

INSTALL Series

2 way passive loudspeaker system

Audio-Performance KM8

The KM8 is a two-way passive system employing a single AP8" low frequency driver capable of handling 300W (peak) mounted in a B-6 type enclosure. The high frequency unit is a 2" diaphragm Ferro fluid cooled compression driver coupled to a in house designed 40°/90°x60° asymmetrical horn. The system incorporates a low insertion loss passive filter designed for flat frequency response and optimal phase alignment.

The cabinet is constructed of high quality plywood and finished with durable black epoxy paint. No special tools are required to remove the steel front grill and to rotate the horn.

A 35mm tube adapter allows the KM8 to be placed on a stand.

Optional L-track single points are provided for ease of installation.

The KM8 is designed to work with the ASC48 19" single unit controller as a system, although it can be used without it. The controller increases the low frequency response and optimises the power handling by using an advanced RMS protection circuitry. The controller is essential for using the system in conjunction with the AP range of subwoofer systems.

Sub section off, on, modes are switch selectable. The controller can be switched between FOH or stage monitor mode. This switch activates an equalisation filter that compensates the low frequency loss that occurs when the system is used in full-space mode such as in flying clusters or when mounted on a stand.



IDEAL FOR

**Front of house
or
Stage monitor system**

**Touring
Concert halls
Clubs
Discotheques
Theatres**

Special Features

Asymmetrical horn

high efficiency

low distortion

processor controlled

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KM8 Specifications

Acoustical

frequency response (1)

60-20'000 Hz \pm 3dB

max. peak SPL (2)

123dB

power handling

300W (AES) (4)

crossover frequency (3)

1650Hz, 18dB per octave

Transducers and electrical

LO section

1 x 8", long excursion, low distortion cone driver
ferrofluid cooled

HI section

2" diaph. compression driver, ferrofluid cooled
loaded with a 40°/90° x 60° asymmetrical horn

system nominal impedance

8 ohms

connectors

2 x Neutrik Speakon, model NL4MP
(wired in parallel)

1+: SP+ 1-: SP-

2+: 2-: link

Mechanical

cabinet shape

multipurpose FOH or floor monitor

mounting system

one 35mm K&M tube stand adapter

finish

black epoxy paint

front metal grill covered with charcoal grey foam

cabinet size (W x H x D)

460x260x300 mm

weight

12kg

Options

AP range of subwoofer system

