

Product Description

MX Series, Multi-Purpose, 2Way Passive Coaxial Loudspeaker System

Initially designed for multi-purpose applications, the coaxial technology has demonstrated numerous advantages over classic two-way systems which typically suffer from interference around the crossover point, resulting in lobing, uneven frequency and power response.

By superimposing HF and LF acoustic centers, the coaxial design creates a virtual point source with significantly improved radiation characteristics. This is particularly valuable in distributed sound reinforcement applications where most listeners are located off the system axis. As the sound field of coaxial enclosures is stable over the entire frequency spectrum and in all directions, all listeners benefit from an even sonic performance within the enclosure beamwidth.

Coaxial Technology:

The particular benefits of coaxial technology are related to the radiation characteristics of a point source. The natural studio monitor sound quality and the typ-

ical of coaxial systems is adapted to proximity applications such as stage monitoring, front-fills, under-balcony fills and FOH live monitoring.

All coaxial systems are available as plug-and-play solutions.

The MX Series deliver a complete sound reinforcement solution to fulfill the highest demands of audio professionals for both the fixed installation and rental production markets. The MX series delivers ultimate sonic performance in a compact and multi-purpose package.

The MX Series has been designed for use with the AP5000 amplified controller. A wide variety of presets are available across the entire MX range providing the sound designer with total creative freedom for any conceivable application in theatres, clubs, concert halls, broadcast and multipurpose facilities.

IDEAL FOR

Front of house
or
Stage monitor system

Touring
Concert halls
Clubs
Discotheques
Theatres

Special Features

Coaxial design

Point source

High efficiency

Low distortion

Processor controlled





Technical Data

MX Series, 2Way Passive loudspeaker system

ACOUSTICAL SPECIFICATIONS	MX8	MX12	MX15
Frequency response*	78Hz - 20KHz	57Hz - 20KHz	50Hz - 20KHz
Power AES (Low, High)	200W / 40W	350W / 75W	450W / 75W
Program Power (Low, High)	400W / 80W	700W / 150W	900W / 150W
Peak Power (Low, High)	800W / 160W	1400W / 300W	1800W / 300W
Sensitivity 1W@1m	95 dB	98 dB	100 dB
Maximum SPL peak	124 dB	130 dB	138 dB
Coverage	100° Conical	60°x 40°	60°x 40°
TRANSDUCERS DESCRIPTION			
	Coaxial	Coaxial	Coaxial
Low frequency cone driver	8 inch	12 inch	15 inch
HF compression driver output	1 inch	1,4 inch	1,4 inch
ELECTRICAL DESCRIPTION			
Crossover	2KHz	1.2KHz	1KHz
Impedance	8 ohms	8 ohms	8 ohms
Connectors	2x NEUTRIK NL4	2x NEUTRIK NL4	2x NEUTRIK NL4
MECHANICAL DATA			
Enclosure Material	12mm plywood	12mm plywood	12mm plywood
Finish	Black polyurethane coating	Black polyurethane coating	Black polyurethane coating
Dimensions (W x H x D)	294x260x260mm	480x430x370mm	574x430x370mm
Grill	Removable perforated steel	Removable perforated steel	Removable perforated steel
Weight	7,8Kg	19Kg	19Kg
Flying Hardware	Optional	Optional	Optional
35mm tube adaptor	Yes	Yes	Yes

MX12

