



KL18

High technology ultra-light passive 18" subwoofer

Features:

- K** Unique performance-to-size ratio
- K** High power 127dB continuous, 133dB peak
- K** Fitted with integral handles and castors
- K** Direct radiating, long excursion 18" driver
- K** Integrated 35mm pole adapter
- K** Ultra fast set-up and dismantling system

Applications:

- K** Theatrical sound reinforcement
- K** Concert halls, clubs, houses of worship
- K** Portable and installed audio-visual systems
- K** Cinema and special effects
- K** Optimized for **KF12** systems

The **KL18** is a high performance sub-bass system designed for use with small to medium wavefront systems, in both touring and install applications.

It features a 1600 watt 18" drive unit with magnet structure and suspension engineered for maximum linear excursion.

The ultra-light reflex cabinet is fitted with two pocket handles and one 35mm pole mounting point for easy installation with every satellite speaker on it. It features large area porting to reduce air noise.

The **KL18** is designed to be powered by **KF12** sub power output.

The **KL18** is ideal for medium throw applications, like theaters, concert halls, AV installations.

The **KL18** is designed to easily integrate with **KF12** powered satellites.

All the **KL18** components are designed by **K-array** R&D department and custom made under **K-array** control quality system.



Specifications

Acoustics	
Power handling	800 w ¹
Max power	1600 w ²
Impedance	8Ω
Operating frequency range	30Hz - 150 Hz +/- 3dB (preset dependent) ³
Frequency range	35Hz - 100 Hz +/- 3dB (preset dependent) ⁴
SPL 1W/1mt	97 dB ⁵
Maximum SPL	127dB continuous - 133 dB peak ⁶
Coverage	
Horizontal	DSP controlled preset
Vertical	150 Hz max (preset dependent) ⁷
Transducers	
Low - Mid frequency	1 x 18" Neodymium speakers with 3" voice coil
Audio Input	
Connectors	2 x 4-pin female Speakon
Wiring	Pin 1+ = positive / Pin 1- = negative / Pin 2+ 2- = N.C.
Physical	
Dimensions	46.5 x 46.5 x 58.5 cm (18.31 x 18.31 x 23.03 inches)
Weight	17 Kg (37.48 lbs)

Notes for data

1. Power handling is measured following AES standard conditions: transducers driven continuously for two hours with a band-limited noise signal having 6 dB of crest factor.
2. Max power is the maximum RMS applicable power for a musical signal, the reference signal is the one proposed by EIAJ standard.
3. Recommended maximum operating frequency range. Response depends on loading conditions and room acoustics.
4. Free field measured with 1/3 octave frequency resolution at 2 mt.
5. Measured @ 4 mt then scaled @ 1 mt.
6. Measured with audio source @ 1 mt.
7. This is the frequency in which the transducers produce the same sound pressure level (measured @ 2 mt).
8. Amplifier wattage rating is based on the maximum unclipped burst sine wave RMS voltage that the amplifier will produce into the nominal load impedance.

New materials and design are introduced into existing products without previous notice.
Present systems may differ in some respects from those presented in this brochure.

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