

MULTI-PURPOSE Series

2 way passive loudspeaker system

Audio-Performance MP10

The MP10 is a compact two-way passive system that employs a single AP-10" ND low frequency driver mounted in a B-6 type vented enclosure. The high frequency unit is a one inch ND 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 15 & 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 MP10 comes with a 35mm tube adapter, two recessed L-track on the top of the loudspeaker and one single

flying points at the back of the cabinet for aiming.

Its multi-angle design allows you to use the MP10 in a variety of applications. By rotating the asymmetrical horn, the MP10 can be configured as front of house or as stage monitor system.

The MP10 and SUB's work together with the ALC48 controller or the AP5000 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 MP10 is passively filtered, the controller provides active protection for each individual driver offering maximum clarity of the music program, even at very high levels.

The AP5000 offers the same DSP performances as the ALC48 plus 2x 1'250W to power up to 4x MP10 in stereo mode.

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

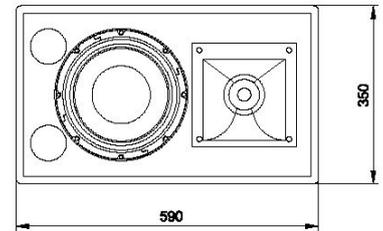


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MP10 Specifications

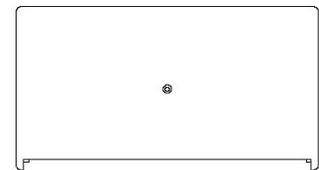
ACOUSTICAL

Frequency response (1)..... 55Hz - 20KHz
 Phase response 350Hz - 10Khz +/- 45°
 Max. peak SPL (2)..... 130dB
 Coverage Horizontal: 60°
 Vertical: smoothly changing from 90° to 40°
 Crossover Frequency 2KHz
 Power handling 400W (AES) (4)



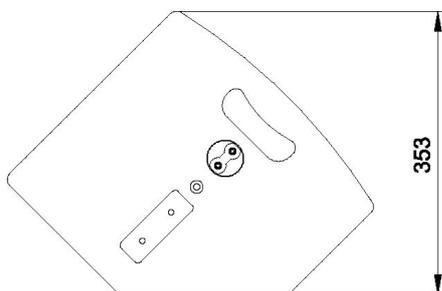
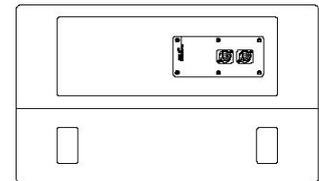
TRANSDUCERS

Low frequency 1 x 10 inch, neodymium, long excursion
 High frequency 1 x 2 inch diaphragm, neodymium 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-: linked

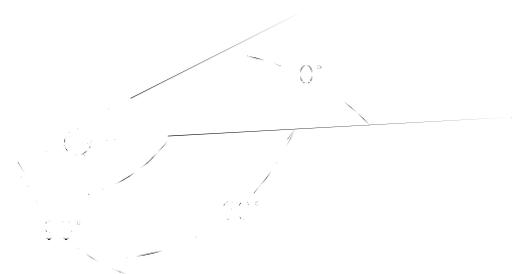


MECHANICAL

Enclosure shape Multipurpose FOH or Floor monitor
 Enclosure 15 & 18mm plywood
 Finish Black epoxy painted
 Dimensions (W x H x D) 590 x 350 x 321mm
 Grill Removable perforated 1,6mm steel, foam cover
 Weight 20Kg
 Rigging Aircraft L-track fittings, side and rear



Low Profil Stage Monitor



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