

MULTI-PURPOSE Series

2 way passive loudspeaker system

Audio-Performance MP12

The MP12 is a compact two-way passive system that employs a single AP-12" low frequency driver mounted in a B-6 type vented enclosure. The high frequency unit is a one inch ferro fluid cooled driver coupled to a 40° / 90° x 60° AP asymmetrical horn. The system incorporates a low loss passive filter designed for flat frequency response and optimal phase alignment.

The cabinet is constructed of high quality 18mm plywood and finished with black epoxy paint. The front steel grill can be removed without any tools. Simply remove the foam cover and put the grill out of its sleeves by putting your finger in the holes. To rotate the horn, simply remove the bolts and put it in one of the four positions. Note that the horn carries a sticker showing the FOH and stage monitor position.

The MP12 comes with a 35mm tube adapter, two recessed L-track on the side of the loudspeaker and two single flying points at the back of the cabinet for aiming.

Its multi-angle design allows you to use the MP12 in a variety of applications. By rotating the asymmetrical horn, the MP12 can be configured as front of house or as stage monitor system.

The MP12 and Subs work together with the MP12-CT or ALC48 controller as a system. The single rack-unit, dual channel controller provides all the basic functions to get the maximum performance from the system. Though the MP12 are passively filtered loudspeakers, the MP12 controller provides active protection for each individual driver offering maximum clarity of the music program, even at very high levels

IDEAL FOR

Front of house
or
Stage monitor
system

Touring
Concert halls
Clubs
Discotheques
Theatres



Special Features

Asymmetrical horn

High efficiency

Low distortion

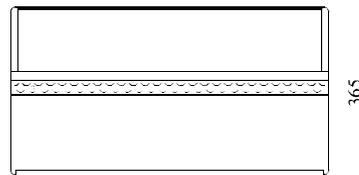
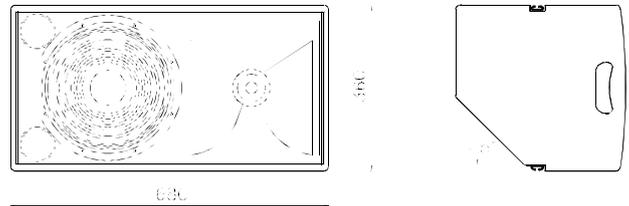
Processor controlled

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MP12 Specifications

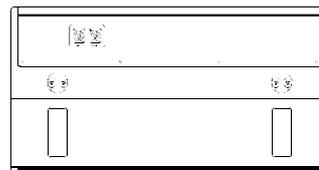
Acoustical

Frequency response (1)	55-20'000 Hz ± 3dB
Max. peak SPL (2)	131dB
Coverage	40°/90° by 60° (4 positions)
Crossover frequency (3)	1200Hz
Power handling	400W (AES) (4)

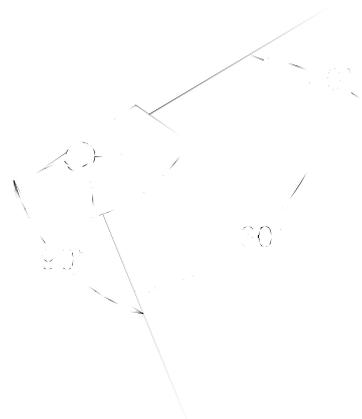


Transducers and electrical

Low frequency	12 inch, long excursion, low distortion cone driver
High frequency	2 inch diaphragm compression driver, loaded with asymmetrical horn
Nominal impedance	8 Ohms
Connectors	2 x Neutrik Speakon, model NL4MP (wired in parallel) 1+: SP+, 1-: SP-, 2+, 2-: link

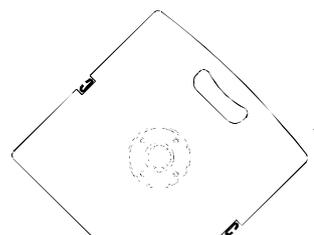


The coverage pattern of the asymmetrical horn.
Vertically 60° and horizontally smoothly changing from 90° to 40°



Mechanical

Cabinet shape	multipurpose FOH or floor monitor
Cabinet size (W x H x D)	698 x 360 x 365mm
Cabinet, finish	18mm plywood, black textured
Mounting system	one 35mm K&M tube stand adapter
Rigging	aircraft L-track fittings, sides and back
Protective grill	removable perforated steel grill covered with charcoal grey foam.
Weight	25 kg



**Low Profil
Stage Monitor**