

**High technology ultra-light passive 12" subwoofer****Features:**

- K** Unique performance-to-size ratio
- K** High power 123dB continuous, 129dB peak
- K** Fitted with integral handles and castors
- K** Direct radiating, long excursion 12" 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 surround sound and effects
- K** Optimized for Redline systems

The **KL12** 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 600 watt 12" 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 **KL12** is ideal for small throw applications, like theaters, concert halls, AV installations.

The **KL12** is designed to easily integrate with **KF8** powered satellites.

All the **KL12** components are designed by **K-array** R&D department and custom made under **K-array** control quality system.

**Technical Details**

Acoustics	
Power handling	600 w <sup>1</sup>
Max power	1200 w <sup>2</sup>
Impedance	4Ω
Operating frequency range	30Hz - 150 Hz +/- 3dB (preset relating) <sup>3</sup>
Frequency range	40Hz - 150 Hz +/- 3dB (preset relating) <sup>4</sup>
SPL 1W/1mt	95 dB <sup>5</sup>
Maximum SPL	123dB continuous - 129 dB peak <sup>6</sup>
Coverage	
Horizontal	DSP controlled preset relating
Vertical	150 Hz max (preset relating) <sup>7</sup>
Transducers	
Low - Mid frequency	1 x 12" Neodymium speakers with 3" voice coil
Audio Input	
Connectors	2 x 4 poles Speakon female
Wiring	Pin 1+ = positive / Pin 1- = negative / Pin 2+ 2- = N.C.
Physical	
Measures	33,5 x 33,5 x 43,5 cm
Weight	12 Kg

**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 referement 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.