

EUROLIVE

B1520DSP

Technical Specifications

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EUROLIVE

Digital Processor-Controlled 600-Watt 15" PA Speaker System with Integrated Mixer

- ▲ High-power 600-Watt 2-way PA sound reinforcement speaker system with integrated mixer for live and playback applications
- ▲ State-of-the-art 24-bit digital signal processor for ultimate system control:
 - Digital crossover, phase and time correction for perfect driver alignment plus dual compressor/limiter for total system protection
 - Digital noise gate, low-cut filter, 2-band EQ, dynamic Contour filter for ultimate sound reproduction
- ▲ 2 ULN Mic/Line inputs with individual volume controls and peak LEDs
- ▲ Extremely powerful 15" long-excursion driver provides incredibly deep bass and acoustic power
- ▲ State-of-the-art 1.75" titanium-diaphragm compression driver for exceptional, high-frequency reproduction
- ▲ Additional Line output enables linking of additional speaker systems
- ▲ Versatile trapezoidal enclosure design allows different positioning:
 - Cluster and stacking mode
 - Stand mounting with 35-mm pole socket
- ▲ Rugged steel grill for optimal speaker protection
- ▲ Ergonomically shaped handles for easy carrying and setup
- ▲ High-quality components and exceptionally rugged construction ensure long life
- ▲ Conceived and designed by BEHRINGER Germany

B1520DSP

Specifications

AUDIO INPUTS

MIC/LINE (2)	XLR (balanced)
Input impedance	27 kOhm
Sensitivity	-40 to +10 dBu

AUDIO OUTPUTS

LINE OUT	XLR (balanced)
Output impedance	120 Ohm

PROCESSING

DSP	24-bit Motorola
AD/DA converter	24-bit / 48 kHz
Limiter	dual protection for woofer and driver
Dynamic EQ	dual parametric EQ's
NOISE GATE	variable (off to -30 dB)
TIMED TURNOFF	switchable (3 min < -45 dB)
CONTOUR	switchable speech / music contour
EQ HIGH	+/- 15 dB (12 kHz)
EQ LOW	+/- 15 dB (100 Hz)
LOW CUT	40 - 160 Hz (24 dB/Oct.)

LOUDSPEAKER SYSTEM DATA

Frequency range	40 Hz to 20 kHz
Crossover	Butterworth, 1.5 kHz, 24 dB/Oct.
Max. sound pressure level	128 dB @ 1 m
Dispersion angle	90° x 45°

OUTPUT POWER

Low-frequency range

RMS @ 1% THD	320 W @ 8 Ohm
Peak Power	460 W @ 8 Ohm

High-frequency range

RMS @ 1% THD	80 W @ 8 Ohm
Peak Power	140 W @ 8 Ohm

POWER SUPPLY

Mains Voltage/Fuses

100 V~, 50/60 Hz	T 6,3 A H 250 V
120 V~, 60 Hz	T 6,3 A H 250 V
220 V~, 50 Hz	T 4,0 A H 250 V
230 V~, 50 Hz	T 4,0 A H 250 V
Power consumption	max. 650 W
Mains connector	Standard IEC receptacle

DIMENSIONS/WEIGHT

Dimensions (W x H x D)	approx. 18 3/10" x 27 3/5" x 19" approx. 465 x 700 x 482 mm
Weight	approx. 79.4 lbs. approx. 36.5 kg

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Tel. +49 2154 9206 0, Fax +49 2154 9206 4903