand can be teamed up with the SA 60 stand adapter. It is especially useful for uneven surfaces where the ST 45 base plate cannot be used.



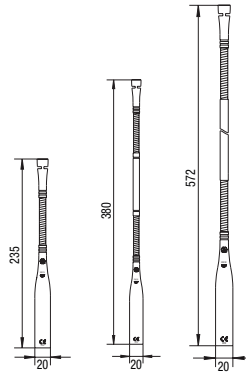
Conference Houses of worship Lectern

- Rugged construction
- Compatible with all Modular Series capsules
- Highly reliable contacts for capsule modules
- Integrated LED ring status indicator
- Integrated, switchable bass cut
- Integrated gold-plated XLR connector

Some References:

SWEDEN: Hässeholms Kulturhus, Varberg Town Hall
CHINA: Tong Zhou Qu Financial Department
NEW ZEALAND: Parliament
NORWAY: Froland Church

GN E Series



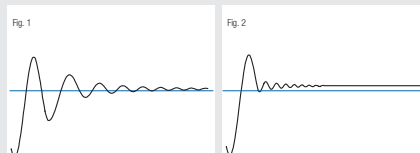
All E-Series modules come with an **integrated connector** for quick setup and takedown. The goosenecks are available in various lengths. GN 15 E: 23.5 cm (9.2 in.); GN 30 E: 38 cm (15 in.); GN 50 E: 57.2 cm (22.3 in.). Of course the GN E series also has an integrated 250 Hz **bass rolloff filter** and **LED ON/OFF jumper**.

Optimum suppression of structure-borne noise

An essential feature of the installation hardware described below is the attenuation of structure-borne noise that prevents the transmission of unwanted noise (footfall etc.). The amount of attenuation is determined by the material mix of the rubber shock mount. Modular Series installation modules use a mixture that is extremely efficient at frequencies below 250 Hz (e.g., knocking noise). Unlike standard rubber mixtures (fig. 1) that respond to vibrations very slowly, the special AKG rubber mixture (fig. 2) absorbs vibrations practically immediately. This prevents successive shocks from adding up. This rubber mixture is used in the H 600 and H 500.

Item numbers:

GN 15 E 2765Z0002
GN 30 E 2765Z0004
GN 50 E 2765Z0009



PS 3 F-Lock included



H 500: Optional shock mount

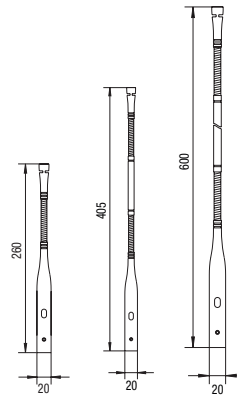


H 600: Optional theft-proof shock mount

- **Bass rolloff filter:** 250 Hz, -10 dB at 50 Hz
- **Impedance:** ≤600 ohms
- **Recommended load impedance:** ≥2,000 ohms
- **Powering:** 9 to 52 V phantom power
- **Current consumption:** ≤3 mA
- **Connector:** 3-pin male XLR
- **Finish:** matte dark grey
- **Dimensions:** max. dia.: 20 mm (0.8 in.), length: 235/380/572 mm (9/14.9/22.3 in.)
- **Net/shipping weight:** 112/396 g (3.9/13.9 oz.), 160/530 g (5.6/18.7 oz.), 160/535 g (5.6/18.8 oz.)
- **Standard accessories:** DPA phantom power adapter (integrated), PS 3 F-lock
- **Optional accessories:** B 18, H 500, H 600, SA 60, ST 1, ST 45

Conference
Houses of worship
Lectern
Paging Applications

- Programmable mute switch
- High RFI (Radio Frequency Interference) immunity
- Rugged construction
- Compatible with all Modular Series capsules
- Highly reliable contacts for capsule modules
- Integrated LED ring status indicator
- Integrated, switchable bass cut
- Integrated, gold-plated XLR connector



GN ESP Series



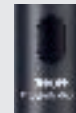
The new **GN ESP Series** features a **programmable mute switch** to cover a wide range of applications. A bank of jumpers makes it easy to select the desired switch function for any application:

- on/off
- push-to-talk
- push-to-mute



The mode selection jumpers are hidden inside the housing so they cannot be realigned unintentionally. An LED Ring provides a clearly visible MIC ON/OFF indication. The bank of jumpers also allows the LED Ring and the integrated bass rolloff filter to be enabled or disabled.

In addition, the new electronic circuit design provides high immunity to radio-frequency interference.



Programmable Mute Switch



GN 15 ESP

GN 30 ESP

GN 50 ESP

Item numbers:

GN 15 ESP	2765Z0045
GN 30 ESP	2765Z0046
GN 50 ESP	2765Z0047

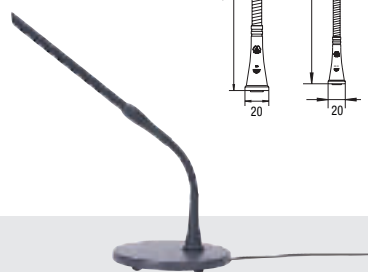
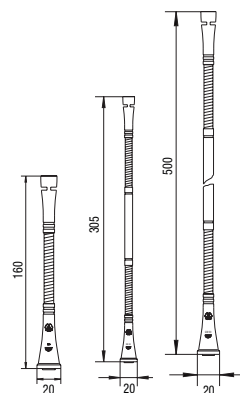
• Bass rolloff filter:	250 Hz, -10 dB bei 50 Hz
• Impedance:	<600 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power to DIN/IEC
• Current consumption:	≤3.5 mA
• Connector:	3-pin male XLR
• Finish:	matte dark grey
• Dimensions:	max. dia.: 20 mm (0.8 in.), length: 260/405/600 mm (10.2/15.9/23.6 in.)
• Net/shipping weight:	140/430 g (4.9/15.2 oz.), 110/522 g (3.9/18.4 oz.), 194/573 g (6.8/20.2 oz.)
• Standard accessories:	DPA phantom power adapter (integrated), PS 3 F-lock
• Optional accessories:	B 18, H 500, H 600, SA 60, ST 1, ST 45

Conference Houses of worship Lectern

- Rugged construction
- Compatible with all Modular Series capsules
- Highly reliable contacts for capsule modules
- Integrated LED ring status indicator
- Integrated switchable bass rolloff
- Attached XLR connector or unterminated cable ends

Some References:

SWEDEN: Häsleholms Kulturhus, Varberg Town Hall
CHINA: Tong Zhou Qu Financial Department
NEW ZEALAND: Parliament
NORWAY: Froland Church



GN Series

For permanent screw-on installation, AKG offers goosenecks in various lengths: GN 15: approx. 15 cm (6 in.); GN 30: approx. 30 cm (12 in.); GN 50: approx. 50 cm (20 in.). Except for the GN 30 oc with unterminated cable ends, all come with a DPA in-line XLR phantom power adapter with **integrated 250 Hz bass rolloff** and **LED ON/OFF jumper**. The DPA connects to any standard mixer input with 9 to 52 V power supply. The mini XLR connector will thread through any hole from 11 mm (0.44 in.) in diameter. This eliminates the need for large holes or awkward unsoldering and resoldering of the much larger phantom power adapter during installation.

Standard accessory: Phantom power adapter

The external phantom power adapter of the GN series makes setting up the goosenecks much easier, since a small hole will suffice for threading through a mini XLR connector. Having disconnected the cable, the integrated bass cut can be set quite easily inside the phantom power adapter. The phantom power adapter will operate off any available phantom power supply from 9 to 52 V, powering both the condenser capsule and the LED ring.

Item numbers:

GN 15	2765Z0001
GN 30	2765Z0003
GN 30 OC	2765Z0005
GN 50	2765Z0008



Standard installation hardware included



GN 15

GN 30

GN 50

• Bass rolloff filter:	250 Hz, -10 dB at 50 Hz
• Impedance:	≤600 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power DIN/IEC
• Current consumption:	≤3 mA
• Connector:	3-pin male XLR; GN 30 OC: stripped and tinned leads
• Cable:	1.5 m (5 ft.)
• Finish:	matte dark grey
• Dimensions:	max. dia.: 20 mm (0.8 in.), length: 160/305/500 mm (6.3/12/20 in.)
• Net/shipping weight	72/400 g (2.5/14.1 oz.), 110/522 g (3.9/18.4 oz.), 120/495 g (4.2/17.5 oz.)
• Standard accessories:	DPA phantom power adapter, screw set with rubber bush
• Optional accessories:	B 18, MF-DA installation flange, H 600, ST 1, ST 45

**Conference
Houses of worship
Lectern**

- Gooseneck with gold-plated 5Pin XLR connector
- Compatible with all Modular Series capsules
- Extra large controllable LED ring
- Highly reliable contacts for capsule modules
- Integrated switchable bass cut



GN E 5Pin Series

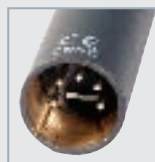
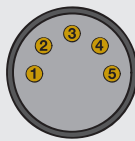
Similar to the GN E Modules, the **GN E 5Pin Modules** come with an integrated connector with phantom power adapter. One special feature is the 5-pin XLR connector, which ensures that the extra-large LED ring can be activated and deactivated using a separate power supply, e.g., a Logic out from any automatic mixer. The **LED ring is extra large for enhanced visibility**. Of course the GN E 5Pin also has the same features as all Modular Series installation modules, such as a gold-plated thread for screwing on the capsule, **integrated switchable bass cut**, and extremely strong joints that will withstand the toughest kind of usage.

5-pin connector

The 5-pin XLR connector allows the audio signal and the control voltage for the LED ring to be fed separately.

Connector pinout

- 1 – Audio ground
- 2 – LED ring +
- 3 – Audio inphase
- 4 – LED ring –
- 5 – Audio return



5-pin XLR connector

Item numbers

- GN 15 E 5Pin 2765Z0039
- GN 30 E 5Pin 2765Z0040
- GN 50 E 5Pin 2765Z0041

GN 15 E 5Pin

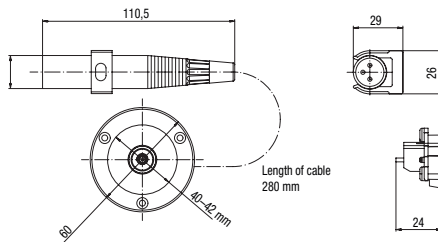
GN 30 E 5Pin

GN 50 E 5Pin

• Bass rolloff filter:	250 Hz, -10 dB at 50 Hz
• Impedance:	≤600 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power
• Current consumption:	≤3 mA
• Connector:	5-pin male XLR
• Finish:	matte dark grey
• Dimensions:	20 Ø x 235/380/572 mm, (0.8 Ø x 9/14.9/22.4 in.)
• Net/shipping weight	112/396 g (3.9/13.9 oz.) 160/530 g (5.6/18.7 oz.) 160/535 g (5.6/18.8 oz.)
• Optional accessories:	H 500, H 600, SA 60, ST 1, ST 45

Conference Houses of worship Lectern

- Gooseneck with screw thread and mini jack
- Compatible with all Modular Series capsules
- Installation module with permanently soldered remote phantom power adapter
- Extra large LED ring
- Highly reliable contacts for capsule modules
- Integrated switchable bass cut



GN Minijack Series

The **GN Minijack System** makes installing and removing goosenecks quicker than ever. The HCS mounting flange is installed in the table surface and the permanently-soldered phantom adapter is fastened to the underside of the table so that all the wiring is invisible. The goosenecks can be mounted and removed very quickly as required and the integrated minijack ensures long-term contact reliability. **The LED ring on the gooseneck can be powered separately** and the microphone can be activated and deactivated by a logic circuit (such as the logic output on automatic mixers) so you can see at a glance which microphones are active.

The “turbo” among modular mic systems

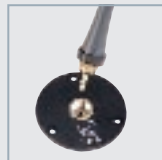
The **GN Minijack System** is especially useful when **goosenecks of different lengths** must be **changed quickly** or when theft cannot be prevented with standard locking systems. All that remains on the table is an unobtrusive metal disk. In addition, the GN Minijack mount features a rubber backing on its underside which attenuates structure-borne noise. When the gooseneck is detached, the opening can be closed with an attached flap to prevent dust and liquid from getting in.

Item numbers:

GN 30 Minijack	276520036
GN 50 Minijack	276520037



HCS + DPA included



HCS + GN Minijack



HCS + GN Minijack fixed



GN 30 Minijack



GN 50 Minijack

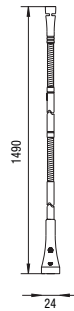
• Bass cut filter:	250 Hz, -10 dB at 50 Hz
• Impedance:	≤600 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	≤3 mA
• Connector:	3-pin male XLR
• Finish:	matte dark grey
• Dimensions:	20 Ø x 305/500 mm (0.8 Ø x 12/20 in.)
• Net/shipping weight:	110/522 g (3.9/18.4 oz.), 120/495 g (4.2/17.5 oz.)
• Standard accessories:	DPA phantom power adapter, HCS

Conference Houses of worship Lectern

- Elegant floor stand
- Compatible with all Modular Series capsules
- Integrated LED ring
- Rugged all-metal construction
- Screw-on extension tube

Some References:

USA: Austrian Embassy in Washington
AUSTRIA: Kaiserebersdorf Parish



GN 155 Set

Elegant gooseneck module with **integrated LED ring** status indicator and heavy, shock-mounted floor stand in matte gray finish for use with all Discreet Acoustics capsule modules. Suitable for stand-alone use on stage or placed in front of a lectern. Two flexible gooseneck sections allow optimum alignment with users in different positions.

A supplied **screw-on extension tube** can be used to **raise** the microphone **for tall users**. The attached 10 m (33 ft.) cable with XLR phantom power adapter is long enough to **reach the edge** of most stages **without using an extension cable**. Excellent for use as a lectern microphone in houses of worship, meeting halls, etc.

Item number:
GN 155 Set 2765Z0018

GN 155 Choir*

Compatible with all Discreet Acoustics Modular Capsules.

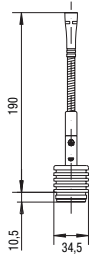
WMS 400/155 Choir*

This combines the best of the WMS 400 wireless system with the GN 155 Choir for specialized wireless choir mic applications.

*Available only in the USA. For more details please visit www.akg.com/usa

Conference Houses of worship Lectern

- Gooseneck for wireless microphone applications
- Compatible with all Modular Series capsules
- Wireless gooseneck microphone
- Rugged all-metal construction
- Compatible with WMS 450 and WMS 4000 wireless receivers



GN 15 HT

The **GN 15 HT** lets you convert an **HT 4000 handheld transmitter into a wireless gooseneck microphone**. The **GN 15 HT** can be used with all Modular Series capsules and provides a perfect solution when microphones need to be set up quickly or moved, such as press conferences, presentations or panel discussions. The GN 15 HT has an LED ring that illuminates when the transmitter is on.

Wireless application

When used with the AKG WMS 4000 wireless system, the GN 15 HT makes configuring a system for any use incredibly easy. Its modular concept offers you a choice of five different capsules for customizing to different applications. See page 42 ff for more information.

Item number:
GN 15 HT 2765Z0017

• Bass rolloff filter:	250 Hz, -10 dB at 50 Hz
• Impedance:	≤600 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power to DIN/IEC
• Current Consumption:	≤3 mA
• Connector:	3-pin male XLR
• Cable:	10 m (33 ft.)
• Finish:	matte dark grey
• Dimension:	180 x 1,490 mm (7.1 in. x 4 ft. 11 in.)
• Net/shipping weight:	3.6/4.8 kg (8/10.6 lbs.)
• Standard accessories:	ST 305, extension tube
• Optional accessories:	B 18

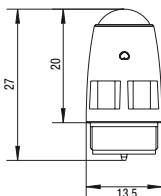
• Connector:	compatible to HT 4000
• Finish:	matte dark grey
• Dimension:	34,5 Ø x 190 mm (1.4 Ø x 7.6 in.)
• Net/shipping weight:	143/345 g (5/12.2 oz.)
• Optional accessories:	SA 63, ST 1, ST 45

Conference Houses of worship Lectern Theater, onstage miking

- Screw-on Capsule module
- Cardioid polar pattern
- Wide pickup angle
- Highly efficient windscreen
- Wide frequency range
- 125° pickup angle

Some References:

CHINA: Hong Kong Office of the Telecommunication Authority, Tong Zhou Qu Financial Department
GERMANY: Hannover Town Hall
NEW ZEALAND: Parliament Building, Wellington
NORWAY: Blakstad Hospital

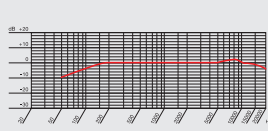


CK 31

Capsule modules have been designed for a **wide range of applications** in fixed or temporary sound systems and provide excellent audio as well as high gain before feedback. These rugged capsules provide a choice of polar patterns and can be combined as needed to obtain the optimum solution for every application. The **CK 31** is the perfect choice for any application where **more than one person would use the microphone** or the user would talk into the microphone **from widely varying angles**.

Item number:

CK 31 2765Z0020

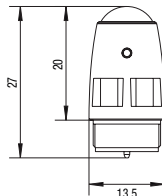


Recording Surveillance

- Screw-on Capsule module
- Omnidirectional polar pattern
- Suited for recording or surveillance use
- Highly efficient windscreen
- Wide frequency range
- 360° pickup angle

Some References:

SWEDEN: Hässeholms Kulturhus, Varberg Town Hall



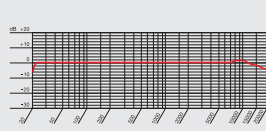
CK 32

The **CK 32** is used primarily for **recording or surveillance** applications.

Due to its high sensitivity in all directions, the **CK 32** omnidirectional capsule is an excellent choice for all applications requiring ambience pickup. The body is identical to that of the CK 31 and CK 33.

Item number:

CK 32 2765Z0021

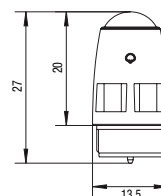


Conference Houses of worship Lectern Theater, onstage miking

- Screw-on Capsule module
- Hypercardioid polar pattern
- Suited for use in acoustically critical rooms/situations
- Highly efficient windscreen
- Wide frequency range
- 95° pickup angle

Some References:

CANADA: Ministère Justice, Québec
GERMANY: Bavarian State Chancellery
USA: Austria's Embassy in Washington
AUSTRIA: St. Martin's Cathedral, Eisenstadt



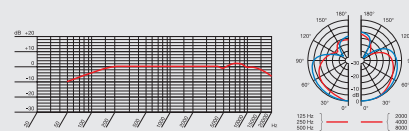
CK 33

The **CK 33** has been designed primarily for **use in acoustically critical rooms/situations**.

Due to the narrow **95° pickup angle**, the hypercardioid polar pattern is a good choice for all situations when noise typically arrives from the sides especially in houses of worship, where **people talk into the microphone from greater distances**, or where several talkers are grouped side by side. The body is identical to that of the CK 31 and CK 32.

Item number:

CK 33 2765Z0022



• Polar pattern:	cardioid	omnidirectional	hypercardioid
• Frequency range:	50 to 20,000 Hz	20 to 20,000 Hz	50 to 20,000 Hz
• Sensitivity:	20 mV/Pa (-34 dBV)	14 mV/Pa (-34 dBV)	20 mV/Pa (-34 dBV)
• Max. SPL for 1% THD:	125 dB	125 dB	125 dB
• Equivalent noise level:	21 dB-A	20 dB-A	21 dB-A
• Signal/noise ratio (A-weighted):	73 dB	74 dB	73 dB
• Impedance:	≤600 ohms	≤600 ohms	≤600 ohms
• Recommended load impedance:	≥2,000 ohms	≥2,000 ohms	≥2,000 ohms
• Powering:	9 to 52 V phantom power, requires DPA adapter (supplied with most Installation Modules)	9 to 52 V phantom power, requires DPA adapter (supplied with most Installation Modules)	9 to 52 V phantom power, requires DPA adapter (supplied with most Installation Modules)
• Current Consumption:	≤3 mA	≤3 mA	≤3 mA
• Connector:	Modular Series standard	Modular Series standard	Modular Series standard
• Finish:	matte dark grey	matte dark grey	matte dark grey
• Dimensions:	13.5 dia. x 20 mm (0.5 dia. x 0.8 in.)	13.5 dia. x 20 mm (0.5 dia. x 0.8 in.)	13.5 dia. x 20 mm (0.5 dia. x 0.8 in.)
• Net/shipping weight:	5/88 g (0.17/3.1 oz.)	5/88 g (0.17/3.1 oz.)	5/88 g (0.17/3.1 oz.)
• Standard accessories:	W 30	W 30	W 30

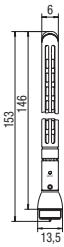
**Conference
Houses of worship
Lectern
Theater,
onstage miking**

- Screw-on Capsule module
- Hypercardioid polar pattern
- Provides optimum audio for speech miking
- Studio quality directional design
- Wide frequency range
- 80° pickup angle

Some References:

GERMANY: Düsseldorf Land Parliament
 SWEDEN: Hässelehöms Kulturhus,
 Varberg Town Hall
 NORWAY: Froland Church

CK 47

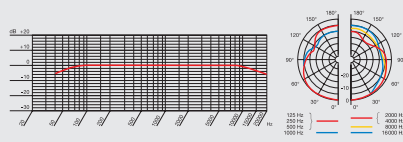


The CK 47 combines an 80° pickup angle, studio quality audio, and clean off-axis response.

It is an ideal tool wherever **studio-standard sound quality** is required or for inexperienced talkers. The CK 47 comes complete with a W 70 windscreen.

Item number:

CK 47 2765Z0023



• Polar pattern:	hypercardioid
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	16.5 mV/Pa (-36 dBV)
• Max. SPL for 1% THD:	133 dB
• Equivalent noise level:	20 dB-A
• Signal/noise ratio (A-weighted):	74 dB
• Impedance:	<600 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power, requires DPA adapter (supplied with most Installation Modules)
• Current Consumption:	<3 mA
• Connector:	Modular Series standard
• Finish:	matte dark grey
• Dimensions:	13.5 dia. x 146 mm (0.5 dia. x 5.7 in.)
• Net/shipping weight:	39/248 g (1.4/8.7 oz.)
• Standard accessories:	W 70

**Conference
Houses of worship
Lectern
Theater,
onstage miking**

- Screw-on Capsule module
- Hypercardioid polar pattern
- Provides excellent intelligibility in acoustically difficult environments
- Directional design
- Speech optimized frequency response
- 80° pickup angle

Some References:

USA: Austria's Embassy in Washington,
 CourtSmart

CK 80

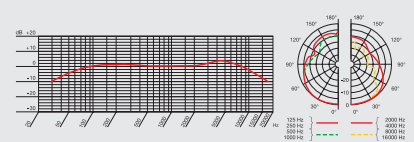


An 80° pickup angle and **speech optimized frequency response** provide **excellent intelligibility in acoustically critical environments**. Its **outstanding price/performance ratio** is just as convincing as its sound and high gain before feedback.

Complete with W 80 windscreen.

Item number:

CK 80 2765Z0024



• Polar pattern:	hypercardioid
• Frequency range:	60 to 15,000 Hz
• Sensitivity:	30 mV/Pa (-30 dBV)
• Max. SPL for 1% THD:	125 dB
• Equivalent noise level:	17 dB-A
• Signal/noise ratio (A-weighted):	77 dB
• Impedance:	<600 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power, requires DPA adapter (supplied with most Installation Modules)
• Current Consumption:	<3 mA
• Connector:	Modular Series standard
• Finish:	matte dark grey
• Dimensions:	13.5 dia. x 146 mm (0.5 dia. x 4.8 in.)
• Net/shipping weight:	15/208 g (0.5/7.3 oz.)
• Standard accessories:	W 80

Compact Series

The quick & affordable Solution for any Sound System

With its **Compact Series** AKG offers a cost efficient alternative for installations where a lean budget has top priority. This is why the Compact Series goosenecks come with only one flexible section, a rigid connection between gooseneck and capsule, and a 3-pin gold-plated XLR connector for joining the gooseneck to the cable.

The **Compact Series** offers a user-friendly system that fulfils its basic functions just perfectly. While an excellent price-performance ratio achieved by focusing on essential features, no compromise was made with regard to the sound of the capsules.

Each of these capsules provides the outstanding, "legendary" AKG sound that enjoys worldwide popularity and accounts for the company's success. Acoustic excellence made in Austria by AKG!

You can choose between goosenecks 30 or 50 cm (12 or 20 in.) long, with either a cardioid or hypercardioid polar pattern, and a cardioid hanging module. For the tough requirements of everyday usage, the DAC Series features rugged all-metal

parts and is designed as a true plug-and-play solution. Quick setup and takedown as well as permanent installations all are possible.

The **Compact Series** is the unique alternative for applications where budget, not modularity, is a major consideration. Moreover, the Compact Series can be combined with the Modular Series, so that modules with additional features can be used as well wherever they are actually needed.

Compact: The integrated capsule

A special feature of the Compact Series is that the gooseneck and microphone capsule form an inseparable unit. The rugged metal front grill is joined permanently to the gooseneck, the contacts inside are soldered. This protects the delicate condenser capsule against mechanical stress and electromagnetic interference, and ensures maximum reliability and excellent audio.



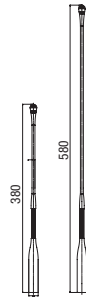
Compact: The basis

The gooseneck foot features an XLR connector with gold-plated contacts, making connecting and mounting incredibly easy. The metal case also houses the electronic components of the microphone. The extra-strong flexible section lets you position the microphone precisely as required.



Conference Houses of worship Lectern

- Cardioid polar pattern
- 30 or 50 cm (12 or 20 in.) long
- 125° pickup angle
- Especially suited for inexperienced talkers
- Connects easily via gold-plated XLR connector



CGN 321 E CGN 521 E

The **cardioid polar pattern** is the most popular because its uses are almost limitless. The **125° pickup angle** is especially suited for inexperienced or very “vivacious” talkers who often fail to talk directly into the microphone.

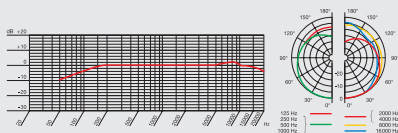
The **choice of two different lengths** and the flexible joint ensure optimum alignment of the gooseneck to any talker position. Numerous options for installation are available, such as mounting on a stand or tabletop, while optional accessories include a lockable mounting fixture.

Item numbers:

CGN 321 E 2965Z0001
CGN 521 E 2965Z0003

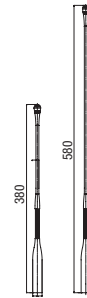


H 500 included



Conference Houses of worship Lectern

- Hypercardioid polar pattern
- 30 or 50 cm (12 or 20 in.) long
- 95° pickup angle
- For acoustically difficult environments
- Connects easily via gold-plated XLR connector



CGN 323 E CGN 523 E

The **hypercardioid polar pattern** with its **narrow 95° pickup angle** is suited best for situations where noise typically occurs from all sides (particularly in houses of worship), where people talk into the microphone from a greater distance, or where several talkers are grouped side by side.

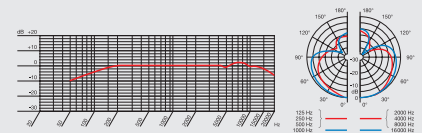
Two different lengths are available. The flexible joint ensures optimum alignment of the gooseneck to any talker position. Several options are available for **installation**, i.e., stand, tabletop installation, and lockable.

Item numbers:

CGN 323 E 2965Z0002
CGN 523 E 2965Z0004



H 500 included

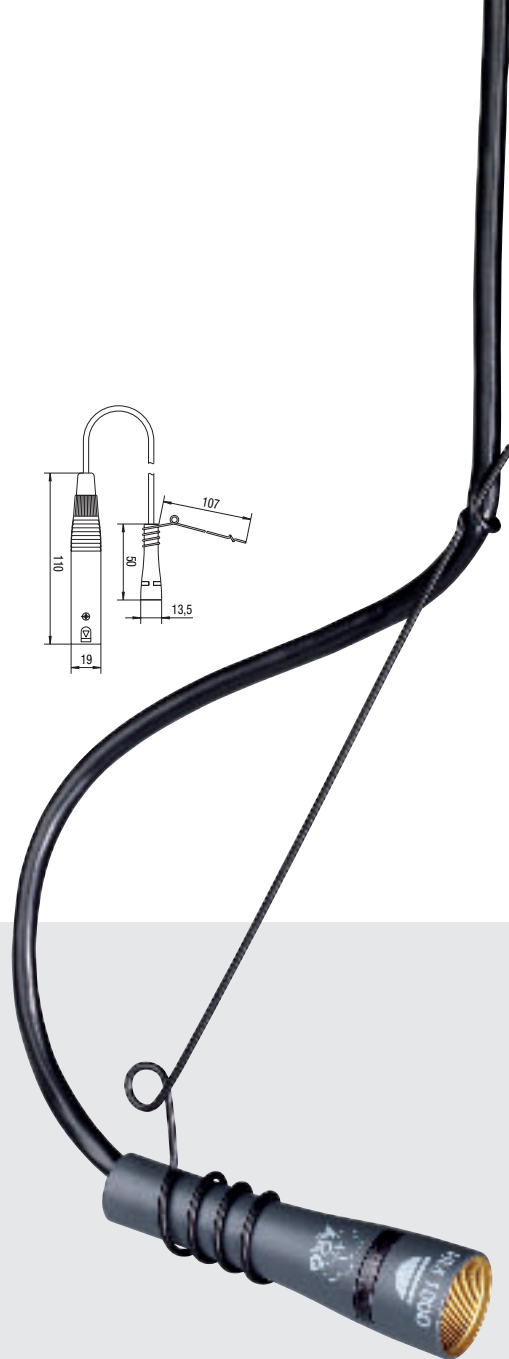
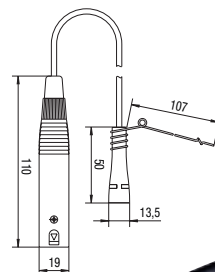


• Polar pattern:	cardioid
• Frequency range:	70 to 18,000 Hz
• Sensitivity:	18 mV/Pa (-35 dBV)
• Max. SPL for 1% THD:	125 dB
• Equivalent noise level:	21 dB-A
• Signal/noise ratio (A-weighted):	73 dB
• Bass cut filter:	250 Hz, -10 dB at 50 Hz
• Impedance:	≤600 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	≤3 mA
• Connector:	3-pin male XLR
• Finish:	matte dark grey
• Dimensions:	13.5 Ø x 380/580 mm (0.5 Ø x 15/23 in.)
• Net/shipping weight:	CGN 321 E: 160/480 g (5.7/17 oz.), CGN 521 E: 170/500 g (6/17.7 oz.)
• Standard accessories:	windscreen, H 500
• Optional accessories:	B 18, PS 3 F-Lock, H 600, SA 60, ST 1, ST 45

• Polar pattern:	cardioid
• Frequency range:	50 to 19,000 Hz
• Sensitivity:	18 mV/Pa (-35 dBV)
• Max. SPL for 1% THD:	125 dB
• Equivalent noise level:	21 dB-A
• Signal/noise ratio (A-weighted):	73 dB
• Bass cut filter:	250 Hz, -10 dB at 50 Hz
• Impedance:	≤600 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	≤3 mA
• Connector:	3-pin male XLR
• Finish:	matte dark grey
• Dimensions:	13.5 Ø x 380/580 mm (0.5 Ø x 15/23 in.)
• Net/shipping weight:	CGN 323 E: 160/480 g (5.7/17 oz.), CGN 523 E: 170/500 g (6/17.7 oz.)
• Standard accessories:	windscreen, H 500
• Optional accessories:	B 18, PS 3 F-Lock, H 600, SA 60, ST 1, ST 45

Conference
Houses of worship
Surveillance
Theater, onstage miking

- Hanging module with rugged thread connection and self-cleaning, gold plated contacts
- Compatible with all Discreet Acoustics Modular capsules
- Integrated switchable LED ring
- Integrated bass rolloff filter
- Rugged all-metal construction
- Non-reflective anthracite finish
- 95° pickup angle



HM 1000

Using microphones flown from the ceiling to record music or speech in houses of worship, conference rooms, or on theater stages is becoming more and more popular. A **10 m (33 ft.) special cable that is treated specially to reduce twisting to a minimum even if the temperature varies** and a **spring steel hanging clamp** for precise microphone alignment will **keep the microphone securely in its position.**

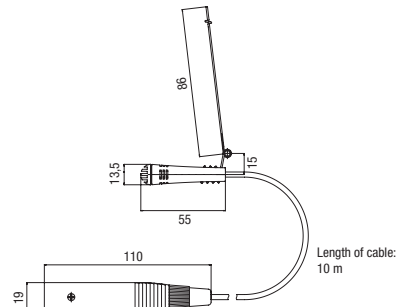
A switchable LED ring helps the sound engineer to check system function during the soundcheck.

Item number:
 HM 1000 2765Z0010

• Bass rolloff filter:	250 Hz, -10 dB at 50 Hz
• Impedance:	≤600 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power to DIN/IEC
• Current Consumption:	≤2 mA
• Connector:	3-pin male XLR
• Cable:	10 m (33 ft.)
• Finish:	matte dark grey
• Dimensions:	13.5 dia. x 50 mm (0.5 dia. x 2.0 in.)
• Net/shipping weight:	400/600 g (14.1 oz./1.3 lbs.)
• Standard accessories:	spring steel hanging clamp
• Optional accessories:	B 18

Conference
Houses of worship
Lectern
Surveillance

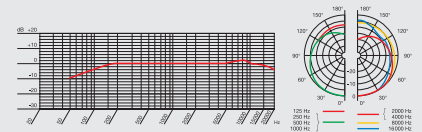
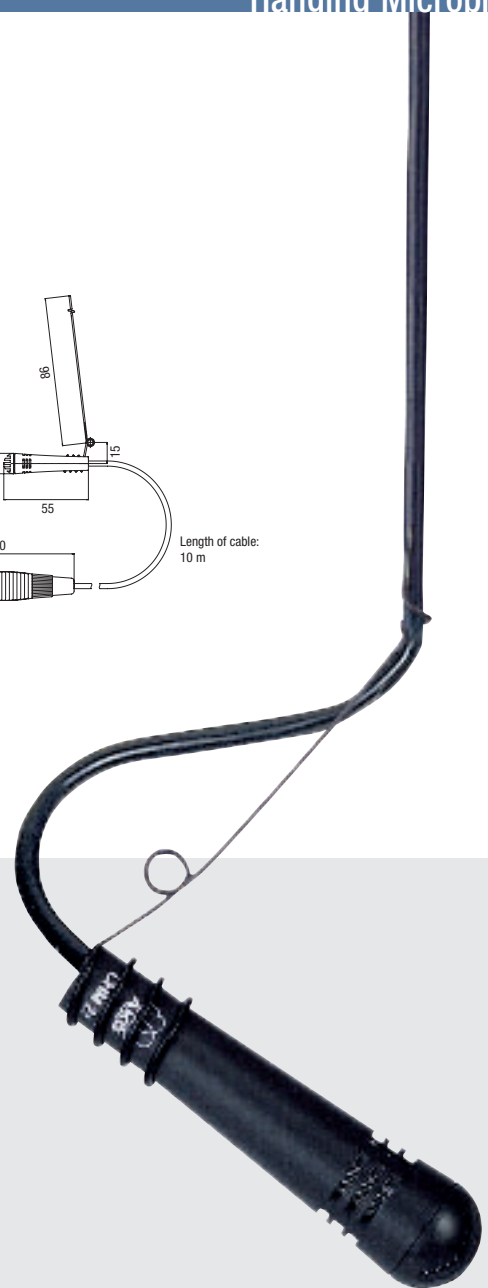
- Condenser Hanging Microphone
- Cardioid polar pattern
- 10 m (33 ft.) cable
- Especially suited for choir recordings
- Integrated spring steel clamp for optimum alignment
- 125° pickup angle



CHM 21

The Compact Series **Condenser Hanging Microphone** provides both ease of use and a high level of functionality. There is hardly any more affordable and simpler solution for **recording choirs at houses of worship**. Suspended from the ceiling or a beam, the hanging microphone is aligned and then fixed in the correct position. Now use the **spring steel clamp** to adjust the **correct angle**, and off you go!

Item number:
 CHM 21 2965Z0005



• Polar pattern:	cardioid
• Frequency range:	70 to 18,000 Hz
• Sensitivity:	18 mV/Pa (-35 dBV)
• Max. SPL for 1% THD:	125 dB
• Equivalent noise level:	21 dB-A
• Signal/noise ratio (A-weighted):	73 dB
• Bass cut filter:	250 Hz, -10 dB at 50 Hz
• Impedance:	≤600 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	≤3 mA
• Connector:	3-pin male XLR
• Cable length:	10 m (33 ft.)

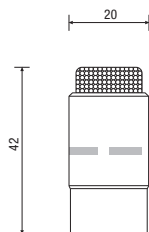
• Finish:	matte dark grey
• Dimensions:	13.5 Ø x 55 mm (0.5 Ø x 2.1 in.)
• Net/shipping weight:	20/480 g (0.7/17 oz.)
• Standard accessories:	spring clamp
• Optional accessories:	B 18

Noisy environment

Ticket window, bank counter, reception desk, restaurant

Bus, train, taxi

- Hypercardioid microphone
- Small and inconspicuous
- Close-talking microphone
- Extremely rugged
- No phantom power required

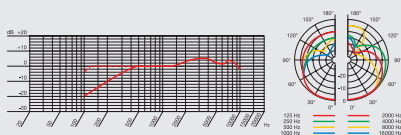


D 58 E

Special, hypercardioid close-talking dynamic microphone for communication and intercom use in noisy environments (train stations, airports, restaurants, ticket windows, reception desks, bank counters, etc.). **Small and lightweight**, the **D 58 E** has an integral XLR connector for mounting on a gooseneck or microphone cable.

The D 58 E is a small and inconspicuous, extremely rugged close-talking microphone.

Item number:
D 58 E 1632Z0015



• Polar pattern:	hypercardioid
• Frequency range:	70 to 10,000 Hz
• Sensitivity:	0.72 mV/Pa (-63 dBV)
• SPL capability:	130 dB
• Impedance:	≤240 ohms
• Recommended load impedance:	≥500 ohms
• Connector:	3-pin XLR
• Finish:	matte, black
• Dimensions:	20 dia. x 42 mm (0.8 dia. x 1.6 in.)
• Net/shipping weight:	40/150 g (1.4/5.3 oz.)
• Optional accessories:	GNS 36, W 32

Houses of worship

Ticket window, bank counter, reception desk, restaurant

- Microphone with rugged, all-metal body
- Frequency response optimized for intelligibility
- Long useful life even in tough day-to-day usage
- Frequency response tailored to speech use
- No phantom power required



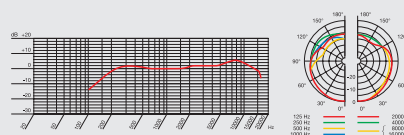
D 542

D 542 E

Rugged, affordable dynamic cardioid gooseneck microphone

for communications use. The **D 542** provides a **frequency response tailored to speech use** for optimum intelligibility as well as **good off-axis rejection for high gain before feedback and suppression of unwanted ambient noise**. The all-metal body ensures a long useful life for the microphone even in tough day-to-day use. The **D 542 E** features a built-in XLR connector for quick connection, while the **D 542** has been designed for permanent (single-hole or screw-on) installation and comes with a 6 ft. 4 in. (2 m) fixed, unterminated cable. The D 542 ST-S is mounted on a table stand with an on/off switch and coiled cable with 3-pin XLR connector.

Item numbers:
D 542 6000H1461
D 542 E 6000H1462

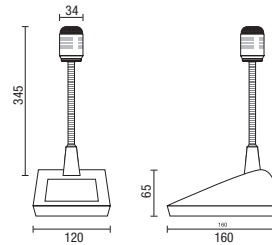


• Polar pattern:	cardioid
• Frequency range:	150 to 15,000 Hz
• Sensitivity:	2.2 mV/Pa (-54 dBV)
• Max. SPL for 1% THD:	133 dB
• Equivalent noise level:	21 dB-A
• Signal/noise ratio (A-weighted):	73 dB
• Impedance:	≤530 ohms
• Recommended load impedance:	≥2,000 ohms
• Connector:	unterminated cable ends D 542 E: 3-pin male XLR
• Cable:	D 542: 2 m (6 ft., 4 in.)
• Finish:	matte grey/black
• Dimensions:	microphone: 34 dia. x 345 mm (1.3 dia. x 13.5 in.) gooseneck: dia. 13 x 300 mm (0.51 x 11.8 in.)
• Net/shipping weight:	D 542: 275/422 g (9.6/14.8 oz.) D 542 E: 285/334 g (10.0/11.7 oz.)
• Optional accessories:	D 542 E: PS 3 F-Lock

Houses of worship

Ticket window, bank counter, reception desk, restaurant

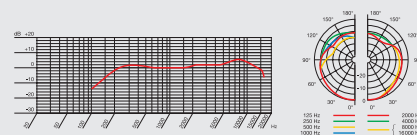
- Microphone with rugged, all-metal body
- Frequency response optimized for intelligibility
- Long useful life even in tough day-to-day usage
- Frequency response tailored to speech use
- No phantom power required



D 542 ST-S

Rugged, affordable dynamic cardioid announcement microphone set for communications use. The microphone is mounted on a table stand with a built-in ON/OFF switch and coiled cable with 3-pin XLR connector for "plug & play" ease of use. **D 542 ST-S** provides a **frequency response tailored to speech use** for optimum intelligibility as well as **good off-axis rejection for high gain before feedback and suppression of unwanted ambient noise**. The matte gray/black, all-metal body ensures a long useful life for the microphone even in rough day-to-day use.

Item number:
D 542 ST-S 6000H1460



• Polar pattern:	cardioid
• Frequency range:	150 to 15,000 Hz
• Sensitivity:	2.2 mV/Pa (-54 dBV)
• Max. SPL for 1% THD:	133 dB
• Equivalent noise level:	21 dB-A
• Signal/noise ratio (A-weighted):	73 dB
• Impedance:	≤530 ohms
• Recommended load impedance:	≥2,000 ohms
• Connector:	3-pin male XLR
• Cable:	approx. 50 to 100 cm (20 to 40 in.), coiled
• Finish:	matte grey/black
• Dimensions:	microphone: 34 dia. x 345 mm (1.3 dia. x 13.5 in.) gooseneck: dia. 13 x 300 mm (0.51 x 11.8 in.); table stand (l x w x h): 160 x 120 x 65 mm (6.3 x 4.7 x 2.5 in.)
• Net/shipping weight:	805/1,125 g (1.8/2.5 lbs.)

Lectern Houses of worship Theater, onstage miking Recording

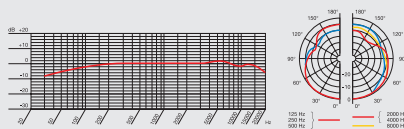
- Slim, high quality directional microphone
- Extended bass and high-end response
- Hypercardioid polar pattern
- High SPL capability
- Ideal choice for difficult miking jobs such as choirs, orchestras, theater, and conferencing



C 747

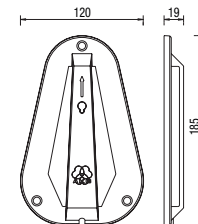
The **C 747** is a **slim directional microphone** designed for **exacting orchestral, choir, podium, and boardroom applications**. Flat, extended frequency response makes it suitable for high quality **live music recording**, while the frequency-independent pattern provides consistent off-axis rejection to control ambient noise and feedback in acoustically difficult environments. With its hypercardioid pickup pattern, the **C 747** is an excellent microphone for noisy discussion groups or reverberant pulpits while it is forgiving enough to clearly pick up talkers moving around in front of the microphone. A switchable bass roll-off filter suppresses mechanical noise. The low-impedance transformerless pre-amp operates off 9 to 52 V phantom power. Standard accessories include a shock mount/adaptor, windscreens, mini gooseneck, stand adaptor, mounting clamp, and thread link.

Item number:
C 747 2226Z0010



Conference Houses of worship Lectern Theater, onstage miking

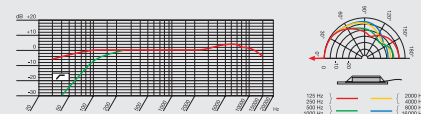
- “Non-crush” case
- Inconspicuous and rugged
- Hypercardioid polar pattern
- Easy to repaint



C 547 BL

Hypercardioid, studio-quality **boundary layer microphone** with rugged, “**non-crush**” case and switchable bass-cut filter for reducing footfall noise, ideal for tough on-stage assignments. Other benefits include optimum acoustic properties, high directivity, and neutral sound. Having the same frequency response, the **C 547 BL** can be combined with the CK 47 with excellent results. Primarily designed for use in houses of worship, theaters, and conferencing, the C 547 BL is also a good choice for miking kick drums and other instruments.

Item numbers:
C 547 BL 2447Z0001

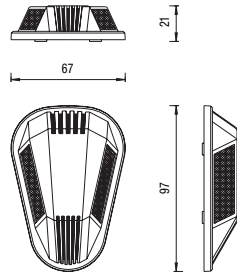


• Polar pattern:	hypercardioid
• Frequency range:	30 to 18,000 Hz
• Sensitivity:	8.5 mV/Pa (-42 dBV)
• SPL capability:	133 dB
• Equivalent noise level (CCIR 468-3):	32 dB
• Equivalent noise level:	21 dB-A
• Signal/noise ratio (A-weighted):	73 dB
• Bass rolloff filter:	12 dB/octave at 150 Hz
• Impedance:	<400 ohms
• Recommended load impedance:	≥1,500 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	≤2 mA
• Connector:	3-pin XLR
• Cable:	3 m (10 ft.)
• Finish:	dark grey
• Dimensions:	9 dia. x 137 mm (0.35 dia. x 5.4 in.)
• Net/shipping weight:	25/750 g (0.9 oz./1.7 lbs.)
• Standard accessories:	H 47, MSH 70, SA 47, SA 80, SHZ 80, W 70
• Optional accessories:	B 18, ST 1, ST 45, ST 46, ST 305

• Polar pattern:	hypercardioid
• Frequency range:	30 to 18,000 Hz
• Sensitivity:	8.5 mV/Pa (-42 dBV)
• Max. SPL for 1% THD:	133 dB
• Equivalent noise level:	22 dB-A
• Signal/noise ratio (A-weighted):	72 dB
• Bass cut filter:	12 dB/octave at 150 Hz
• Impedance:	≤400 ohms
• Recommended load impedance:	≥1,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	≤2 mA
• Connector:	3-pin XLR
• Cable:	3 m (10 ft.)
• Finish:	matte dark grey
• Dimensions:	185 x 120 x 19 mm (7.3 x 4.7 x 0.8 in.)
• Net/shipping weight:	160/420 g (5.6/14.8 oz.)
• Standard accessories:	W 547
• Optional accessories:	B 18

Houses of worship Conference Lectern

- Small and inconspicuous boundary layer microphone
- Shock mounted transducer
- Cardioid polar pattern
- Easy to repaint
- Integrated phantom power adapter

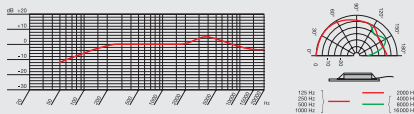


C 680 BL

The **C 680 BL** is a **cost-efficient tabletop microphone** for inconspicuous installation. The transducer shock mount **minimizes knocking noise pickup from the table**. The supplied strip of special adhesive tape allows fixing of the microphone temporarily on a table without staining the table or leaving any residue after removal.

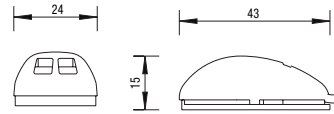
Preferred uses include conferencing, lectern, or houses of worship.

Item number:
C 680 BL 2587Z0001



Houses of worship Lectern Bus, train, taxi Ticket window, bank counter, reception desk, restaurant

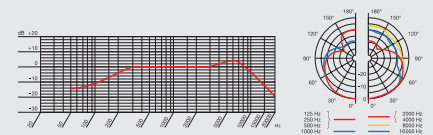
- Small and inconspicuous boundary layer microphone
- Speech optimized frequency response
- Hypercardioid polar pattern
- Easy to repaint



C 400 BL

The **C 400 BL** is the first choice for any application calling for a **small, low-profile boundary layer microphone**. Its uses range from conferencing and lectures to theaters, surveillance, paging, and many others. Its frequency response has been optimized for speech pickup. Its hypercardioid polar pattern, **speech optimized frequency response**, and extremely small dimensions have made the C 400 BL extremely popular. The design is inconspicuous and the housing can be painted easily in any color to make it **almost invisible** against any background colour.

Item number:
C 400 BL 2746Z0002

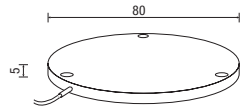


• Polar pattern:	cardioid
• Frequency range:	60 to 20,000 Hz
• Sensitivity:	30 mV/Pa (-30 dBV)
• Max. SPL for 1% THD:	115 dB
• Equivalent noise level:	27 dB-A
• Signal/noise ratio (A-weighted):	67 dB
• Impedance:	≤200 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power to DIN/IEC
• Current Consumption:	≤2 mA
• Connector:	3-pin XLR
• Cable:	3 m (10 ft.)
• Finish:	matte black
• Dimensions:	97 x 67 x 20 mm (3.9 x 2.6 x 0.8 in.)
• Net/shipping weight:	100/400 g (3.5/14.1 oz.)
• Standard accessories:	installation tape
• Optional accessories:	B 18

• Polar pattern:	hypercardioid
• Frequency range:	150 to 15,000 Hz
• Sensitivity:	13.5 mV/Pa (-37 dBV)
• Max. SPL for 1% THD:	115 dB
• Equivalent noise level:	32 dB-A
• Signal/noise ratio (A-weighted):	62 dB
• Impedance:	≤200 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power to DIN/IEC
• Current Consumption:	≤2 mA
• Connector:	3-pin XLR
• Cable:	3 m (10 ft.)
• Finish:	matte black
• Dimensions:	43 x 24 x 15 mm (1.7 x 0.9 x 0.6 in.)
• Net/shipping weight:	5.5/160 g (0.2/5.7 oz.)
• Standard accessories:	installation tape, installation plate
• Optional accessories:	B 18

Recording

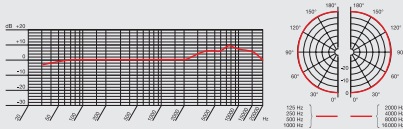
- Small and inconspicuous (only 3.1 inches wide x .2 inches high) – no mic stand needed
- Extended frequency response
- Frequency-independent hemispherical pickup
- High sensitivity
- Extremely rugged with high SPL capability



C 542 BL

The **C 542 BL** is an excellent tool for accurately capturing the “room sound” of acoustic instruments, ensembles or choirs in recording applications. The **C 542 BL** can be attached to the walls or floor of a studio or even directly onto an instrument permanently or temporarily using the supplied adhesive compound. It can also be placed on the lid of a grand piano and deliver spectacular results. The **ultra-thin case** doesn't color the sound and since the front-facing transducer picks up direct sound from the source and the reflections from the surface, everything is accurately reproduced.

Item number:
C 542 BL 2762Z0001

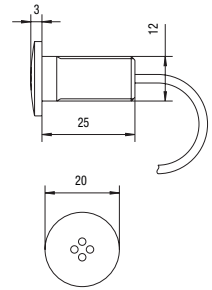


Recording Surveillance

Ticket window, bank counter, reception desk, restaurant

- Small, low-profile boundary layer microphone
- Wide frequency range
- High sensitivity
- Ideal for inconspicuous installation in a room
- Suited for surveillance or recording

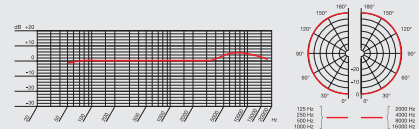
Some References:
USA: CourtSmart



C 562 CM

The **C 562 CM** flush-mount boundary microphone uses the same transducer as the **C 542 BL**. The **C 562 CM** has been designed specifically for **permanent**, “invisible” mounting in ceilings, walls, tables, stage props, etc. Owing to its **high sensitivity**, the **C 562 CM** is a perfect tool for **surveillance or live recording** since a single microphone can cover an entire room. The supplied XLR phantom power adapter connects to the microphone cable through a miniature connector so installation holes can be smaller than the diameter of the phantom power adapter.

Item number:
C 562 CM 2262Z0003

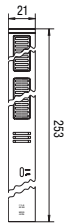


• Polar pattern:	omnidirectional (hemispherical)
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	20 mV/Pa (-34 dBV)
• Max. SPL for 1% THD:	130 dB
• Equivalent noise level (CCIR 468-3):	26 dB
• Equivalent noise level:	16 dB-A
• Signal/noise ratio (A-weighted):	78 dB
• Bass cut filter:	switchable flat or 150 Hz, 12 dB/octave
• Impedance:	≤600 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	≤2 mA
• Connector:	3-pin XLR
• Cable:	3 m (10 ft.) conn. cable with XLR connector, fixed
• Finish:	dark grey
• Dimensions:	80 dia. x 5 (10) mm (3.1 x 0.2/0.4 in.)
• Net/shipping weight:	56 g (2 oz.)/245 g (8.6 oz.)
• Standard accessories:	adhesive compound
• Optional accessories:	B 18

• Polar pattern:	omnidirectional (hemispherical)
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	25 mV/Pa (-32 dBV)
• Max. SPL for 1% THD:	130 dB
• Equivalent noise level:	16 dB-A
• Signal/noise ratio (A-weighted):	78 dB
• Impedance:	≤600 ohms
• Recommended load impedance:	≥2,000 Ohm
• Powering:	9 to 52 V phantom power to DIN/IEC
• Current consumption:	≤2 mA
• Connector:	3-pin XLR
• Cable:	0.5 m (20 in.)
• Finish:	matte nickel plated
• Dimensions:	20 dia. x 28 mm (0.8 dia. x 1.1 in.)
• Net/shipping weight:	30/195 g (1.1/76.9 oz.)
• Standard accessories:	installation hardware, phantom power adapter
• Optional accessories:	B 18

Houses of worship
Lectern
Recording
Theater, onstage
miking
TV, motion picture,
video production

- Compact, short shotgun microphone
- Integrated, switchable bass rolloff filter minimizes mechanical noise
- Ideal for theater, sound reinforcement, film, and TV applications
- Suitable for camera-mounted use

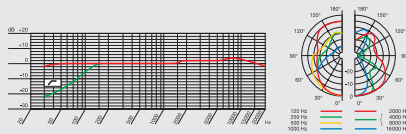


C 568 B

High directivity and **wide frequency response** in a relatively short shotgun make this microphone a perfect tool for **theater, sound reinforcement, and film/TV applications**. Due to its compact and lightweight design, the **C 568 B** is ideal for **camera mount applications**.

Below 500 Hz it functions as a hypercardioid microphone; above 500 Hz the acoustic interference tube introduces increasing directivity. A switchable 12 dB/octave 120 Hz bass rolloff filter effectively suppresses impact and wind noise. The rugged, allmetal body contains the built-in preamp. Phantom powering (9–52 V) required; foam windscreen and stand adapter included.

Item number:
C 568 B 2168Z0004



• Polar pattern:	hypercardioid/directional
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	11 mV/Pa (-39 dBV)
• SPL capability:	128 dB
• Equivalent noise level (CCIR 468-3):	29 dB
• Equivalent noise level:	18 dB-A
• Signal/noise ratio (A-weighted):	76 dB
• Bass rolloff filter:	12 dB/octave at 120 Hz
• Impedance:	≤600 ohms
• Recommended load impedance:	≥2,000 ohms
• Powering:	9 to 52 V phantom power to DIN 45596
• Current consumption:	≤2 mA
• Connector:	3-pin XLR
• Finish:	dark grey
• Dimensions:	21 dia. x 253 mm (0.8 dia. x 10 in.)
• Net/shipping weight:	160/715 g (5.6 oz./1.6 lbs.)
• Standard accessories:	SA 60, W 68
• Optional accessories:	B 18, H 30, ST 1, ST 45, ST 46, ST 305

Houses of worship
Lectern
Recording
Theater, onstage
miking
TV, motion picture,
video production

- Short shotgun for use in noisy environments
- Mounts directly on SE 300 B powering unit or connects via 10 ft. (3 m) cable
- Quick-lock bayonet mount for easy connection to powering unit

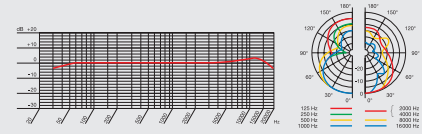


CK 98

The **CK 98** combines **high sensitivity and controlled directivity**. It offers excellent reach, thanks to a very tight polar pattern and exceptionally low self noise. Small size and low weight make the CK 98 ideal for **boom applications**. The smooth, wideband frequency response makes it a superb choice for **edge-of-stage and ceiling placement** in theaters. Includes foam windscreen.

The CK 98 is an AKG Blue Line Series capsule. For details, see pages 18/19.

Item numbers:
CK 98 2439Z0004
SE 300 B 2439Z0005



• Polar pattern:	hypercardioid/directional
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	25 mV/Pa (-32 dBV)
• Max. SPL for 1% THD:	124/134 dB
• Equivalent noise level (CCIR 468-3):	28 dB
• Equivalent noise level:	17 dB-A
• Signal/noise ratio (A-weighted):	77 dB
• Powering:	through SE 300 B
• Current consumption:	through SE 300 B
• Connector:	bayonet mount
• Finish:	dark grey
• Dimensions:	19 dia. x 247/262 mm (0.7 dia. x 9.7/10.3 in.)
• Net/shipping weight:	80/500 g (2.8 oz./1.1 lb.)
• Standard accessories:	W 98
• Optional accessories:	H 30

CS 2 Conference System

The quick & affordable Solution for any Application.

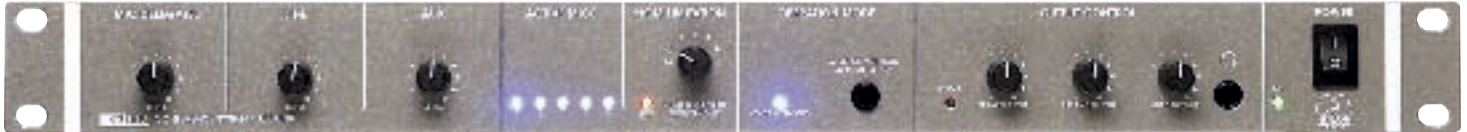
AKG Conference Systems are fully modular and therefore highly flexible, allowing users to create a custom system for any conference application. From microphone capsules to power supplies, designers will find exactly the right components for every type of conference system. AKG Conference Systems use standard single-cable wiring for quick and easy setup and takedown of mobile systems. In addition, single-cable wiring will save time and money in fixed installations, too. Furthermore each Microphone Unit can be used even by two persons when choosing the CK 31 cardioid capsules due to its wide pickup angle.

Conference

- Quick Setup and Takedown. Even of large Systems.
- Ease of use. No training needed.
- For System with up to 80 Microphone Units each Base unit.
- Voice activation or manual PPT control.

Some References

USA: Austria's Embassy in Washington
 CHINA: Education and Manpower Bureau Hong Kong, Tong Zhou Qu Financial Department



The base Unit

CS 2 BU

The Base Unit – The Heart of the CS 2

The Base Unit controls **up to 80 Microphone Units**. For appropriate power supply use a CS PS 20 for up to 40 Microphone Units, two CS PS 20s for up to 80 Units. Furthermore it can be “daisy-chained” to add as many Microphone Units to the system as required. The Base Unit provides all the inputs and outputs usually needed for a conference system, plus some more including an effects insert, headphones jacks, etc.

The **CS 2 Base Unit provides automatic NOM** (Number of Open Microphones) **attenuation**. System gain will decrease by approx. 2 dB any time the number of open microphone doubles, even if they are connected to different units in a multiple Base Unit setup. The result is a substantially lower risk of feedback even if the number of open microphones varies constantly. The **NOM Limitation function** allows the number of simultaneously open microphones to be limited to one, two, three, four, or five. This function can be disabled on any Microphone Unit e.g., one mounted on a lectern, will come on any time, no matter how many mics are already opened. Moreover an automatic Voice activation function can be selected.

Item numbers:

CS 2 CU*	Chair Unit-Desktop version	2770Z0001
CS 2 DU*	Delegate Unit-Desktop version	2770Z0002
CS 5 MF	Mounting Frame for flush mount	2770Z0010
CS 2 BU	Base Unit	6000H3400
CS PS 20	Power Supply	6000H3600
CS MK 1.25 fm	Connecting cable, 1.25 m (4 ft.)	2770Z0011
CS MK 2.5 fm	Connecting cable, 2.5 m (8 ft. 3 in.)	2770Z0012
CS MK 5 fm	Connecting cable, 5 m (16 ft. 5 in.)	2770Z0013
CS MK 10 fm	Connecting cable, 10 m (33 ft.)	2770Z0014
CS MK 20 fm	Connecting cable, 20 m (66 ft.)	2770Z0015
GN 30 CS	Gooseneck, approx. 30 cm (12 in.) long	2765Z0027
GN 50 CS	Gooseneck, approx. 50 cm (20 in.) long	2765Z0028
CS MK AC-EU	EU power cable	6000H3602
CS MK AC-US	US power cable	6000H3603
CS MK AC-UK	UK power cable	6000H3604

* w/o gooseneck and microphone capsule

Specifications CS 2 BU

INPUTS 1-4:

- **Connectors:** 4 x male 15-pin D-Sub HD
- **Nominal input level:** +10 dBu
- **Type:** electronically
- **Max. input level for <1% THD&N:** +13 dBu

LINE INPUT:

- **Connector:** 3-pin female XLR
- **Nominal input level:** ±0 dBu
- **Type:** transformer balanced
- **Input impedance at 1 kHz:** 30 kohms
- **Max. input level for <1% THD&N:** +17 dBu

AUX IN:

- **Connectors:** 2 x female RCA
- **Nominal input level:** -10 dBu
- **Type:** unbalanced
- **Input impedance at 1 kHz:** 33 kohms
- **Max. input level for <1% THD&N:** +15 dBu

OUTPUTS REC OUT:

- **Connectors:** 2 x female RCA

- **Nominal output level:** ±0 dBu
- **Max. output level at 1% THD&N:** +17 dBu
- **Audio bandwidth:** 15 Hz to 50 kHz
- **Min. load impedance:** 500 ohms
- **THD & N at 1 kHz:** 0.01%
- **S/N ratio (22 Hz to 22 kHz, QPK):** 88 dB

LINE OUTPUT:

- **Connector:** 3-pin male XLR
- **Nominal output level:** ±0 dBu
- **Max. output level at 1% THD&N:** +10 dBu
- **Audio bandwidth:** 20 Hz to 40 kHz
- **Min. load impedance:** 300 ohms
- **THD & N at 1 kHz:** 0.02%
- **S/N ratio (22 Hz to 22 kHz, QPK):** 88 dB

SYSTEM:

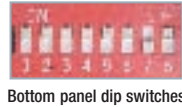
- **Operating voltage:** 23 to 36 VDC
- **Current consumption:** 170 to 200 mA
- **Max. power requirement:** 7.2 W
- **Net/shipping weight:** 2.5 kg (6.2 lbs.)/3.2 kg (7.1 lbs.)
- **Package contents:** Base Unit without power supply

CS 2 DU Delegate Unit/CS 2 CU Chair Unit

The CS 2 is the ideal solution for venues where no sound engineer is available permanently such as meeting rooms, town halls, etc. The central Base Unit controls microphone channels and a priority button allows one or more chairpersons to call the meeting to order. Two types of Microphone Units are available, the **Chair Unit with a priority button** (any number of **Chair Units** can be used in a system) and the Delegate Unit. Providing two loudspeakers, two headphone outputs, and a **“Voice Zoom” function**, each version can be used by two persons. For permanent flush mounting e.g. in a tabletop an optional mounting frame CS 5 MF is available.

Bottom panel dip switches and pots on each Microphone Unit allow many functions to be adjusted individually.

- Voice Activation threshold
- Voice Activation hold time
- Microphone automute after user stops talking
- Enable/disable NOM limitation
- Voice Activation ON/OFF
- Priority level
- “Voice Zoom” ON/OFF
- Loudspeaker/headphones level reset or last setting
- Adjustable compression



Bottom panel dip switches



CS 2 DU Delegate Unit*

CS 2 CU Chair Unit*



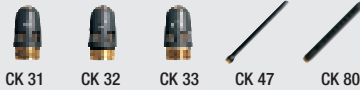
reliable minijack connection for quick change



K 10 conference headphones. for further information please see page 90

System Components

1. Capsules



CK 31 CK 32 CK 33 CK 47 CK 80

Choose from five different microphone capsules

2. Goosenecks



GN 50 CS

GN 30 CS

Gooseneck are available in two different lengths
50 cm (18 in.)
30 cm (12 in.)

3. Microphone Units



CS 2 DU

CS 2 CU

CS 5 MF

Chair and Delegate Microphone Units. Optional flush mounting frame for permanent installation.

4. Connecting Cables



Cable lengths:
1.25 m (4 ft.) to 20 m (66 ft.)

5. Base Unit



Control unit for up to 80 Microphone Units, cascadable

6. Power Supply



CS PS 20

Power supply (w/o IEC power cord) for each 40 Microphone Units.

Specifications CS 2 CU/DU

INPUTS:

- **Compatible Goosenecks:** GN 30 CS, GN 50 CS
- **Compatible Microphones:** CK 31, CK 32, CK 33, CK 47 or CK 80
- **Type:** unbalanced, with DC supply voltage
- **Input Impedance:** 1.5 kΩ
- **Supply Voltage:** 5.5 V DC
- **Max. Input Level:** 25 dB

OUTPUTS:

Line

- **Connector:** 15-pin male HD D-sub
- **Type:** Transformer balanced, floating
- **Rated Output Level:** +10 dBu
- **Audio Bandwidth:** 55–35,000 Hz
- **S/N Ratio, 22 Hz–22 kHz, QPK:** 81 dB
- **System Compatibility:** Microphone station input on Base Unit, compatible with CS 1
- **THD @ 1 kHz:** 0.25%
- **Equivalent Input Noise:** 105 dBu (22 Hz–22 kHz, QPK, Noise Gate On)

HEADPHONES AND BUILT-IN SPEAKERS:

- **Headphones Connectors:** 2 x mini TRS jacks

- **Output Power for <1% THD):** 0.48 W
- **Min. Headphones Load Impedance:** >8 Ω
- **Audio Bandwidth:** 30–45,000 Hz
- **S/N, 22 Hz–22 kHz, QPK:** 81 dB
- **THD @ 1 kHz:** 0.25%
- **Equivalent Input Noise:** 92 dBu (22 Hz–22 kHz, QPK, Noise Gate On)
- **Digital Potentiometer Attenuation:** 32 stages from 0 to -42 dB linear, -82 dB max.

SYSTEM:

- **Adjustable Functions:** Voice Activation threshold, Voice Activation hold time, Microphone automute ON/OFF, Enable/disable NOM limitation, Voice Activation ON/OFF, Priority Level, Compression ON/OFF, “Voice Zoom” ON/OFF, Headphones/speaker volume reset/last setting, Adjustable compression
- **Operating Voltage:** 20–36 V DC
- **Current Consumption:** 35–63 mA
- **Max. Power Requirement:** 1.9 W
- **Size (l x b x h, desktop version):** 257 x 153 x 74 mm (1.0 x 6.0 x 2.9 in.)
- **Net/Shipping Weight:** 950 g/1.5 kg (2.1/3.3 lbs)
- **Finish:** Dark grey, matte black
- **Package Contents:** Station without microphone and cables

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Please note that some of these products may not be available in your country.
For details, please contact your local dealer or national AKG distributor.





Wireless Systems

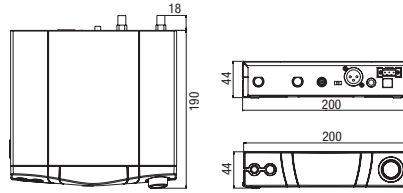
AKG wireless microphone systems include several ranges of products for projects of any scale, from small club gigs to sports events to stadium concerts. To complete the line, AKG has designed the IVM 4, a first-rate wireless in-ear monitor system which features ultra-precise modulation, full flexibility for any live environment, and a choice of 1,200 frequencies.



WMS 4000

Wireless system with network capability for installed and live sound.
Maximum performance – ultra-compact dimensions.

Live sound
Sound/AV companies
Theater, onstage miking
Conference
Houses of worship



- True diversity receiver with all-metal case
- Available in six UHF bands 30 MHz wide each, with up to 1,200 selectable frequencies
- Using several frequency bands allows up to 56 channels to be operated simultaneously.
- Transmitter battery status monitoring and tone code squelch
- Auto Setup, Environment Scan, and Rehearsal functions for quick and easy setup
- Backlit, programmable color display and jog wheel with selectable warning signal for ease of use
- PC interface for remote maintenance and logic output for controlling external devices
- Integrated data interface for controlling and monitoring from a computer

SR 4000



The **SR 4000 true diversity receiver** provides maximum ease of use and the **widest range of functions** in its class. Its **accurate battery life readout** is a previously unavailable, invaluable advantage in live sound applications. A **complete line of accessories** makes the SR 4000 your first choice for every application.

The transmitter uses a **pilot tone** to transmit battery status data to the receiver that displays the remaining battery capacity. The **pilot tone decoder** also allows the detection and display of other important information including the current position of the transmitter MUTE switch.

Auto Setup and Environment Scan functions automatically analyze the local RF environment, find usable frequency groups, and set frequencies. An integrated data interface for connecting the optional HUB 4000 Q (HUB 4000) network concentrator plus dedicated computer software make setting up and monitoring highly complex systems incredibly easy. A **logic output** allows remote control of external devices, e.g., an automatic microphone mixer.

Naturally, the **SR 4000** operates in an extremely wide UHF band (30 MHz) and **each frequency preset provides up to 19 intermodulation-free channels***. The maximum number of **selectable frequencies** is **1200**. Using several frequency bands allows you to operate as many as 56 channels simultaneously.

A large, backlit color display and a jog wheel make the SR 4000 **easy to use** and a programmable LED ring indicates important system parameters **at a glance**. Housed in a half-rack, all-metal case, the SR 4000 is the **most compact, reliable, and powerful UHF receiver in its price bracket**.

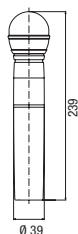
Item number:

The item number depends on the frequency band and type of power supply. Your dealer will be glad to provide information on which combinations are available in your country.

* The actual number of channels that can be used simultaneously depends on local frequency plans.

• RF carrier frequency ranges:	650 to 680, 680 to 710, 720 to 750, 760 to 790, 790 to 820, 835 to 863 MHz
• Modulation:	FM
• Audio bandwidth:	35 to 20,000 Hz
• THD:	<0.3% typical
• Signal/noise ratio:	>120 dB(A) typical
• Audio outputs:	balanced 3-pin XLR; unbalanced TS 1/4" jack; output level adjustable to -30, 0, +6 dB
• Dimensions:	200 x 44 x 190 mm (7.8 x 1.7 x 7.4 in.)
• Weight:	972 g (2.2 lbs.)
• Standard accessories:	Power supply, RMU 4000 rack mounting kit, Color Coding Kit, 2 UHF antennas

- Up to 50 mW RF output for maximum immunity to interference and dropouts
- Operates for up to 15 hours on AA size dry batteries, 12 hours on optional BP 4000 battery pack with integrated Smart Battery Management System
- 30 MHz wide UHF band, up to 1200 selectable frequencies
- Choice of seven interchangeable microphone elements
- Backlit display and jog switch for ease of use
- Charging contacts for easy battery charging on optional charger



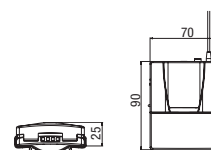
HT 4000

The HT 4000 is a **professional handheld transmitter** with a rugged body and connects to a choice of **seven different microphone elements** to cover a wide range of applications. Microphone elements include dynamic and condenser cardioid and hypercardioid models. The 30 MHz wide UHF band provides up to **1200* selectable frequencies**, and **several preset frequency banks for various countries** help you set up a multichannel system very quickly. A backlit display makes it very easy to tune the HT 4000 to the same frequency as the SR 4000 receiver. A **pilot tone** system continuously sends transmitter status data including MUTE switch position and remaining battery life to the receiver. Integrated charging contacts let you charge the optional BP 4000 battery pack without having to remove it from the transmitter. After only one hour, the battery pack will be fully charged and you can use the transmitter for 12 hours continuously.

Item number:

The item number depends on RF output and frequency band. Your dealer will be glad to provide information on which combinations are available in your country.

- Bodypack transmitter with rugged magnesium body
- 30 MHz wide UHF band, up to 1200 selectable frequencies
- Backlit display and jog switch for ease of use
- Up to 50 mW RF output for maximum immunity to interference and dropouts
- Optional remote mute switch
- Operates for up to 15 hours on AA size dry batteries, 12 hours on optional BP 4000 battery pack with integrated Smart Battery Management System
- Charging contacts for easy battery charging on optional charger



PT 4000

Bodypack transmitter with rugged die-cast magnesium body. The **30 MHz wide UHF band** provides up to **1200* selectable frequencies**, and **several preset frequency banks for various countries** help you set up a multichannel system very quickly.

A backlit display makes it very easy to tune the PT 4000 to the same frequency as the SR 4000 receiver. A **pilot tone** system continuously sends transmitter data including MUTE switch position and remaining battery life to the receiver. Integrated charging contacts let you charge the optional BP 4000 battery pack without having to remove it from the transmitter.

After only one hour, the battery pack will be fully charged and you can use the transmitter for 12 hours continuously. The 3-pin mini XLR input with adjustable gain accommodates both portable instruments and a variety of AKG microphones for every application. An optional **RMS 4000 remote mute switch** allows the user to mute the transmitter without having to fumble for the on-board mute switch.

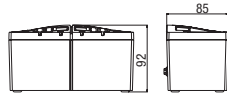
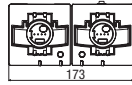
Item number:

The item number depends on RF output and frequency band. Your dealer will be glad to provide information on which combinations are available in your country.

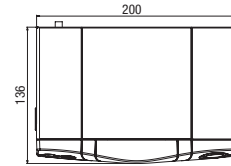
• Carrier frequency ranges:	650 to 680, 680 to 710, 720 to 750, 760 to 790, 790 to 820, 835 to 863 MHz
• Modulation:	FM
• Audio bandwidth:	35 to 20,000 Hz
• THD:	<0.3% typical
• S/N ratio:	>120 dB(A)
• RF radiation:	50 mW max. (ERP)
• Battery life:	2 AA size dry batteries: 15 hours typ.; BP 4000: 12 hours typ.
• Dimensions:	length: 239 mm (9.4 in.); diameter: approx. 39 mm (1.5 in.)
• Net weight:	125 g (11.3 oz.)
• Standard accessories:	2 AA size dry batteries, SA 63 stand adapter, Color Coding Kit

• Carrier frequency ranges:	650 to 680, 680 to 710, 720 to 750, 760 to 790, 790 to 820, 835 to 863 MHz
• Modulation:	FM
• Audio bandwidth:	35 to 20,000 Hz
• THD:	<0.3% typical
• S/N ratio:	>120 dB(A) typical
• RF radiation:	50 mW max. (ERP)
• Battery life:	2 AA size dry batteries: 15 hours typ.; BP 4000 rechargeable battery pack: 12 hours typ.
• Dimensions:	70 x 90 x 25 mm (2.8 x 3.5 x 1 in.)
• Net weight:	95 g (3.4 oz.)
• Standard accessories:	2 AA size dry batteries, belt clip, Color Coding Kit
• Optional accessory:	RMS 4000 external mute switch

- Charger with two charging compartments for two HT 4000, PT 4000 transmitters, or BP 4000 battery packs
- Smart current management system permanently monitors battery parameters to prevent overcharging and suggest recovery cycle
- Microprocessor controlled charge/discharge monitoring function
- Fully charged BP 4000 battery pack lasts for 12 hours and can be charged more than 1000 times to keep operating cost low
- One-hour quick charging of two transmitters



- Ethernet interface for connecting up to eight AKG devices to a HiQnet™ network
- Full HiQnet™ protocol compatibility
- True plug & play device
- All-metal case



CU 4000 BP 4000

The **CU 4000** charger provides two charging compartments to charge either two transmitters (HT 4000, PT 4000) or two BP 4000 battery packs simultaneously. The heart of the charging system is the **BP 4000 rechargeable battery pack** with **built-in active monitoring circuitry**. An **integrated microprocessor** continuously monitors battery status and accurately calculates the remaining battery life. This puts an end to the nightmare of batteries failing on stage. A **processor controlled pulse charging system** charges the battery pack quickly yet gently, and several **monitoring circuits** and a **temperature sensor** prevent the battery pack from being overcharged.

To **eliminate memory effect**, the **CU 4000** automatically checks whether the battery pack needs servicing and automatically starts a recovery cycle when you press the RECOVER button.

Item numbers:

CU 4000 w/o power supply	2887Z0004
EU power supply	7801H0005
US power supply	7801H0006
UK power supply	7801H0007



BP 4000

CU 4000 charger
with PT 4000 and
HT 4000



HUB 4000 Q

The **HUB 4000 Q** enables the use to connect up to eight AKG devices to the **HiQnet™** system developed by Harman Professional. Being a true plug and play device, the **HUB 4000 Q** is connected to a computer via a commercial CAT-5 network cable.

For large wireless systems, several **HUB 4000 Qs** can be combined using standard Ethernet switches (or routers, wireless hubs, etc.), allowing you to configure and monitoring from a single computer. The **System Architect™** control software, once installed on the computer, will automatically identify all **HUB 4000 Qs** connected to the computer. The AKG designed, channel-oriented user interface in **System Architect™** provides intuitive control and makes setting up the system child's play using Environment Scan, Auto Setup Wizard, and many other functions.



SYSTEM ARCHITECT™

The **HUB 4000 Q** quickly and easily integrates the WMS 4000 wireless system into any complex **HiQnet™** environment.

Item numbers:

HUB 4000 Q w/o power supply	2999Z0014
HUB 4000 Q EU power supply	2999Z0011
HUB 4000 Q US power supply	2999Z0012
HUB 4000 Q UK power supply	2999Z0013

• Charging current:	1.5 A
• Operating voltage:	12 V DC, 1.3 A
• Charging time:	1 hour typical
• Recovery cycle:	approx. 8 hours
• Dimensions:	approx. 92 x 173 x 85 mm (3.6 x 6.8 x 3.3 in.)
• Weight:	580 g (1.2 lbs.)
• Standard accessories:	2 BP 4000 battery packs, power supply

• Power supply :	12 V DC +/- 2V
• Current consumption:	200 mA max.
• Ambient temperature:	-10° C to +60° C
• Connectors for AKG devices :	RJ11
• Connector for network card:	RJ45
• Dimensions:	200 x 190 x 44 mm (7.8 x 7.5 x 1.7 in.)
• Weight:	970 g (2.2 lbs.)

The HiQnet™ advantage

- Single software application for central system control
- System-wide intuitive configuration and monitoring
- Built on standard network technologies
- Supports digital audio connections via standard network cables (CobraNet™)
- Designed specifically for complex system control

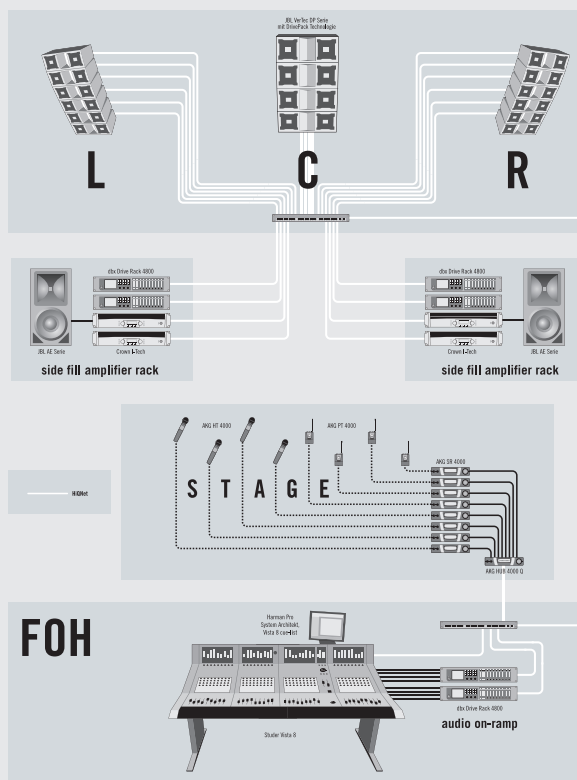


HiQnet™ provides **efficient configuration** and **control** of complex audio systems as well as convenient monitoring of important parameters of all audio devices on the network.

The HiQnet™ protocol **enables compatible devices** from **different manufacturers** to be connected to the **same HiQnet™ network**. For this purpose, HiQnet™ uses standard network technology such as the Ethernet protocol or commercial CAT-5 network cables.

The **heart** of each HiQnet™ network is the **System Architect™** control software. It lets you configure and monitor all the devices on the network using a single graphic user interface. This gives you ultimate control over all parameters of the network devices from your monitor.

For more information, visit www.harmanpro.com/hiqnet



Example for a HiQnet™ System

Microphone capsules for WMS 4000 Systems

The microphone elements listed below can be used with the HT 4000 only, whereas the lavalier and head-worn models are compatible with the PT 4000, PT 450 and PT 40 PRO bodypack transmitters.



To give you maximum flexibility in tailoring a WMS 4000 system to your voice, application and budget, there is a large selection of microphone capsules available. For handheld use, choose between the smooth, powerful sound of the **D 880^M**, **D 3700^M** or **D 3800^M** dynamic capsules or the clear articulate sound of the **C 900^M**, **C 535 EB** or **C 5900^M** condenser capsules. The **GN 15 HT** gooseneck adapter gives you the freedom of wireless with your choice of 5 AKG Discreet Acoustics capsules.



For lavalier and headset applications, you have a choice of broadcast/concert proven AKG models with a range of pickup patterns, size and other features. No other company gives you more options to customize a wireless system than the AKG WMS 4000.

System Description (WMS 4000/450)



PSU 4000

Central power supply

- Powers up to 3 PS 4000s for DC connecting 12 SR 4000
- Powers CU 4000, HUB 4000, HPA 4000
- 3 DC outputs
- IEC power cable with universal power supply that operates anywhere in the world

Item number:
2997Z0004¹⁾



HUB 4000 Q

Network integrator for connecting up to eight SR 4000s to an Ethernet network for programming and monitoring. Can only be used with WMS 4000 systems.

Item number:
2999Z0014²⁾



HPA 4000

Headphone amplifier for monitoring any combination of up to eight SR 4000 receivers through headphones. Jog wheel control for input selection and volume adjustment.

Item number:
2998Z0004²⁾



ZAPD 21

2-into-1 antenna combiner for indoor and outdoor use of near-field antenna setups. Can be used either to split signals or combine them as needed.

Item number:
SERVSON76



RMS 4000

Remote Mute Switch

The RMS 4000 lets a user mute and un-mute the PT 4000 and PT 450 transmitters easily, discreetly and securely when the transmitter is under vestments or a costume. Cable length: 110 cm (43 in.)

Item number:
3009Z0012

RMS 4/SPORT



Perfect for football referees. Available only in the USA.
www.akg.com/usa

¹⁾ PSU 4000
w/o power cable 2997Z0004
w/EU power cable 2997Z0001
w/US power cable 2997Z0002
w/UK power cable 2997Z0003



PS 4000

Multi-Coupler

- Supplies antenna signal and DC power for four SR 4000 receivers
- Two expansion outputs allow signal cascading up to 3 additional PS 4000s from one antenna feed
- Eight BNC antenna signal + DC outputs
- LED status indicators that show antenna and/or cable problems

Item number:
2996Z0008²⁾



ASU 4000

Remote power supply

Remote power supply for complex antenna networks

- BNC input and output
- Locking DC input
- Status LED
- Water-resistant case

Item number:
3009Z0010



AB 4000

High-performance antenna booster for inserting into long antenna cables. One AB 4000 can compensate for approx. 17 dB of cable attenuation. Up to three AB 4000 boosters can be used in series for extremely long cable runs.

- BNC input and output
- DC Input
- Water-resistant case
- Status-LED

Item number:
3009Z0002

• Carrier frequency range:	650 to 870 MHz
• Gain:	-12 to +2 dB, selectable
• RF inputs:	2 BNC sockets, 50 ohms
• RF outputs:	10 BNC sockets, 50 ohms
• Operating voltage:	10 VDC
• Dimensions:	200 x 190 x 44 mm (7.8 x 7.5 x 1.7 in.)
• Weight:	970 g (2.2 lbs.)
• Standard accessories:	RMU 4000
• Optional accessories:	MK PS connecting cable

• Carrier frequency range:	650 to 870 MHz
• RF input:	1 BNC socket, 50 ohms
• RF output:	1 BNC socket, 50 ohms
• Operating voltage:	12 V DC
• Dimensions:	78 x 50 x 50 mm (3.1 x 2.0 x 2.0 in.)
• Weight:	150 g (5.3 oz.)

• Carrier frequency range:	650 to 870 MHz
• Gain:	3.5 to 17.5 dB, selectable
• Coverage angle:	1 BNC socket, 50 ohms
• RF output:	1 BNC socket, 50 ohms
• Operating voltage:	8 VDC from PS 4000 or ASU 4000 via connecting cable
• Dimensions:	78 x 50 x 50 mm (3.1 x 2.0 x 2.0 in.)
• Weight:	100 g (3.5 oz.)

²⁾ The HUB 4000 Q, HUB 4000, HPA 4000, and PS 4000 with the stated item numbers include no power supply. Please order the appropriate power supply for each unit separately:
EU: AC-T2/EU 7801H0001, US: AC-T2/US 7801H0002, UK: AC-T2/UK 7801H0003



SRA 2 B

Active, wideband directional antenna

- For indoor or outdoor use, specifically, for setting up radio links for distances up to 300 m (1000 feet)
- Integrated high-performance antenna booster for use with long cable runs
- Water-resistant case, BNC output
- Remote powering option and status LED

Item number:
3009Z0001

• Carrier frequency range:	650 to 870 MHz
• Antenna gain:	6 dB
• Coverage angle:	70°
• Booster gain:	17 dB
• Dimensions:	230 x 240 x 26 mm (9 x 9.4 x 1.0 in.)
• Weight:	250 g (8.8 oz.)



RA 4000 B

Omnidirectional wideband booster antenna

- For indoor or outdoor use, specifically, for near-field antenna setups with no preferred direction
- Integrated high-performance antenna booster for use with long antenna cables
- Remote powering option and status LED
- Rugged, water-resistant case, BNC output

Item number:
2632Z0030

• Carrier frequency range:	650 to 865 MHz
• Gain:	18dB +/- 1dB
• RF output:	1 BNC socket, 50 ohms
• Operating voltage:	8 VDC/46 mA from PS 4000 or ASU 4000 via connecting cable
• Dimensions:	220 x 38.5 mm (8.7 x 1.5 in.)
• Weight:	65 g (2.3 oz.)



SRA 1

SRA 1 passive, wideband directional antenna

- For indoor or outdoor use, specifically, for setting up long-range radio links
- For use with antenna cables up to 5 m (16 feet) long
- Water-resistant case, BNC output

Item number:
2455Z0060

• Carrier frequency range:	680 to 945 MHz
• Gain:	6 dB
• Coverage angle:	70°
• Front-to-back ratio (180°):	13 dB min.
• Off-axis attenuation (90° to 110°):	25 dB
• Dimensions:	152/65 mm (5.98/2.5 in.)
• Weight:	180 g (6.4 oz.)

Multi-Channel Systems



WMS 450



WMS 4000

Example: 10-Channel System for Tour Sound

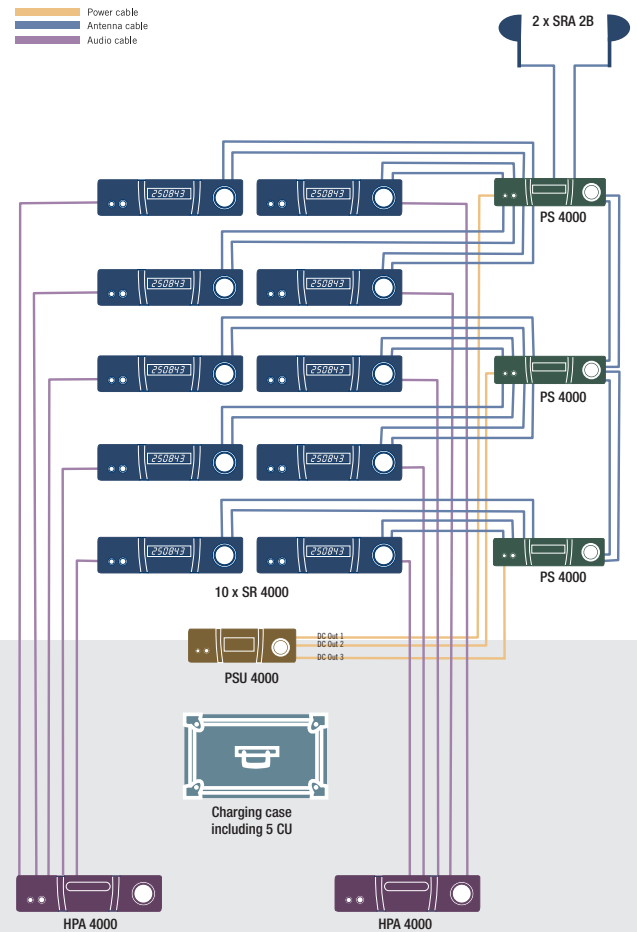
Fitting all components into flight cases as well as the **shortest possible setup time** are essential for festivals with several acts performing in succession. While one performer is on stage, backstage preparations for the following act must be completed so that it can be started without any drawn-out interruptions due to alterations or soundchecks. Wireless systems in particular require meticulous RF and audio performance tests to be carried out before they are connected to the FOH mixer. The advanced software of the SR 4000 receiver makes all this easy. **Rehearsal Mode, Auto Setup, and Frequency Scan** are just a few of the features that help set up all the RF connections quickly and efficiently.

However, the ultimate quality of the audio signal delivered by the receiver can only be tested by connecting the receiver to the mixer, which is practically impossible once the show has started. Two **HPA 4000 headphone amplifiers**, each connected to eight receivers, eliminate this problem, enabling you to check audio signal quality quickly and reliably without an additional mixer.

In the **example shown above**, a complete 10-channel wireless system including antenna splitters, power supply unit, and headphone amplifiers can be fitted into a compact 8-space-rack. You can also fit two small flight cases with five chargers each for the transmitters, so that all transmitters can be **charged completely** and simultaneously **within just one hour**. And, the complete tour sound package takes up so little space it can be transported in a standard station wagon – the ideal solution for any band on tour.

Specification:

10 x SR 4000	True Diversity Receiver	3 x PS 4000	Antenna splitter
10 x HT/PT 4000	Handheld or portable transmitter	2 x HPA 4000	Headphone amplifier
5 x CU 4000	Charging unit	2 x SRA 2B	Active wideband directional antenna
1 x PSU 4000	Central power supply		



Another excellent choice for smaller touring sound systems is the **WMS 450**, which is compatible with many of the system expansion components of the WMS 4000 for cost-effective, yet state-of-the-art performance. For example, a **complete 4-channel system** including a PSU 4000 power supply unit and PS 4000 antenna multi-coupler with two front-mounted antennas **will fit into a 3-space rack!**

All that's necessary to hook it up is to connect a single power cable and the audio lines. All other components, such as the transmitter, can be stored in a 2-space-drawer.

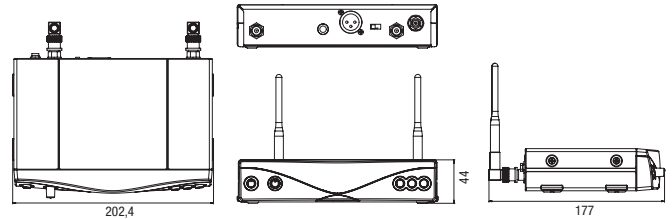
Your dealer or the AKG Distributor for your country or region will be glad to help you in designing multichannel systems for your specific needs.

WMS 450

Highly flexible wireless system, easy to use and expandable for the most sophisticated applications.

Conference
Houses of worship
Live sound
Musical, opera

NEW



- Diversity receiver with all-metal case
- Up to 12 channels can be used simultaneously in each frequency band
- Auto Setup and Rehearsal functions for quick and easy setup
- Quick infrared transmission of all frequency and setup data to the transmitter
- Programmable warning functions using two-color display backlighting to indicate critical operating conditions



SR 450

The **SR 450 diversity receiver** is your best choice for **cost-efficient, high-performance multichannel systems**. Up to 12 channels can be used simultaneously within the same frequency band and even large systems will work smoothly in environments hostile to RF transmission. Being compatible with professional WMS 4000 antenna splitters, power supplies, and high quality remote antennas, the WMS 450 enables you to set up highly complex wireless systems. In Auto Setup mode, the receiver will scan the available bands, find an

interference-free channel, and transmit the related frequency data to the assigned transmitter via infrared. This technique reduces the time it takes to set up a multichannel system to a few minutes. A Rehearsal function, a programmable display clearly indicating all important system parameters, two-color display backlighting warning the user of critical conditions from a distance, and a transmitter battery status display on the receiver enhance reliability and add to ease of use.

SETS

WMS 450 Vocal Set D 5	WMS 450 Vocal Set C 5	WMS 450 Headworn Set	WMS 450 Guitar Set	WMS 450 Presenter Set
<ul style="list-style-type: none"> • 1 HT 450 handheld transmitter with D 5 microphone element, 1 SR 450 receiver • 1 SA 63 stand adapter, 1 AA size battery, 2 antennas, rack mounting kit, power supply 	<ul style="list-style-type: none"> • 1 HT 450 handheld transmitter with C 5 microphone element, 1 SR 450 receiver • 1 SA 63 stand adapter, 1 AA size battery, 2 antennas, rack mounting kit, power supply 	<ul style="list-style-type: none"> • 1 PT 450 bodypack transmitter • 1 SR 450 receiver • 1 C 555 L head-worn microphone • 1 belt clip, 1 AA size battery, 1 MKG L cable, 2 antennas, rack mounting kit, power supply 	<ul style="list-style-type: none"> • 1 PT 450 bodypack transmitter • 1 SR 450 receiver • 1 MKG L cable, 2 antennas, power supply 	<ul style="list-style-type: none"> • 1 PT 450 bodypack transmitter • 1 SR 450 receiver • 1 C 407 L lavalier microphone • 1 belt clip, 1 AA size battery, 1 MKG L cable, 2 antennas, rack mounting kit, power supply

Item number:

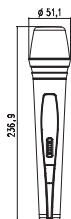
SR 450: The item number depends on the frequency band and type of power supply. Your dealer will be glad to provide information on which combinations are available in your country.

SR 450

- **RF carrier frequency ranges:** 650 to 680, 680 to 710, 720 to 750, 760 to 790, 790 to 820, 835 to 863 MHz
- **Modulation:** FM
- **Audio bandwidth:** 35 to 20,000 Hz
- **THD at 1 kHz:** <0.3% typ.
- **Signal-to-noise:** >120 dB(A) typ.
- **Audio outputs:** balanced XLR and unbalanced TS 1/4" jack, balanced level switchable to -30 or 0 dBm
- **Dimensions:** approx. 200 x 44 x 190 mm (7.8 x 1.7 x 7.4 in.)
- **Weight:** 972 g (2.2 lbs.)
- **Standard accessories:** 2 antennas, power supply, rack mounting kit

NEW

- Available with D 5 or C 5 microphone element
- Infrared data download from receiver for instant setup
- Long battery life (6 hours with single AA size dry battery, 8 hours with optional high performance rechargeable battery) for low operating cost
- Battery status display and data transmission
- Integrated charging contacts for charging batteries inside transmitter
- Ergonomically styled body with anti-slip finish for confident and easy handling



HT 450

The **HT 450** is a high-performance, compact **handheld transmitter** for a host of applications. It is available either with the well-balanced, powerful sound of the D 5 dynamic microphone or the detailed clarity of the C 5 condenser microphone. Many innovative features **enhance both system reliability and user friendliness**. An LC display indicates all important system data at a glance, including frequency, preset country code, available battery capacity, low battery capacity warning, as well as transmission status. An infrared transmission link will feed all frequency and setup data to the assigned transmitter within seconds. A noiseless ON-MUTE/PRG-OFF switch and status LED add to the transmitter's user-friendliness.

Item numbers:

- CU 400
- 2934Z0004 w/o power cable
- 2934Z0001 w/EU power cable
- 2934Z0002 w/US power cable
- 2934Z0003 w/UK power cable

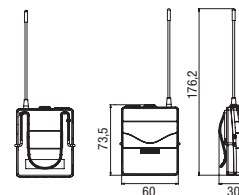
CU 400 charger

- Plug-in charging
- Two universal charging slots
- Charging time <2 hours
- Status LEDs



NEW

- Extremely compact bodypack transmitter
- Infrared data download from receiver for instant setup
- Long battery life (6 hours with single AA size dry battery, 8 hours with optional high performance rechargeable battery) for low operating cost
- Battery capacity display and data transmission
- Integrated charging contacts for charging batteries inside transmitter
- Connector for external mute switch
- Professional mini XLR audio input



PT 450

The **PT 450** is a high-performance, compact **bodypack transmitter** for a host of applications. Many **innovative features** enhance both system reliability and user friendliness. An LC display indicates all important system data at a glance, including frequency, preset country code, available battery capacity, low battery capacity warning, as well as transmission status. An infrared transmission link will feed all frequency and setup data to the assigned transmitter within seconds. The **PT 450 bodypack transmitter** uses a rugged case, and the mini XLR input allows you to connect a wide selection of AKG microphones or portable instruments. A special jack lets you connect an optional external mute switch enabling the user to mute the audio signal even if the transmitter is difficult to reach.

Item number:

HT 450 and PT 450: Item numbers depend on RF output and frequency band. Your dealer will be glad to provide information on which combinations are available in your country.



HT 450

Carrier frequency ranges:	650 to 680, 680 to 710, 720 to 750, 760 to 790, 790 to 820 and 835 to 863 MHz
Modulation:	FM
Audio bandwidth:	35 to 20,000 Hz
THD:	<0.7% typ. at rated deviation/1 kHz
S/N Ratio (A-weighted)	>120 dB(A) typ.
RF output:	max. 50 mW (ERP)
Battery life:	1.5 V AA size dry battery: 6 hours typ.; 1.2 V NiMH, 2,100 mAh AA size rechargeable battery: 8 hours typ.
Dimensions:	236.9 x 51.1 mm max. dia. (9.3 x 2 in.)
Weight:	240 g (8.5 oz.)
Standard accessories:	1 AA size dry battery, SA 63 stand adapter

PT 450

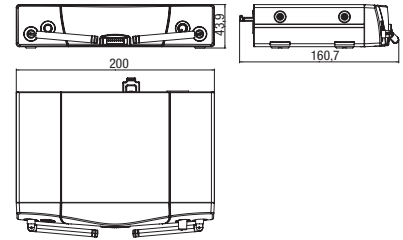
Carrier frequency ranges:	650 to 680, 680 to 710, 720 to 750, 760 to 790, 790 to 820 and 835 to 863 MHz
Modulation:	FM
Audio bandwidth:	35 to 20,000 Hz
THD:	<0.7% typ. at rated deviation/1 kHz
S/N ratio (A-weighted)	>120 dB(A) typ.
RF output:	max. 50 mW (ERP)
Battery life:	1.5 V AA size dry battery: 6 hours typ.; 1.2 V NiMH, 2100 mAh AA size rechargeable battery: 8 hours typ.
Dimensions:	60 x 73.5 x 30 mm (2.4 x 2.9 x 1.2 in.)
Net weight:	90 g (3.2 oz.)
Standard accessories:	1 AA size battery, belt clip
Optional accessory:	external mute switch

WMS 40 PRO

The plug & play wireless solution

Live sound
Houses of Worship
Conference
Sound/AV company, Gyms

- SR 40 FLEXX: Three selectable frequencies, balanced XLR and unbalanced jack outputs, adjustable squelch, multichannel capability up to nine* channels operating simultaneously
- SR 40 DUAL: Two single-frequency receivers in a single case, balanced TRS output jacks, multichannel capability up to seven* channels operating simultaneously
- SR 40 SINGLE: Single fixed frequency, balanced TRS output jack, multichannel capability up to seven* channels operating simultaneously



SR 40 PRO

The new **WMS 40 PRO Series** is the optimum solution for small stages, clubs, places of worship, hotels, and gyms. With their plug and play concept and fixed frequencies, these systems set up quickly and are easy to use. The transmitters will operate for more than 30 hours off a single AA size battery.

The **WMS 40 PRO systems** are available in three versions to match any application and budget:

FLEXX: Maximum flexibility, three selectable frequencies for interference-free reception, adjustable transmitter input gain.

DUAL: Two receivers in a single unit for exceptionally cost efficient two-channel systems.

SINGLE: The easy-to-use single-channel wireless systems. Also compatible with Microtools Series GB 40 and TM 40 transmitters.

WMS 40 PRO Series products are available in several complete systems and can be used in many countries without paying any fees or obtaining permits.

All **SR 40 PRO** versions provide an output level control for optimally matching the receiver's output level to the connected equipment and feature a rugged metal case for freestanding or rack mounted use.

PR 40 UHF Portable Diversity Receiver

- Miniature UHF receiver with four-level diversity for reliable reception
- Status display LEDs for power on, RF signal, transmitter mute and audio
- More than 8 hours operation on 2 x AAA alkaline batteries, more than 6 hours operation on rechargeable batteries
- Integrated charging contacts for use with rechargeable batteries and AKG CU 40 charging station
- Line level / headphone output with level control



PR 40

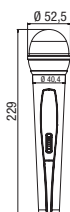
Item number:

Item numbers differ from country to country. Please ask your dealer for details.

* Depending on local frequency plans. For details, please contact your dealer or visit www.ake.com/wms40pro

	SR 40 FLEXX	SR 40 DUAL	SR 40 SINGLE	PR 40
• Carrier frequency:	660 to 865 MHz, 3 selectable frequencies	710 to 865 MHz, 2 fixed-frequency receivers in single case	710 to 865 MHz, 1 fixed frequency	710 to 865 MHz
• Audio bandwidth:	35 to 20,000 Hz	40 to 20,000 Hz	40 to 20,000 Hz	40 to 20,000 Hz
• THD at 1 kHz:	typ. 0.8%	typ. 0.8%	typ. 0.8%	typ. 0.8%
• Signal/noise ratio:	typ. 110 dB(A)	typ. 110 dB(A)	typ. 110 dB(A)	typ. 103 dB(A)
• Power requirement:	120/230 V AC	120/230 V AC	120/230 V AC	>8 h with 2 x 1,5 V (AAA-batteries), >6 h (Akku)
• Audio outputs:	bal. XLR and unbal. 1/4" jack, output level adjustable at rated deviation: 500 mV rms.	bal. adjustable 500 bal. 1/4" jack, output level, adjustable at rated deviation: 500 mV rms.	bal. 1/4" jack, output level, adjustable at rated deviation: 500 mV rms.	unbalanced line level (tip); -6dBm (10 Kohms), headphones output (ring); 18 mW typically (15 ohms); 13 mW (10 ohms)
• Dimensions:	200 x 190 x 44 mm (7.8 x 7.4 x 1.7 in.)	200 x 190 x 44 mm (7.8 x 7.4 x 1.7 in.)	200 x 190 x 44 mm (7.8 x 7.4 x 1.7 in.)	77 x 55 x 15 mm (3.0 x 2.1 x 0.6 in.)
• Net weight (exc. of batteries):	665 g (1.5 lbs.)	674 g (1.4 lbs.)	581 g (1.3 lbs.)	60 g
• Package:	SR 40 FLEXX, AC adapter	SR 40 DUAL, AC adapter	SR 40 SINGLE, AC adapter	PR 40 diversity, belt clip, audio connecting cable, Velcro strips for camera mounting, 2 AAA size dry batteries

- Operates for more than 30 hours off a single AA size battery
- Ergonomic styling and anti-slip finish for confident and easy handling
- Built-in contacts for charging batteries inside the transmitter on optional CU 400 charger
- HT 40 FLEXX: three selectable frequencies
- HT 40 PRO: single fixed frequency



HT 40 PRO

The **WMS 40 PRO** Series handheld transmitters feature exceptional ruggedness, anti-slip finish for ease of handling, and elegant styling. They are available in two versions: the **HT 40 FLEXX** is included in the FLEXX systems, the **HT 40 PRO** in the DUAL and SINGLE systems. Operating for more than 30 hours off a single AA size battery, the transmitters save money due to their reduced battery replacement need. Rechargeable batteries can be charged inside the transmitter on the optional CU 400 charger.

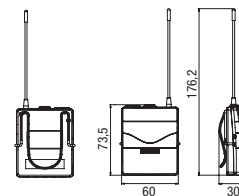
A noiseless on/mute/off switch and a status LED add to user-friendliness.

Item number:
Item numbers differ from country to country. Please ask your dealer for details.



CU 400

- Extremely compact, light bodypack transmitter
- Operates for more than 30 hours off a single AA size battery
- Built-in contacts for charging batteries inside the transmitter on optional CU 400 charger
- PT 40 FLEXX: three selectable frequencies
- PT 40 PRO: single fixed frequency



PT 40 PRO

The **WMS 40 PRO** Series bodypack transmitters are rugged, extremely compact, and light. A mini XLR connector allows you to connect many AKG microphones or portable instruments. The **PT 40 PRO** bodypack transmitter is available in two versions: the **PT 40 FLEXX** is included in the FLEXX systems, the **PT 40 PRO** in the DUAL and SINGLE systems.

Operating for more than 30 hours off a single AA size battery, the transmitters save money due to their reduced battery replacement need. Rechargeable batteries can be charged inside the transmitter on the optional **CU 400** charger.

Item number:
Item numbers differ from country to country. Please ask your dealer for details.

	HT 40 FLEXX	HT 40 PRO	PT 40 FLEXX	PT 40 PRO
• Carrier frequency:	660 to 865 MHz, 3 selectable frequencies	710 to 865 MHz, 1 fixed frequency	660 to 865 MHz, 3 selectable frequencies	710 to 865 MHz, 1 fixed frequency
• Audio bandwidth:	65 Hz to 20 kHz	65 Hz to 20 kHz	35 Hz to 20 kHz	40 Hz to 20 kHz
• THD at 1 kHz:	typ. 0.8% typ.	typ. 0.8%	typ. 0.8%	typ. 0.8%
• Signal/noise ratio:	110 dB(A)	typ. 110 dB(A)	typ. 110 dB(A)	typ. 110 dB(A)
• RF output:	typ. 10 mW (ERP)	typ. 10 mW (ERP)	typ. 10 mW (ERP)	typ. 10 mW (ERP)
• Power requirement:	1 AA size battery	1 AA size battery	1 AA size battery	1 AA size battery
• Battery life:	typ. 30 h (for 2200 mAh)	typ. 30 h (for 2200 mAh)	typ. 30 h (for 2200 mAh)	typ. 30 h (for 2200 mAh)
• Dimensions:	229 x 53 dia. mm	229 x 53 dia. mm (9 x 2.1)	60 x 74 x 30 mm (2.4 x 2.9 x 1.2 in.)	60 x 74 x 30 mm (2.4 x 2.9 x 1.2 in.)
• Net weight: (exc. of batteries)	195 g (6.95 oz.)	195 g (6.95 oz.)	60 g (2.1 oz.)	60 g (2.1 oz.)
• Package:	HT 40 FLEXX, 1 AA size dry battery, 1 semitransparent replacement clip, 1 stand adapter	HT 40 PRO, 1 AA size dry battery, 1 semitransparent replacement clip, 1 stand adapter	PT 40 FLEXX, 1 AA size dry battery, 1 labeling sheet	PT 40 PRO, 1 AA size dry battery, 1 labeling sheet

WMS 40 PRO Sets

FLEXX

Maximum flexibility

Three selectable frequencies for interference-free reception, adjustable transmitter input gain

- Three selectable frequencies
- Diversity receiver
- Adjustable squelch
- Multichannel capability: up to nine* channels operating simultaneously
- Rugged bodies

**1 handheld transmitter or
1 bodypack transmitter, 1 receiver**

DUAL

2 in 1 receiver saves cost

Two receivers in a single unit for exceptionally cost efficient two-channel systems

- Two single-frequency receivers in a single unit
- Metal case
- Miniature transmitters
- Single-battery powering
- Multichannel capability: up to seven* channels operating simultaneously

**2 handheld transmitters or
2 bodypack transmitters, 1 receiver**

SINGLE

Easy to use.

The easy-to-use single-channel wireless systems. Unpack and get going.

- Single, fixed frequency
- Metal case
- Miniature transmitters
- Single-battery powering
- Multichannel capability: multichannel capability up to seven* channels operating simultaneously

**1 handheld transmitter or
1 bodypack transmitter, 1 receiver**

Item number:
Item numbers differ from country to country.
Please ask your dealer for details.

	FLEXX	DUAL	SINGLE
Vocal	<ul style="list-style-type: none"> • Vocal Set FLEXX <p>SR 40 FLEXX HT 40 FLEXX</p> 	<ul style="list-style-type: none"> • Vocal Set DUAL <p>SR 40 DUAL 2 x HT 40 PRO</p> 	<ul style="list-style-type: none"> • Vocal Set SINGLE <p>SR 40 SINGLE HT 40 PRO</p> 
Instrumental	<ul style="list-style-type: none"> • Instrumental Set FLEXX <p>SR 40 FLEXX PT 40 FLEXX MKG L cable</p> 	<ul style="list-style-type: none"> • Instrumental Set DUAL <p>SR 40 DUAL 2 x PT 40 PRO MKG L cable</p> 	<ul style="list-style-type: none"> • Instrumental Set SINGLE <p>SR 40 SINGLE PT 40 PRO MKG L cable</p> 
Guitar Special		<ul style="list-style-type: none"> • Guitar/Vocal Set DUAL <p>SR 40 DUAL PT 40 PRO C 555 L, GB 40</p> 	
Sports	<ul style="list-style-type: none"> • Sports Set FLEXX <p>SR 40 FLEXX PT 40 FLEXX C 555 L</p> 		<ul style="list-style-type: none"> • Sports Set SINGLE <p>SR 40 SINGLE PT 40 PRO C 555 L</p> 
Presenter	<ul style="list-style-type: none"> • Presenter Set FLEXX <p>SR 40 FLEXX PT 40 FLEXX CK 55 L</p> 	<ul style="list-style-type: none"> • Presenter Set DUAL <p>SR 40 DUAL PT 40 PRO C 555 L, HT 40 PRO</p> 	<ul style="list-style-type: none"> • Presenter Set SINGLE <p>SR 40 SINGLE PT 40 PRO CK 55 L</p> 

* Depending on local frequency plans. For details, please contact your dealer or visit www.akg.com/wms40pro
Please note that some of these products may not be available in your country. For details, please contact your local dealer or national AKG distributor.

Live sound

- Professional wireless transmitter for direct connection to instruments
- Swiveling FlexJack connector matching every guitar
- Extended frequency response optimized for guitars and basses
- 11 hours battery life for AAA size dry/6 hours for rechargeable batteries for low operating cost



GB 40

The **GB 40 guitarbug** is probably the easiest and least invasive way to integrate a guitar, bass, or portable keyboard into a wireless system in next to no time.

A “FlexJack” swiveling jack plug connects the transmitter to every type of output jack, and the **GB 40 guitarbug** will automatically “hug” the instrument. Therefore, and because it is **incredibly small**, the **GB 40 guitarbug** will never get in the way while you play, and keep a low profile, too. Since the transmitter sits right on the output jack, the noiseless on/mute/off switch and status LED are always easy to check and operate. Naturally, the **GB 40 guitarbug** also provides an input gain control.

Item number:

Item numbers differ from country to country. Please ask your dealer for details.

Vocals

TV, motion picture, video production

Worship center

Live sound

- UHF transmitter module for Emotion and Tri-Power Series microphones
- On/mute/off switch
- Input gain control for optimum level matching
- Status LED
- 10 hours battery life for AAA size dry/6 hours for rechargeable batteries for low operating cost



TM 40

The **TM 40 transmitter** module enables you to convert the D 880^M and C 900^M as well as the Tri-Power Series D 3700^M, D 3800^M, and C 5900^M microphones to wireless operation by replacing the XLR connector module of these hardwire microphones with a **TM 40** module.

Item number:

Item numbers differ from country to country. Please ask your dealer for details.

• Carrier frequency:	710 to 865 MHz, 1 fixed frequency
• Modulation:	FM
• Audio bandwidth:	40 to 20,000 Hz
• THD at 1 kHz:	typ. 0.8%
• Signal/noise ratio:	typ. 103 dB (A)
• Power requirement:	1 AAA size batteries
• RF output:	5 mW (ERP)
• Battery life:	<11 hours (dry batteries), <6 hours (rechargeable batteries)
• Dimensions:	76 x 20 x 28 mm (3 x 0.8 x 1.1 in.)
• Net weight (exc. of batteries):	28 g (1 oz.)
• Package:	GB 40, long adapter plug, black battery cover, 2 Velcro strips, 1 AAA size dry battery

• Carrier frequency:	710 to 865 MHz, 1 fixed frequency
• Modulation:	FM
• Audio bandwidth:	40 to 20,000 Hz
• THD at 1 kHz:	typ. 0.8%
• Signal/noise ratio:	typ. 103 dB (A)
• Power requirement:	1 AAA size batteries
• RF output:	typ. 5 mW (ERP)
• Battery life:	<10 hours (dry batteries), <6 hours (rechargeable batteries)
• Dimensions:	125 x 26 dia. mm (4.9 x 1 in.)
• Net weight (exc. of batteries):	30 g (1.1 oz.)
• Package:	TM 40, charging adapter, color code battery cover, 1 AAA size dry battery

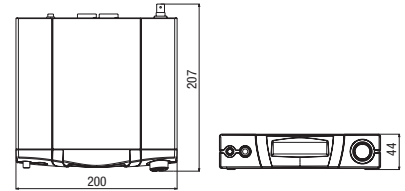
IVM 4

Wireless in-ear monitor system with unique signal processing capabilities for live applications and professional installations

Live sound
Sound companies
Theater
Places of worship

NEW

- Stereo transmitter with compact all-metal case
- Professional digital signal processing: dbx compressor, EQ, binaural room, simulations for a natural listening experience
- RF output adjustable up to 100 mW
- Available in four 30 MHz wide UHF bands with 1200 frequencies each
- Preprogrammed frequency preset banks
- Backlit display and jog control for ease of use



SST 4

The **SST 4** is the first stereo transmitter ever to **combine all the features required for professional in-ear monitoring** in a single, compact device. The SST 4 allows the input signal to be processed individually to meet the requirements of both the artist and the sound system environment. An integrated **dbx compressor**, many **EQ settings**, and optimized **binaural room simulation** algorithms provide outstanding high performance signal processing flexibility.

Preprogrammed frequency preset banks ensure an easy and reliable startup. Up to **14 intermodulation-free channels*** can be used within a 30 MHz wide UHF band. In addition, up to 1200 frequencies can be selected manually. These features allow the IVM 4 to be used together with any AKG WMS 400 or WMS 4000 wireless microphone system. The SST 4 lets you **adjust the RF output** within the approved range, which is particularly important when the in-ear monitor system is used together with a complex wireless microphone system. This allows optimum system matching for improved reliability.

A **complete line of accessories** is available for multichannel applications.

A **large, backlit display** gives a clear picture of all important settings and levels. When used in dark environments, the brightness of the display can be reduced.

The **input signal level is digitally adjustable** within a range of ± 20 dB. A pair of Loop Out jacks carries the unprocessed input signal for daisy-chaining several SST 4s.

Unique integrated signal processing for a natural listening experience and a complete set of inputs and outputs make the **SST 4 an ideal tool for professional applications.**

Item number:

The item number depends on the frequency band and type of power supply. Your dealer will be glad to provide information on which combinations are available in your country.

* The actual number of channels that can be used simultaneously depends on local frequency plans.

SETS**

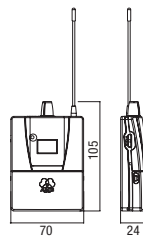


IVM 4 Set	SPR 4 Set
<ul style="list-style-type: none"> • 1 SST 4 stereo transmitter • 1 SPR 4 bodypack stereo receiver • 1 pair of IP 2 earphones • 1 rod antenna, • 1 rack mounting kit, • 2 AA size batteries, • 12-pc. color code set, • 1 AC adapter 	<ul style="list-style-type: none"> • 1 SPR 4 bodypack stereo receiver • 1 pair of IP 2 earphones • 2 AA size batteries

**SST 4 also available separately.

• RF carrier frequency range:	500 to 530, 570 to 600, 790 to 820, 835 to 865 MHz
• Modulation:	FM, MPX Stereo
• RF radiation:	up to 100 mW
• Audio Bandwidth:	35 to 20,000 Hz
• THD:	<0.8% typical
• Signal/noise ratio:	>90 dB(A) typical
• Audio Inputs:	2 x XLR/jack hybrid connector; max. 10 dBV
• Dimensions:	200 x 44 x 190 mm (7.8 x 1.7 x 7.4 in.)
• Weight:	1,070 g (2.36 lbs)
• Standard accessories:	Power supply, RIMU 4000 rack mounting kit, Color Coding Kit, UHF antenna

- Bodypack receiver with rugged magnesium case
- Combined on/off and volume control for ease of use
- Auto Setup and Environment Scan functions for identifying clean frequencies
- Operates for up to eight hours off two AA size dry batteries, seven hours off optional BP 4000 battery pack with integrated Smart Battery Management system.
- Backlit display and jog control for ease of use
- Received signal strength and battery status metering
- Bottom panel contacts for direct battery charging on optional charger
- Individual mix function



SPR 4

The SPR 4 bodypack receiver features a rugged die-cast magnesium case. **Auto Setup** and **Environment Scan** functions for finding clean frequencies make setting up extremely easy. The **30 MHz bandwidth** allows manual selection of 1200 frequencies or the system chooses from preprogrammed frequency preset banks. The SPR 4 provides a **backlit display and jog control** for ease of use. The display indicates the **received signal strength** and **battery status** along with other parameters. **Integrated charging contacts** allow the optional BP 4000 battery pack to remain inside the receiver whilst being charged on the CU 4000 charger (optional). The BP 4000 will be charged to capacity in **only one hour**, and can power the SPR 4 for about **seven hours**.

The only control the artist needs to operate is an ergonomically shaped **volume control** with integrated on/off switch. Placed in the center of the SPR 4 top panel, the volume control with its clearly discernible detents can be operated intuitively even if it is positioned outside the user's field of vision.

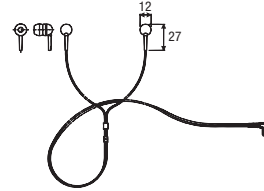
An Individual mix function allows a personalized monitor mix to be set up even where only a small sound system with no separate monitor mixer is available.

To accommodate the individual preferences of users, the **SPR 4** has been designed to **drive a large number of different types of earphones**.

Item number:

The item number depends on RF output and frequency band. Your dealer will be glad to provide information on which combinations are available in your country.

- High-quality, high-comfort earphones
- Excellent, wide-range audio reproduction
- High isolation for ambient-noise rejection
- Inconspicuous finish



IP 2

The **IP 2** earphones connect to the SPR 4 bodypack receiver. These **high quality** earphones provide a wide-range sound with sharply contoured bass reproduction as well as **excellent isolation** to suppress high ambient noise levels encountered, e.g., on a loud concert stage. An integrated sliding cable tie and the supplied soft-rubber earmolds in three different sizes enable the earphones to adapt to every shape of ear and head.

The IP 2 earphones are included in the IVM 4 Sets and in the SPR 4 Sets.

• RF carrier frequency ranges:	500 to 530, 570 to 600, 790 to 820, 835 to 865 MHz
• Modulation:	FM, MPX Stereo
• Audio Bandwidth:	35 to 20,000 Hz
• THD	<0.8% typical
• Signal/noise ratio	>90 dB(A) typical
• Channel separation	>40 dB(A)
• Audio Output	3.5 mm jack, 150 mW (rms)/16 ohms
• Battery Life	6 to 10 hours, volume dependent, 2 AA batteries or BP 4000
• Dimensions	70 x 90 x 25 mm (2.8 x 3.5 x 1 in.)
• Weight	165 g (5.82 oz.)
• Standard accessories	2 AA size dry batteries, belt clip, Color Coding Kit
• Optional Accessories	BP 4000 with CU 4000 Charging Unit

• Frequency Range:	12 to 23,500 Hz
• Sensitivity:	121 dB SPL/V
• Max. Input Power:	25 mW
• Rated impedance:	16 Ohm
• Connector:	3.5 mm stereo jack
• Weight:	3 g (0.11 oz.)
• Cable:	1.15 m/3.8 ft.

IVM 4

Wireless in-ear monitor system with unique signal processing capabilities for live applications and professional installations

Accessories

SPC 4



Wide-band antenna combiner

- Combines antenna signals of up to four SST 4 stereo transmitters
- Powers transmitters via antenna lines
- Daisy-chaining capability for setting up multichannel systems

Item number:
3053Z0001

- **RF carrier frequency range:** 500 to 865 MHz
- **System Gain:** 0 dB
- **RF Inputs:** 4 BNC sockets, 50 ohms
- **RF Output:** 1 BNC socket, 50 ohms
- **Operating Voltage:** 12 VDC/900mA
- **Power Supply (for SST4):** 12 VDC/2A
- **Dimensions:** 200 x 190 x 44 mm (7.8 x 7.5 x 1.7 in.)
- **Weight:** 1,193 g (2.63 lbs)
- **Standard Accessories:** Rack Mounting kit
- **Optional Accessories:** MK PS connecting cable

SRA 2 W



Passive wide-band directional antenna

- For indoor and outdoor use, preferred-direction coverage
- Water-resistant, rugged case with BNC input

Item number:
3009Z0015

- **Carrier frequency range:** 500 to 865 MHz
- **Antenna gain:** 4 dB
- **Coverage angle:** 70°
- **RF Input:** 1 BNC socket, 50 ohms
- **Dimensions:** 268 x 268 x 25 mm (10.6 x 10.6 x 1 in.)
- **Weight:** 287 g (10.1 oz.)

RA 4000 W



Passive wide-band omnidirectional antenna

- For indoor and outdoor use, coverage with no preferred direction
- Water-resistant, rugged case with BNC input

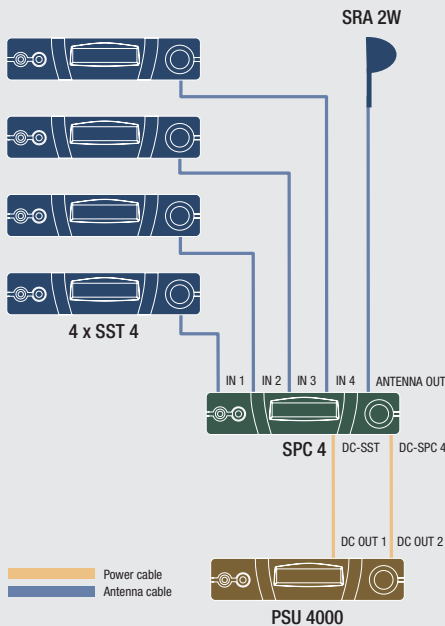
Item number:
2632Z0031

- **Carrier frequency range:** 500 to 865 MHz
- **Antenna gain:** 1 dB
- **RF Input:** 1 BNC socket, 50 ohms
- **Dimensions:** 240 x 38.5 mm (9.4 x 1.5 in.)
- **Weight:** 65 g (2.3 oz.)

Multi-Channel Systems

Example of a four-channel IVM 4 system

Example of a four-channel IVM 4 system



- Equipment:**
- 4 x SST 4 Stereo Transmitter
 - 4 x SPR 4 Stereo Pocket Receiver
 - 1 x SPC 4 Power Combiner
 - 1 x PSU 4000 Central Power Supply
 - 1 x SRA 2 W Passive Wide-Band Directional Antenna

The **SPC 4** wideband antenna combiner allows the set up of large wireless in-ear monitor systems. A single antenna combiner enables the output signals of **up to four SST 4** stereo transmitters to be **combined into one composite antenna** signal. Besides this antenna management function, the SPC 4 powers the SST 4 stereo transmitters connected to it, thus reducing the number of plug-in AC adapters in the rack.

You can use either an **SRA 2 W** passive directional antenna or an **RA 4000 W** passive omnidirectional antenna for the wireless monitor system.

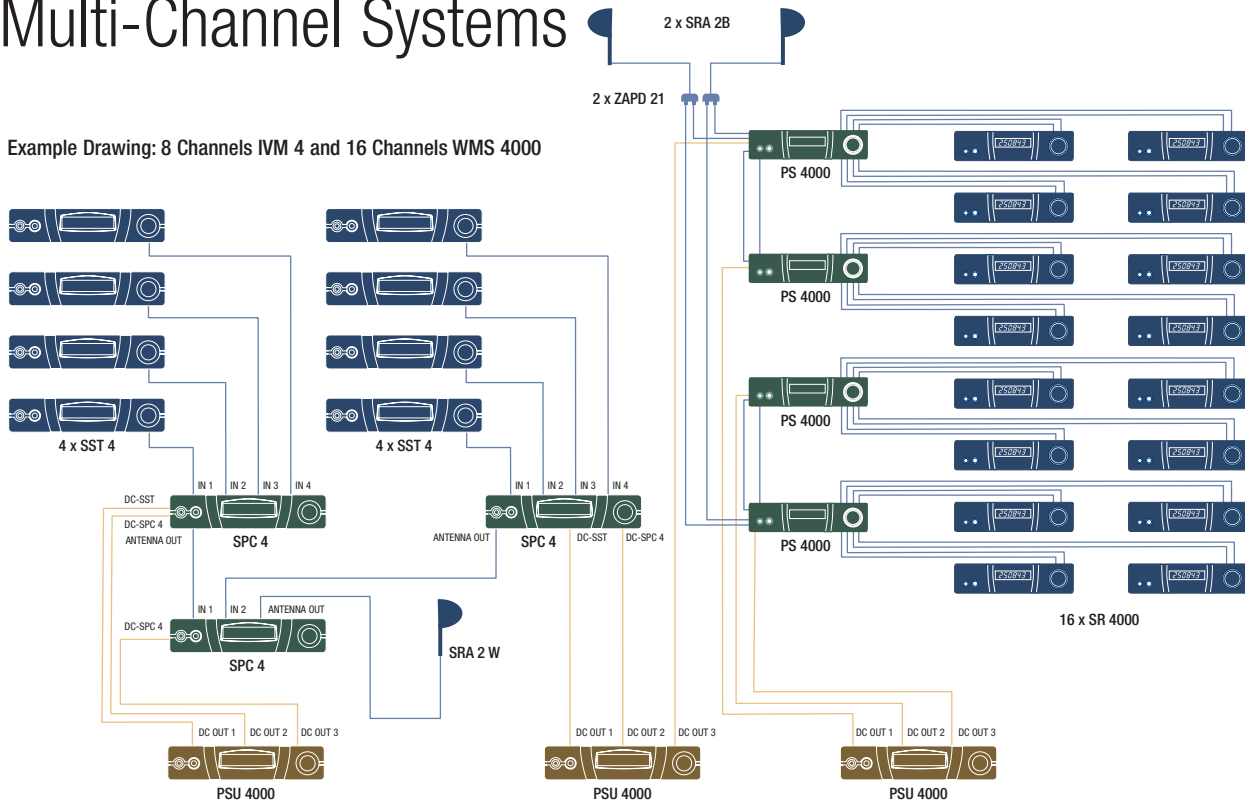
The four-channel in-ear monitor system shown in the example drawing occupies only **3 U** of rack space.



Illustration: Two channels of IVM 4 and four channels of WMS 450

Multi-Channel Systems

Example Drawing: 8 Channels IVM 4 and 16 Channels WMS 4000



Equipment:

- 8 x SST 4 Stereo Transmitter
- 8 x SPR 4 Stereo Pocket Receiver
- 3 x SPC 4 Power Combiner
- 16 x SR 4000 True Diversity Receiver
- 16 x HT/PT 4000 Handheld or Portable Transmitter
- 12 x CU 4000 Charging Unit
- 3 x PSU 4000 Central Power Supply
- 4 x PS 4000 Antenna Splitter
- 2 x SRA 2 B Active Wide-Band Directional Antenna
- 1 x SRA 2 W Passive Wide-Band Directional Antenna

Example Drawing: 8 Channels IVM 4 and 16 Channels WMS 4000

Total mobility of performers on stage is not the only ingredient of a hot show. A personalized, true stereo CD-quality monitor mix makes every musician feel perfectly at ease. The minimal leakage of in-ear monitors makes crosstalk from onstage wedges a thing of the past. These benefits for both musicians and sound engineers make sure that every show will be a success.

Using an **IVM 4** wireless in-ear monitor system in conjunction with a **WMS 4000** and/or **WMS 450** wireless microphone system is a **complete, single-source professional solution** for any application including the most complex live acts. The PSU 4000 central power supply powers the rack mounted SPC 4 antenna combiners and PS 4000 antenna splitters. All transmitters and receivers in the system are powered via the internal antenna cables. What's more, this kind of multichannel system requires only a single transmitting antenna and two receiving antennas.

In the example drawing shown on this page, the signals of eight SST 4 stereo transmitters are combined into a single antenna signal. The **daisy-chaining capability** of the antenna combiners allows up to **16 channels** to be fed to a **single antenna**. The IVM 4 frequencies being coordinated with the wireless microphone frequencies, the setup-to-soundcheck time for a multichannel system including wireless in-ear monitors is not appreciably longer than for a conventional wireless microphone system alone.

In the example drawing the entire wireless system including the SST 4 stereo transmitters, SPC 4 antenna combiners, SR 4000 and PS 4000 WMS 4000 components occupies no more than **17 U** of rack space.



Picture: 4 Channels IVM 4 and 8 Channels WMS 4000

Your dealer or the AKG Distributor for your country or region will be glad to help you in designing multichannel systems for your specific needs.

Headphones

K 271 Studio	82
K 171 Studio	82
K 240 Studio	83
K 141 Studio	83
K 181 DJ	84
K 518 DJ	84
K 701	85
K 601	85
K 66	86
K 55	86
K 44	87
K 414 P	87
K 10	90

Headsets

HSC 271	88
HSC 171	88
HSD 271	89
HSD 171	89
HSD 271 Single	90





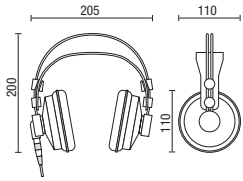
Headphones Headsets

Headsets and headphones from AKG have become the worldwide professional industry standards. The diversity of AKG's product range comprises optimum solutions for every application. Each headset or headphone includes the leading-edge technology, high-quality materials and exceptional performance AKG has been known for throughout the world.



Monitoring Broadcast applications Noisy environment

- Professional hi-fi stereo studio headphones
- For onstage and studio use
- Circumaural earphones
- High noise attenuation
- Automute feature mutes headphones when they are taken off
- Patented Varimotion speakers
- Single-sided, detachable cable



K 271 Studio

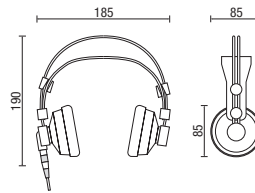
The **K 271 Studio** combines the benefits of AKG's circumaural design for extreme comfort and a **closed-back design for maximum isolation from ambient noise**. Thanks to its XXL transducers, the **K 271 Studio** sounds clean, smooth and very rich. The **K 271 Studio** is the perfect choice for any application where sonic bleed could cause problems such as broadcast work. Another important feature of the **K 271 Studio** is the addition of a **switch in the headband** that **mutes the audio** just as soon as the **headphones are taken off**.

Item numbers:

K 271 Studio	2470Z0012
EK 300	6000H1008 (Connecting cable: 3 m/10 ft.)
EK 500 S	6000H1010 (Connecting cable: 5 m/16.5 ft., coiled)

Monitoring Broadcast applications

- Professional hi-fi stereo studio headphones
- For broadcast and DJ use
- High ambient noise attenuation
- Rugged construction for tough handling
- Patented Varimotion speakers
- Single-sided, detachable cable



K 171 Studio

The **K 171 Studio** combines the benefits of a **closed-back design** with the lightweight and comfort of **supra-aural** headphones.

The **K 171 Studio** is an excellent choice for DJ and broadcast applications where no sound can bleed from the headphones into live microphones. The closed-back, **loud and rugged design** gives the **K 171** a different low-frequency character and maintains its comfort and flexibility.

Item numbers:

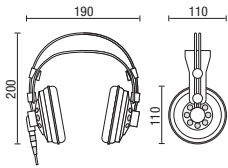
K 171 Studio	2908Z0001
EK 300	6000H1008 (Connecting cable: 3 m/10 ft.)
EK 500 S	6000H1010 (Connecting cable: 5 m/16.5 ft., coiled)

• Type:	closed-back, dynamic headphones
• Sensitivity:	91 dB/mW, 104 dB/V
• Audio Bandwidth:	16 to 28,000 Hz
• Max. Input Power:	200 mW
• Rated Impedance:	55 ohms
• Cable:	3 m single-sided (99,9% oxygen-free); plug-in cable on headphones (mini-XLR connector)
• Connector:	gold plated stereo mini jack
• Stereo Adapter:	gold plated 1/8" to 1/4" screw-on adapter
• Net/shipping weight:	240 g (8.5 oz.)/550 g (19.4 oz.)

• Type:	closed-back, dynamic headphones
• Sensitivity:	94 dB/mW, 107 dB/V
• Audio Bandwidth:	8 to 26,000 Hz
• Max. Input Power:	200 mW
• Rated Impedance:	55 ohms
• Cable:	3 m single-sided (99,9% oxygen-free); plug-in cable on headphones (mini-XLR connector)
• Connector:	gold plated stereo mini jack
• Stereo Adapter:	gold plated 1/8" to 1/4" screw-on adapter
• Net/shipping weight:	200 g (7.1 oz.)/500 g (17.6 oz.)

Monitoring

- Professional hi-fi stereo studio headphones
- Self-adjusting headband for optimum fit
- Semi-open, circumaural design
- Patented Varimotion speakers
- Single-sided, detachable cable



K 240 Studio

The **K 240 Studio** is a newly updated version of AKG's most successful headphone with Varimotion™ technology and XXL transducers. The **K 240 Studio's semi-open ear cups** have around-the-ear coupling to deliver **solid bass, accurate mids and crystal-clear highs**.

Thanks to its lower impedance and improved sensitivity, it can be used with low-output audio sources to deliver its incredible sound. The **detachable OFC cable** has gold-plated plugs for easy transportation and years of loss-free signal transfer.

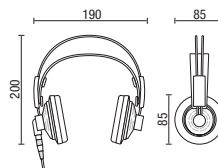
Item numbers:

K 240 Studio	2058Z0013
EK 300	6000H1008 (Connecting cable: 3 m/10 ft.)
EK 500 S	6000H1010 (Connecting cable: 5 m/16.5 ft., coiled)

• Type:	semi-open, dynamic headphones
• Sensitivity:	91 dB/mW, 104 dB/V
• Audio Bandwidth:	15 to 25,000 Hz
• Max. Input Power:	200 mW
• Rated Impedance:	55 ohms
• Cable:	3 m single-sided (99,9% oxygen-free); plug-in cable on headphones (mini-XLR connector)
• Connector:	gold plated stereo mini jack
• Stereo Adapter:	gold plated 1/8" to 1/4" screw-on adapter
• Net/shipping weight:	240 g (8.5 oz.)/550 g (19.4 oz.)

Monitoring Recording

- Professional hi-fi stereo studio headphones
- Undistorted sound even at high volume levels
- Semi-open supraaural earphones
- Patented Varimotion speakers
- Single-sided, detachable cable



K 141 Studio

The **K 141 Studio** is a variation of the AKG classic and has the new **XXL transducers** with Varimotion™ technology to deliver **higher sensitivity, wide dynamic range and higher SPL**, plus its lower impedance also allows it to be used with computers and other devices with low-power output. The gimbal-suspended earcups and self-adjusting headband makes these comfortable to wear. The **detachable OFC cable** has gold-plated plugs for easy transportation and years of loss-free signal transfer.

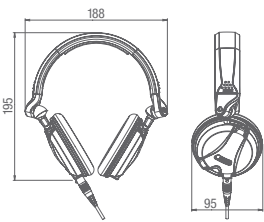
Item numbers:

K 141 Studio	2144Z0013
EK 300	6000H1008 (Connecting cable: 3 m/10 ft.)
EK 500 S	6000H1010 (Connecting cable: 5 m/16.5 ft., coiled)

• Type:	semi-open, dynamic headphones
• Sensitivity:	101 dB/mW, 114 dB/V
• Audio Bandwidth:	18 to 24,000 Hz
• Max. Input Power:	200 mW
• Rated Impedance:	55 ohms
• Cable:	3 m single-sided (99,9% oxygen-free); plug-in cable on headphones (mini-XLR connector)
• Connector:	gold plated stereo mini jack
• Stereo Adapter:	gold plated 1/8" to 1/4" screw-on adapter
• Net/shipping weight:	225 g (7.9 oz.)/550 g (19.4 oz.)

Professional DJ use

- Professional DJ headphones
- Stereo/mono selector
- High sound pressure level
- Professional 3D-Axis folding mechanism



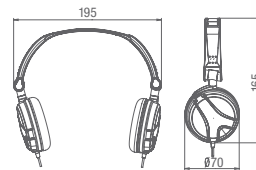
K 181 DJ

The **K 181 DJ** is the **ultimate tool** for professional DJs – high performance closed-back headphones with the best possible sound, and maximum SPL that should be **exceptionally rugged** and easy to bend or fold into any listening position. The **K 181 DJ** have been designed in cooperation with leading international DJs. Their distinguishing features include **3D-Axis professional** folding mechanism, high sound pressure level, closed-back earphones, stereo/mono selector, **bass boost switch**, frequency range from 5 Hz to 30 kHz, detachable cable, and rubberized finish.

Item number:
K 181 DJ 3103Z0001

DJ use Small clubs and parties

- Semi-professional DJ headphones
- Closed-back design
- High sound pressure level
- 3D-Axis folding mechanism



K 518 DJ

Great sound for small venues. Semiprofessional DJs too need dependable equipment. The **K 518 DJ** fit the bill perfectly. Their **closed-back** earphones, for instance, provide optimum isolation from ambient noise.

The **K 518 DJ** will take **heavy usage** easily, and their high SPL capability ensures excellent sound quality. Finally, their level of wearing comfort is as impressive as their **powerful low end** and accurate imaging. With AKG's 3D-Axis folding mechanism for ease of handling the K 518 DJ fold down into a thin package and are ready for use anytime.

Item number:
K 518 DJ 3102H0002

• Type:	closed-back, dynamic headphones
• Sensitivity:	120 dB/V
• Audio Bandwidth:	5 to 30,000 Hz
• Max. Input Power:	3,500 mW
• Rated Impedance:	42 ohms
• Cable:	1.8 m single-sided (99,9% oxygen-free); plug-in cable on headphones (mini-XLR connector)
• Connector:	gold plated stereo mini jack
• Stereo Adapter:	gold plated 1/8" to 1/4" screw-on adapter
• Net/shipping weight:	280 g (9.9 oz.)/597 g (21.1 oz.)
• Optional accessories:	coiled cable

• Type:	closed-back, dynamic headphones
• Sensitivity:	115 dB/V
• Audio Bandwidth:	16 to 24,000 Hz
• Max. Input Power:	2,000 mW
• Rated Impedance:	32 ohms
• Cable:	2.5 m single-sided (99,9% oxygen-free); plug-in cable on headphones (mini-XLR connector)
• Connector:	gold plated stereo mini jack
• Stereo Adapter:	gold plated 1/8" to 1/4" screw-on adapter
• Net/shipping weight:	150 g (5.3 oz.)/343 g (12.1 oz.)

Monitoring Mastering

- Flat wire voice coil
- Patented Varimotion two-layer diaphragm
- "3D Form" ear pads for perfect fit
- Individually tested and numbered



K 701

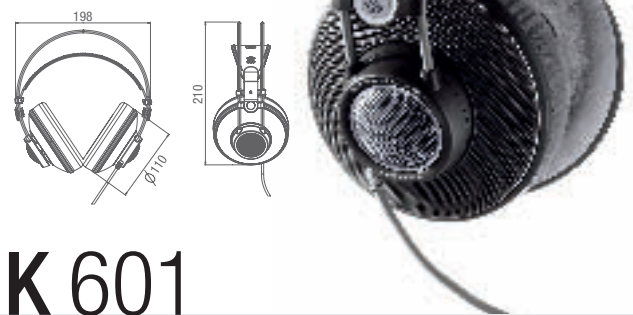
The **K 701** are the **new reference** for open-back dynamic AKG headphones. They combine an extremely accurate response with yet unseen agility and spaciousness. This is achieved by using **revolutionary flat-wire voice coils** and a patented Varimotion two-layer diaphragm. A totally open design and a **high performance bi-wiring cable** complete these reference headphones. Their comfortable, specially shaped "3D-form" ear pads and a padded genuine-leather headband ensure a perfect fit. Individually tested and numbered they are delivered with a convenient storage cradle.

K 701 – experience pure perfection.

Item number:
K 701 2458Z0018

Monitoring Mastering

- Totally open design
- Patented Varimotion two-layer diaphragm
- Individually tested and numbered



K 601

The **K 601** are **open-back dynamic** headphones which do not only offer good wearing comfort but also deliver an incredibly detailed, full, yet crisp sound. This is the result of a new **AKG Varimotion™ two-layer diaphragm** that ensures optimum diaphragm motion for extremely accurate high-frequency response and a powerful low end.

The overall sound is uncommonly **natural and open**. The highly comfortable, acoustically optimized velour ear pads are easy to replace and clean and ensure optimum wearing comfort. These premium reference headphones are individually tested and numbered.

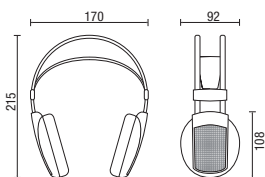
Item number:
K 601 2458Z0017

• Type:	open-back, dynamic headphones
• Sensitivity:	105 dB/V
• Audio Bandwidth:	10 to 39,800 Hz
• Max. Input Power:	200 mW
• Rated Impedance:	62 ohms
• Cable:	3 m single-sided (99.9% oxygen-free)
• Connector:	gold plated stereo jack plug (1/4")
• Stereo Adapter:	gold plated convertible jack plug (1/4" to 1/8")
• Net/shipping weight:	235 g (8.3 oz.)/850 g (30 oz.)

• Type:	open-back, dynamic headphones
• Sensitivity:	101 dB/V
• Audio Bandwidth:	12 to 39,500 Hz
• Max. Input Power:	200 mW
• Rated Impedance:	120 ohms
• Cable:	3 m single-sided (99.9% oxygen-free)
• Connector:	gold plated stereo jack plug (1/4")
• Stereo Adapter:	gold plated convertible jack plug (1/4" to 1/8")
• Net/shipping weight:	235 g (8.3 oz.)/500 g (17.6 oz.)

Monitoring Language lab, language school

- Semi-open hi-fi stereo headphones
- Low weight for excellent comfort
- Skin compatible leatherette ear pads
- Excellent price/performance



K 66

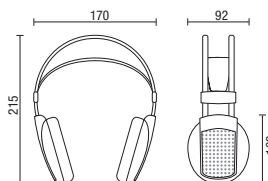
The **K 66** are semi-open stereo headphones and combine **excellent sound** with **optimum price/performance**.

The proven **self-adjusting headband**, soft leatherette circumaural ear pads, and low weight ensure **pleasant** fit. Large, high-performance 1.6-inch (40-mm) speakers provide a natural, uncolored sound.

Item number:
K 66 6000H0916

Monitoring Noisy environment

- Closed-back circumaural stereo headphones
- Excellent comfort
- Turbo Bass speakers for powerful sound



K 55

The large 1.6-in. (40 mm) "Turbo Bass" speakers of the **K 55** deliver **gutsy bass along with accurate highs**. In addition to a self-adjusting headband for excellent comfort, these closed-back headphones use Turbo Bass speakers for a powerful sound and accurate response. The **closed-back design** make sure no sound will spill to the outside world or interfere with the music.

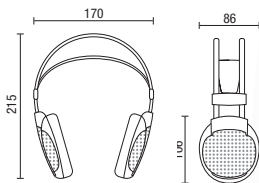
Item number:
K 55 6000H0915

• Type:	semi-open, dynamic headphones
• Sensitivity:	112 dB/V
• Audio Bandwidth:	18 to 22,000 Hz
• Max. Input Power:	200 mW
• Rated Impedance:	32 ohms
• Cable:	3 m single-sided (99,9% oxygen-free)
• Connector:	stereo mini plug
• Stereo Adapter:	convertible jack plug (1/8" to 1/4")
• Net/shipping weight:	210 g (7.4 oz.)/400 g (14.1 oz.)

• Type:	closed-back, dynamic headphones
• Sensitivity:	114 dB/V
• Audio Bandwidth:	16 to 20,000 Hz
• Max. Input Power:	200 mW
• Rated Impedance:	32 ohms
• Cable:	3 m single-sided (99,9% oxygen-free)
• Connector:	stereo mini plug
• Stereo Adapter:	convertible jack plug (1/8" to 1/4")
• Net/shipping weight:	210 g (7.4 oz.)/400 g (14.1 oz.)

Monitoring Noisy environment

- Closed back supra-aural headphones
- Excellent comfort



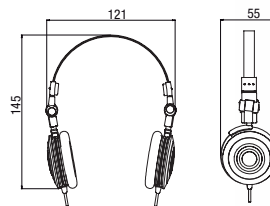
K 44

The **K 44** are **cost-efficient** headphones for many different applications. These closed-back headphones are a **true all-round performer** with solid bass and clean highs at a value price. The proven AKG self-adjusting headband, leatherette ear pads, and gimbal suspension ensure excellent comfort.

Item number:
K 44 6000H0914

Playback Noisy environment

- Closed back supra-aural headphones
- 3D-Axis
- Unique folding mechanism



K 414 P

The **K 414 P** are **lightweight** closed-back headphones which provide fabulous sound and effective attenuation of ambient noise. Using the unique 3D-Axis mechanism, they fold down to a small package that can be taken anywhere. Carrying bag included.

Item number:
K 414 P 6000H1828

• Type:	closed-back, dynamic headphones
• Sensitivity:	115 dB/V
• Audio Bandwidth:	18 to 20,000 Hz
• Max. Input Power:	200 mW
• Rated Impedance:	32 ohms
• Cable:	2.5 m single-sided (99.9% oxygen-free)
• Connector:	stereo mini plug
• Stereo Adapter:	convertible jack plug (1/8" to 1/4")
• Net/shipping weight:	190 g (6.7 oz.)/400 g (14.1 oz.)

• Type:	closed-back, dynamic headphones
• Sensitivity:	125 dB/V
• Audio Bandwidth:	12 to 28,000 Hz
• Rated Impedance:	32 ohms
• Cable:	1.5 m (99.9% oxygen-free)
• Connector:	gold plated stereo mini-plug
• Net/shipping weight:	73 g (2.6 oz.)/260 g (9.2 oz.)

Studio and broadcast applications

- Professional headset derived from K 271 Studio headphones
- Closed-back earphones for optimum ambient-noise attenuation
- Shock mounted condenser microphone optimized for intelligibility of speech
- Microphone arm swiveling through 270 degrees for left or right-hand use, with integrated mute switch
- Headphone auto-mute function
- Switchable bass cut filter



HSC 271

On-air commenting on radio and TV

- Professional headset derived from K 171 Studio headphones
- Closed-back earphones
- Shock mounted condenser microphone
- Switchable bass cut filter
- Noiseless microswitches for automatic microphone muting
- Complete with two pairs of replaceable ear pads (velour and leather)

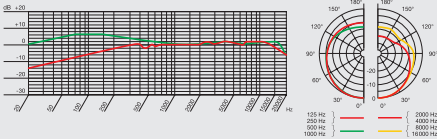


HSC 171

This **professional headset** has been designed specifically for broadcast use. Its **high quality condenser microphone** is **shock mounted** to minimize mechanical noise. The phantom power adapter integrated in the 3-pin XLR microphone connector provides a **switchable bass cut filter**. Complete with two pairs of (velour and leather) ear pads that are easy to remove and clean.

Item number:

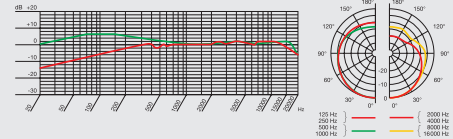
HSC 271 2955Z0014



Supraaural, closed-back earphones make this **professional headset** the ideal choice for on-air use. Derived from the high quality, **extremely accurate K 171 Studio headphones**, the **HSC 171** uses a **speech optimized condenser microphone**. Depending on your preferences or available space, you can place the microphone to the left or right of your mouth. The 3-pin XLR microphone connector provides an integrated phantom power adapter with a switchable bass cut filter.

Item number:

HSC 171 2955Z0012



MICROPHONE:

• Type:	prepolarized condenser microphone
• Polar pattern:	cardioid
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	25 mV/Pa
• Max. SPL for 1% THD:	126 dB
• Equivalent noise level:	22 dB-A
• Signal/noise ratio (A-weighted):	72 dB
• Impedance:	≤200 ohms
• Recommended load impedance:	≥2,000 ohms
• Power requirement:	9 to 52 V phantom power
• Current consumption:	≤2 mA

HEADPHONES:

• Type:	closed-back, circumaural dynamic headphones
• Sensitivity:	91 dB SPL/mW, 104 dB/V
• Frequency range:	16 to 28,000 Hz
• Power rating:	200 mW
• Rated impedance:	55 ohms
• T.H.D.:	<0.3%

SYSTEM:

• Connector:	6-pin mini XLR connector
• Cable:	2 x 3-conductor, separable, 3 m (10 ft.) long, coiled section, with 6-pin female mini XLR connector, 1/4" TRS jack plug (headphones), and 3-pin XLR connector w/inte-grated HSC-PA phantom power adapter (microphone)
• Finish:	matte black
• Weight:	300 g (10.6 oz.)/755 g (26.4 oz.)

MICROPHONE:

• Type:	prepolarized condenser microphone
• Polar pattern:	cardioid
• Frequency range:	20 to 20,000 Hz
• Sensitivity:	25 mV/Pa
• Max. SPL for 1% THD:	126 dB
• Equivalent noise level:	22 dB-A
• Signal/noise ratio (A-weighted):	72 dB
• Impedance:	≤200 ohms
• Recommended load impedance:	≥2,000 ohms
• Power requirement:	9 to 52 V phantom power
• Current consumption:	≤2 mA

HEADPHONES:

• Type:	closed-back, supraaural dynamic headphones
• Sensitivity:	94 dB SPL/mW, 107 dB/V
• Frequency range:	18 to 26,000 Hz
• Power rating:	200 mW
• Rated impedance:	55 ohms
• T.H.D.:	<0.4%

SYSTEM:

• Connector:	6-pin mini XLR connector
• Cable:	2 x 3-conductor, separable, 3 m (10 ft.) long, coiled section, with 6-pin female mini XLR connector, 1/4" TRS jack plug (headphones), and 3-pin XLR connector w/inte-grated HSC-PA phantom power adapter (microphone)
• Finish:	matte black
• Weight:	250 g (8.8 oz.)/720 g (25.2 oz.)

Recording studio and broadcast applications

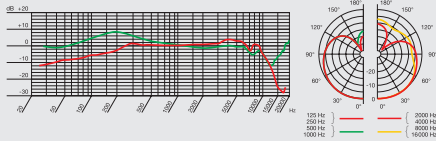
- Professional headset derived from K 271 Studio headphones
- Closed-back earphones for optimum ambient-noise attenuation
- Dynamic microphone optimized for intelligibility of speech
- Shock mounted transducer
- Microphone arm swiveling through 270 degrees for left or right-hand use, with integrated mute switch
- Headphone auto-mute function



HSD 271

With its high quality dynamic microphone that is shock mounted to minimize mechanical noise, the **HSD 271** is an **ideal tool for high quality productions**. AKG lightweight construction and the patented AKG **self-adjusting headband** ensure **excellent comfort** for many hours on end. Complete with two pairs of (velour and leather) ear pads that are easy to remove and clean.

Item number:
HSD 271 2955Z0004



Live sound use

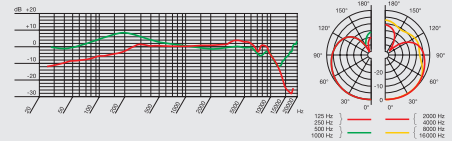
- Professional headset derived from K 171 Studio headphones
- Closed-back earphones
- Shock mounted dynamic microphone
- Noiseless microswitches for automatic microphone muting
- Complete with two pairs of replaceable ear pads (velour and leather)



HSD 171

Supraaural, closed-back earphones make this **headset a truly professional tool** for live sound use. Derived from the high quality, extremely accurate K 171 Studio headphones, the **HSD 171** uses a **speech optimized dynamic microphone** that is shock mounted on a microphone arm swiveling through 270 degrees.

Item number:
HSD 171 2955Z0002



MICROPHONE:

- **Type:** dynamic
- **Polar pattern:** hypercardioid
- **Frequency range:** 60 to 17,000 Hz
- **Sensitivity:** 1 mV/Pa (-60 dB)
- **Max. SPL for 1%/3% THD:** 124/128 dB
- **Equivalent noise level:** 15 dB-A
- **Impedance:** <600 ohms
- **Recommended load impedance:** ≥2,000 ohms

HEADPHONES:

- **Type:** closed-back, circumaural dynamic headphones
- **Sensitivity:** 91 dB SPL/mW, 104 dB/V
- **Frequency range:** 16 to 28,000 Hz
- **Power rating:** 200 mW
- **Rated impedance:** 55 ohms
- **T.H.D.:** <0.3%

SYSTEM:

- **Connector:** 6-pin mini XLR connector
- **Cable:** 2 x 3-conductor, separable, 3 m (10 ft.) long, coiled section, with 6-pin female mini XLR connector, 1/4" TRS jack plug (headphones), and 3-pin XLR connector (microphone)
- **Finish:** matte black
- **Weight:** 305 g (10.8 oz.)/760 g (26.6 oz.)

MICROPHONE:

- **Type:** dynamic
- **Polar pattern:** hypercardioid
- **Frequency range:** 60 to 17,000 Hz
- **Sensitivity:** 1 mV/Pa (-60 dBV)
- **Max. SPL for 1%/3% THD:** 124/128 dB
- **Equivalent noise level:** 15 dB-A
- **Electrical impedance:** <600 ohms
- **Recommended load impedance:** ≥2,000 ohms

HEADPHONES:

- **Type:** closed-back, supraaural dynamic headphones
- **Sensitivity:** 94 dB SPL/mW, 107 dB/V
- **Frequency range:** 18 to 26,000 Hz
- **Power rating:** 200 mW
- **Rated impedance:** 55 ohms
- **T.H.D.:** <0.4%

SYSTEM:

- **Connector:** 6-pin mini XLR connector
- **Cable:** 2 x 3-conductor, separable, 3 m (10 ft.) long, coiled section, with 6-pin female mini XLR connector, 1/4" TRS jack plug (headphones), and 3-pin XLR connector (microphone)
- **Finish:** matte black
- **Weight:** 255 g (9 oz.)/725 g (25.4 oz.)

Intercom and on-air use

- Professional single-earphone headset derived from K 271 Studio headphones
- Closed-back earphones
- Shock mounted dynamic microphone
- Noiseless microswitches for automatic microphone muting
- Headphone auto-mute function

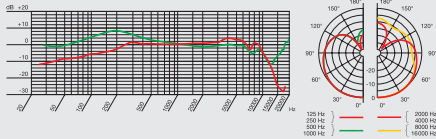


HSD 271 Single

The **HSD 271** is also available in a **special version** with a **single earphone**. This model is ideal for all jobs where the user needs to listen to "air-borne" sounds as well as information on the headphones.

To ensure excellent audio, the Single version uses the same high quality dynamic microphone and shock mount minimizing mechanical noise. The **microphone** can be **placed on your left or right**.

Item number:
HSD 271 Single 2955Z0024



MICROPHONE:

• Type:	dynamic
• Polar pattern:	hypercardioid
• Frequency range:	60 to 17,000 Hz
• Sensitivity:	1 mV/Pa (-60 dB)
• Max. SPL for 1%/3% THD:	124/128 dB
• Equivalent noise level:	15 dB-A
• Electrical impedance:	≤600 ohms
• Recommended load impedance:	≥2,000 ohms

HEADPHONES:

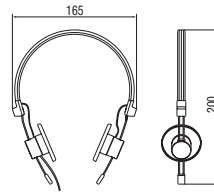
• Type:	closed-back, circumaural dynamic headphones
• Sensitivity:	94 dB SPL/mW, 104 dB/V
• Frequency range:	16 to 28,000 Hz
• Power rating:	200 mW
• Rated impedance:	55 ohms
• T.H.D.:	<0.3%

SYSTEM:

• Connector:	6-pin mini XLR connector
• Cable:	2 x 3-conductor, separable, 3 m (10 ft.) long, coiled section, with 6-pin female mini XLR connector, 1/4" TRS jack plug (headphones), and 3-pin XLR connector (microphone)
• Finish:	matte black
• Weight:	265 g (9.4 oz.)/670 g (23.5 oz.)

Conference Tour guide Interpretation system Language lab, language school

- Extremely rugged, supraaural dynamic headphones
- Easy to clean, hygienic
- Ideal conference headphones



K 10

Lightweight yet extremely **rugged mono headphones**. Plastic coated steel wire headband, individually adjustable supraaural earphones. **Easy-to-clean**, hygienic plastic earcups. Fully serviceable, single cable.

Ideal **conference headphones**.

Item number:
K 10 2246Z0013

• Type:	Dynamic, supraaural/closed-back
• Sensitivity:	98 dB SPL/1 mW
• Frequency range:	100 to 13,000 Hz
• Impedance:	360 ohms
• Power handling capability:	200 mW
• THD:	<1%
• Headband pressure:	2.8 N
• Finish:	black
• Cable:	1.5 m (5 ft.), single entry
• Connector:	gold plated TS mini jack plug
• Net/shipping weight:	72 g (2.5 oz.)/110 g (3.9 oz.)

Patents

Patent Numbers	Description	Related Products
AT 395.225 DE 4.103.784 JP 2.815.488	Electrostatic transducer	C 12 VR, C 414 XLS, C 414 XL II C 3000 B, C 4000 B, C 4500 B-BC SolidTube
AT 392.182 DE 4.021.661	Electrode support for condenser transducer	C 5, C 451 B, C 1000 S C 2000 B, C 5900 ^M , CK 91, CK 92, CK 93, CK 94, CK 98
AT 403.751 US 6,185,809 EP 814.637 (DE, DK, FI, FR, GB, IT, NL)	Varimotion – multiple-thickness diaphragm for dynamic transducer	D 5, D 5 S, D 230, D 770, D 3700 ^M , D 3800 ^M , K 141 Studio, K 171 Studio, K 240 Studio, K 271 Studio, K 601, K 701
AT 407.322 US 6,351,543	Pressure compensation cavity for condenser transducer	CK 77 WR, C 577 WR, HC 577
AT 411.513 US 6,510,231	Electrostatic transducer	C 2000 B
US 6,622,820	Pop filter	C 4500 B-BC
AT 408.706 US 6,639,991 ZL 01116806	Acoustics slot resistor for dynamic transducer	K 141 Studio, K 171 Studio, K 240 Studio, K 271 Studio
AT 408.280 GB 2.349.230 US 6,344,730	Remaining battery life	WMS 450, WMS 4000, IVM 4
AT 410.994 ZL 021302618 US 6,619,969	Plug	GB 40
AT 414.198 RU 2.282.954	3D-Axis folding mechanism	K 181 DJ, K 518 DJ
AT 413.923 RU 2.282.953 US 7,072,483	3D-Axis folding mechanism	K 181 DJ, K 518 DJ

Accessories – Windscreens

W 23

For use with ball head microphones approx. 50 mm

Item number:
6000H0621



W 30

For use with CK 31, CK 32, and CK 33

Item number:
2765Z0030



W 32

For use with microphones approx. 50 mm (2 in.) in diameter, e.g., CK 61-ULS

Item number:
6000H0624



W 44

For use with C 520

Item number:
2344Z0101



W 48

For use with CK 69-ULS

Item number:
2569Z4001



W 49

For use with CK 69-ULS

Item number:
2569Z4101



W 68

For use with C 568 B

Item number:
2168Z3001



W 70

For use with CK 47 and C 747

Item number:
2421Z0101



W 77 W 77/P

For use with CK 77 WR, C 477 WR and C 577 WR

Item number:
black: 9999N0624
flesh-tone (P): 9999N0625



W 77 M

Wire mesh windscreens for use with CK 77 WR, C 477 WR, and C 577 WR

Item numbers:
black: 6000H0576
flesh-tone (P): 6000H0578



W 77 Set

Windscreen-Set for use with CK 77 WR, C 477 WR and C 577 WR

Item number:
6000H0575



W 90

For use with AKG Blue Line capsules CK 91/92/93/94, and C 451B

Item number:
2496Z0001



W 98

For use with CK 98

Item number:
2439Z3001



<p>W 407</p>  <p>For use with C 417</p> <p>Item number: W 407: 2366Z0601</p>	<p>W 414 X</p>  <p>For use with C 414 B-XLS, C 414 B-XL II and C 3000 B</p> <p>Item number: 2803Z0301</p>	<p>W 444</p>  <p>For use with C 555 L</p> <p>Item number: 2656Z1001</p>	<p>W 547</p>  <p>For use with C 547 BL</p> <p>Item number: 2448Z0201</p>	
<p>W 880</p>  <p>For use with ball head microphones approx. 40 to 50 mm (1.6 to 2 in.) in diam.</p> <p>Item number: 6000H0580</p>	<p>W 1000</p>  <p>For use with C 1000 S</p> <p>Item number: 2331Z1401</p>	<p>W 3001</p>  <p>For use with Tripower Series vocal microphones</p> <p>Item number: 2630Z0001</p>	<p>W 4000</p>  <p>For use with C 4000 B and C 4500 B-BC</p> <p>Item number: 2802Z0201</p>	<p>W Solid</p>  <p>For use with SolidTube</p> <p>Item number: 2802Z0101</p>

Accessories – Supports

<p>H 30</p>  <p>Universal shock mount</p> <p>Item number: 2183Z0001</p>	<p>H 40/1</p>  <p>Tie clip for use with all lavalier microphones</p> <p>Item number: 2544Z0003</p>	<p>H 41</p>  <p>Tie pin for use with all lavalier microphones</p> <p>Item number: 2544Z0002</p>	<p>H 47</p>  <p>Shock mount for use with C 747</p> <p>Item number: 2423Z0101</p>
<p>H 50</p>  <p>Stereo bar for use with C 747</p> <p>Item number: 6000H0571</p>	<p>H 85</p>  <p>Universal shock mount for all microphones with shaft diameters from 19 to 26 mm (0.75 to 1 in.), e.g. C 414 B-XLS und C 414 B-XL II.</p> <p>Item number: 2803Z0008</p>	<p>H 300</p>  <p>Clip for X/Y or MS configurations</p> <p>Item number: 2595Z0001</p>	

Accessories – Supports/Stand Adapters

H 500

Shock mount for goosenecks with integrated XLR connector, e.g., CGN 321 E.

Item number:
6000H0190



H 600

Shock mount for all goosenecks 8 mm (0.3 in.) in diameter including reducing socket A 608

Item number:
2426Z0004



SA 44

For use with Emotion Series Microphones

Item number:
6001H0632



SA 47

For use with C 747

Item number:
2186Z0005



SA 60

For use with straight-shaft microphones

Item number:
6000H6001



SA 61

For use with conical-shaft microphones

Item number:
6000H6101



SA 63

For use with WMS handheld transmitters

Item number:
6000H6301



Accessories – Stands/Phantom Power Adapters

ST 1

Folding mini tripod dia.: 260 mm (10 in.), h: 85 mm (3.3 in.)

Item number:
6000H0420



ST 45

Low-profile table stand w/off-center threaded stub dia.: 115 mm (4.5 in.)

Item number:
6000H0308



ST 46

Miniature stand for small microphones dia.: 70 mm (2.8 in.), h: 45 mm (1.8 in.)

Item number:
6000H0306





ST 305

Heavy-duty table stand dia.:
170 mm (6.7 in.), h: 95 mm (3.7 in.)

Item number:
6000H0305



A 48 V

Modifies B 18 to provide
48 V phantom power

Item number:
2318Z0001



B 18

Battery operated phantom power
supply for one condenser microphone

Item number:
2198Z0002



B 29 L

Battery operated power
supply and mini mixer for one
or two microphones with L-plug

Item number:
6000H0462



MPA V L

Phantom power adapter with XLR connector
for L type MicroMic microphones with
integrated bass roll-off switch.

Item number:
3170H0002

Other Accessories



A 61

180° swivel joint for
connecting C 480 B and capsule

Item number:
2363Z0001



A 91

Swivel adapter for
connecting SE 300 B and capsule

Item number:
2491Z0001



GNS 36

360 mm (14 in.) gooseneck, black

Item number:
6000H0344



MF-DA

Mounting flange for use with GN Series

Item number:
2647Z0001



MSH 70

Short gooseneck for use with C 747

Item number:
2419M0102

PF 80

Universal pop filter for use with vocal
recording microphones

Item number:
6000H0632



PS 3 F-LOCK

Lockable panel-mount XLR connector
for goosenecks with integrated 3-pin
XLR connector, e.g., CGN 321 E.

Item number:
2425Z0001



SHZ 80

Slotted screw link
for use with C 747

Item number:
3416Z0102

Accessories Matrix

Product	Windscreens																	Supports																		
	W 23	W 30	W 32	W 44	W 48/W 49	W 68	W 70	W 80	W 77, W 77/P	W 77 M	W 77 Set	W 90	W 98	W 407	W 414 X	W 444	W 547	W 880	W 1000	W 3001	W 4000	W Solid	H 30	H 40/1	H 41	H 47	H 50	H 85	H 300	H 500	H 600					
Recording and Broadcast Microphones	C 12 VR																																			
	C 451 B/C451 B/ST			■								■													■				■	■	■					
	C 414 B-XLS														■														■							
	C 414 B-XL II														■														■							
	C 4000 B																						■							■						
	C 3000 B															■														■						
	C 2000 B																													■						
	C 1000 S																				■					■										
	Solidtube																									■										
	C 4500 B-BC																										■									
	D 230	■																								■										
	C 480 B/ULS 61			■																						■						■				
	CK 69-ULS					■																				■										
	C 391 B												■													■						■				
	CK 98													■												■										
	Perception 400																									■										
Perception 200																										■										
Perception 150			■																							■						■				
Perception 100																										■										
Handheld Microphones	C 5	■																							■											
	Elle C	■																							■											
	C 535 EB	■																							■											
	C 5900 ^M	■																							■											
	D 5/D 5 S	■																							■											
	D 3800 ^M /D 3800 ^S	■																							■											
	D 3700 ^M /D 3700 ^S	■																							■											
Instrumental Microphones	D 770	■																							■											
	D 44 S, D 55 S, D 77 S, D 88 S	■																							■											
Clip-on Microphones	D 112																								■											
	D 11, D 22																																			
	C 430			■																																
Headworn Microphones	C 518 M, C 519 M				■																															
	C 518 ML, C 519 ML				■																															
Lavaler Microphones	C 411 L																																			
	C 516 ML				■																															
	HC 577 WR								■	■	■																									
Boundary Layer and Shotgun Microphones	C 520				■																															
	C 555 L																																			
	CK 77 WR								■	■	■																									
	C 417															■											■	■								
	CK 55 L																																			
	GN E/GN ESP Series																																	■	■	
	GN Series																																		■	
	GN E 5Pin Series																																		■	
	GN 155 Set																																			
	GN 15 HT																																			
	CK 31, CK 32, CK 33		■																																	
	CK 47																																			
	CK 80																																			
	CGN 321 E/CGN 521 E																																		■	■
	CGN 323 E/CGN 523 E																																		■	■
	D 58 E			■																																
D 542 E																																				
HM 1000, CHM 21																																				
C 747																																				
C 547 BL																																				
C 680 BL, C 400 BL																																				
C 542 BL, C 562 CM																																				
C 568 B																																				

All accessories listed above are available separately. Accessories supplied as standard with specific products are listed in the specifications tables for the appropriate products.

Key to AKG Product Names

Here is a list of the prefixes and suffixes we use to designate the various types of products:

Microphone, Headphone, and System Prefixes:

C

Condenser microphone, e.g., C 5

CK

Condenser microphone capsule, e.g., CK 98

D

Dynamic microphone, e.g., D 5

GN

Gooseneck for Discreet Acoustics Series microphones, e.g., GN 15 E

HSC

Headset with condenser microphone, e.g., HSC 271

HSD

Headset with dynamic microphone, e.g., HSD 271

HT

Handheld transmitter for wireless microphone systems, e.g., HT 4000

K

Headphones, e.g., K 240 Studio

PT

Bodypack transmitter for wireless microphone systems, e.g., PT 4000

SE

Powering module for modular microphones, e.g., SE 300 B

SR

Stationary receiver for wireless microphone systems, e.g., SR 4000

WMS

Wireless microphone system, e.g., WMS 4000

Accessory Prefixes:

B

Battery power supply, e.g., B 18, B 29 L

GNS

Gooseneck system, e.g., GNS 36

H

Support, e.g., H 30

MPA

Phantom power adapter for microphones, e.g., MPA V L

MSH

Gooseneck for microphones, e.g., MSH 70

SA

Stand adapter, e.g., SA 60, SA 61

ST

Floor or table stand, e.g., ST 1, ST 45

W

Windscreen, e.g., W 23, W 32

Microphone, Headphone, and System Suffixes:

B

Bass rolloff or bass cut filter, e.g., C 568 B

BL

Boundary microphone, e.g., C 400 BL

CM

Ceiling mount microphone, e.g., C 562 CM

E

XLR connector. e.g., GN 15 E. Also used for some earlier microphone models, to distinguish versions with XLR connectors, e.g., C 535 EB, from versions with DIN connectors

L

Microphones or systems with miniature-XLR connector, e.g., C 417 L

M

Modular System like D 3800^M or C 519 M

ML

Microphones or systems with miniature-XLR connector, e.g., C 518 ML

/P

Microphones in flesh-color finish, e.g., C 477 WR L/P

PP

Microphones with phantom power adapter provided, e.g., C 417 PP

S

On/off switch, e.g., D 5 S

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