

KM8

*Ultra compact, high power,
passive Line Array Stage Monitor System*

Features:

- Unique performance-to-size ratio
- Single 8" ultra-long excursion bass driver
- Twin waveguide constant directivity coverage
- Two neodymium motor 1.75" voice coil compression driver
- Narrow horizontal coverage, optimised to make versatile line-array stage monitors
- Wide asymmetrical vertical coverage
- Integrated connection hardware
- Top quality components for outstanding performances
- For use in stand alone or in L.A.M.S. (Line Array Monitor System) applications

Applications:

- From smallest to largest stages
- Touring monitoring



The KM8 is a compact, high performance stage monitor combining high output and controlled dispersion design to meet critical requirements in professional applications. It features a high-excursion 8" mid-low frequency drive unit and two 1.75" compression drivers mounted on two waveguides.

Constant dispersion technology increases the area over which a constant SPL and constant frequency response is maintained. The horizontal coverage can be modified moving the array angles exactly in the same way of a standard line-array PA system, enabling the artist to move around more freely.

No phase problems will occur in comparison with standard monitoring systems. KM8 both alone or in array of many

units enables accurate reproduction of both vocals and instruments with high gain before feedback.

The KM8 is best use with KA amplifier modules, that, thanks to their dedicated on-board DSP allows exclusive presets employ for great performances and reliability. A full choice of presets is provided to optimize KM8 performances in any application.

The dedicated remote control software allows to control the KM8 monitor system powered by KA amplifiers, directly from PC.

All the KM8 components are designed by K- array R&D department and custom made under K-array control quality system.

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DATASHEET

KM8	
Acoustics	
Speakers Power handling	600 W ^(AES)
Max power	1000 W ¹
Impedance	10 Ω
Frequency range	65Hz - 19 KHz +/- 3dB (preset dependent)
SPL 1W/1mt	96 dB ²
Maximum SPL	124 dB continuous - 130 dB peak
Coverage	
Horizontal	20° (single unit) - array dependent
Vertical	100°
Crossover	
Type	Passive high-grade 18 dB/oct.
Frequency	1.5 KHz
Transducers	
Low - Mid frequency	1 x 8" Neodymium speakers with 3" voice coil
High frequency	2 x Neodymium compression driver with 1.75" voice coil
Power Audio Input	
Connectors	2 x parallel 4-pin speakon
Wiring	PIN1+= CH A + PIN1- = CH A - PIN2+ = CH B + PIN2- = CH B -
Selector switch	
CH A / CH B wiring mode possibility	
Recommended Amplifiers	
KA10, KA10-10, KA40	
Physical	
Dimensions	41.3 x 24.3 x 28.3 cm (16.26"x 9.57"x 11.14")
Weight	11 Kg (24.25 lbs)
<p><i>Notes for data</i></p> <p>1. Maximum RMS applicable power for a musical signal, the reference signal is the one proposed by EIAJ standard.</p> <p>2. Measured @4 mt then scaled @1 mt</p> <p>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.</p>	