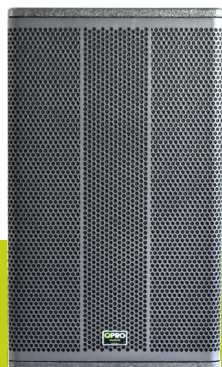




Full Range - Multipurpose - Vertical Array

M - SERIES



M 12



M 62



M 64

Allround Solutions

The M-Series loudspeakers are allrounders for a wide range of applications. From a 2 x 6.5"/1" System, up to a 12"/1.4" System, up to a 4 x 6.5"/3 x 1" fully horn loaded System the M-Series can be used for Rental, Installation, Churches, Stadiums, Clubs or Bars. Equipped with uncompromising chassis technology and perfect balanced passive crossovers, the M-Series loudspeaker technology allows a very compact and light weight design. The constant coverage and excellent tonal balance with high dynamic delivers outstanding, distortion free performance also at very high level. Beside the M64 Vertical Array, the M12 and M62 are equipped with rotatable horns to allow the horizontal and vertical use. The C-Series is the perfect solution for indoor - outdoor installations and rental applications. The M-Series speakers can be perfectly combined with all B-Series active and passive subwoofers where really clear, deep and loud low frequency reproduction is needed.

Perfect matching accessories, like U-Brackets with quick angle adjustment system or fly bars and system array bars are available as on option.



Features

- Weatherproof cabinet IP 54
- Polyurea coating for long lasting permanent installation
- Perforated, galvanized and anodized front grill
- High performance FE and ND loudspeakers and High drivers
- PM 4 Technology
- High driver PTC protection
- Constant dispersion
- Rotatable horns (M12/M62)
- Perfect matching accessories
- Optional vertical array bar for cluster application
- Optional Speakon protection cover

Accessories

M 64 Array Bar



M Series Bracket

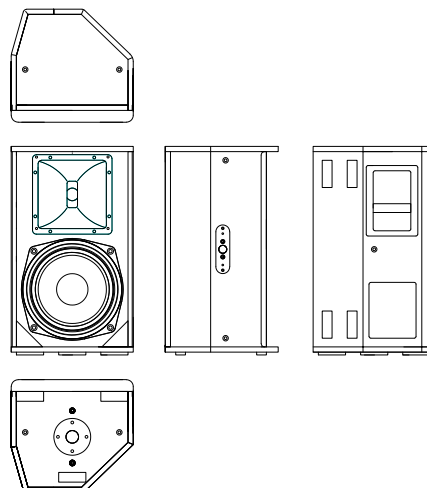


Full Range - Multipurpose - Vertical Array

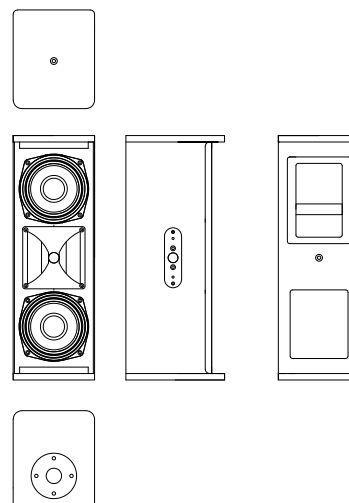
M - SERIES

Technical Data

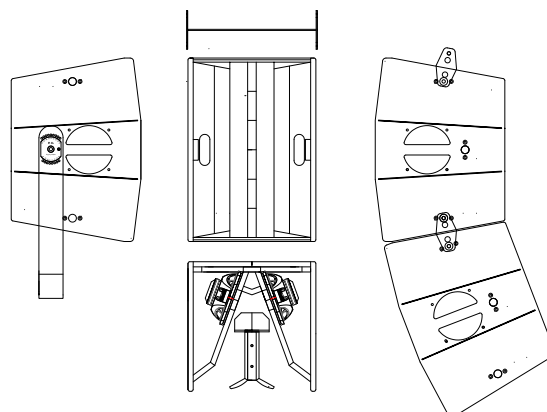
System	M 12
Frequency Range (-10 dB):	12"/1.4" multipurpose, full range
Coverage Pattern HxV:	50 Hz - 20 kHz
Crossover Frequency:	60° x 40°
Power Rating (AES/Program)	wideband
Maximum SPL:	600 W / 1200 W
System Sensitivity (1w/1m):	131 dB SPL
Nominal Impedance:	100 dB SPL
Speaker Low:	8 ohms
Speaker High:	12BM600
Enclosure:	QMB 144
Suspension / Mounting:	15 mm, birch plywood
Finish:	5 x M8, 2 x M10
Grille:	Black polyurea coating, IP 54
Input Connectors:	Powder coated, black perforated steel with acoustic cloth inside
Dimensions (W x H x D):	2 x Speakon NL 4
Net Weight:	1+1/- / 2+2/- to Sub
Optional Accessories:	350 mm x 590 mm x 324 mm
	21 kg
	Speakon protection cover
	MB 12 Bracket



System	M 62
Frequency Range (-10 dB):	2 x 6.5"/1" full range
Coverage Pattern HxV:	55 Hz - 20 kHz
Crossover Frequency:	90° x 60°
Power Rating (AES/Program)	1.800 Hz passive
Maximum SPL:	400 W / 800 W
System Sensitivity (1w/1m):	125 dB SPL
Nominal Impedance:	96 dB SPL
Speaker Low:	4 ohms
Speaker High:	2 x 6B200
Enclosure:	1 x QPM44
Suspension / Mounting:	15 mm, birch plywood
Finish:	3 x M8, 2 x M10, Speaker Stand Adapter
Grille:	Black polyurea coating, IP 54
Input Connectors:	Powder coated, black perforated steel with acoustic cloth inside
Dimensions (W x H x D):	2 x Speakon NL 4
Net Weight:	1+1/- / 2+2/- to Sub
Optional Accessories:	190 mm x 570 mm x 230 mm
	10 kg
	Speakon protection cover
	MB 62 Bracket

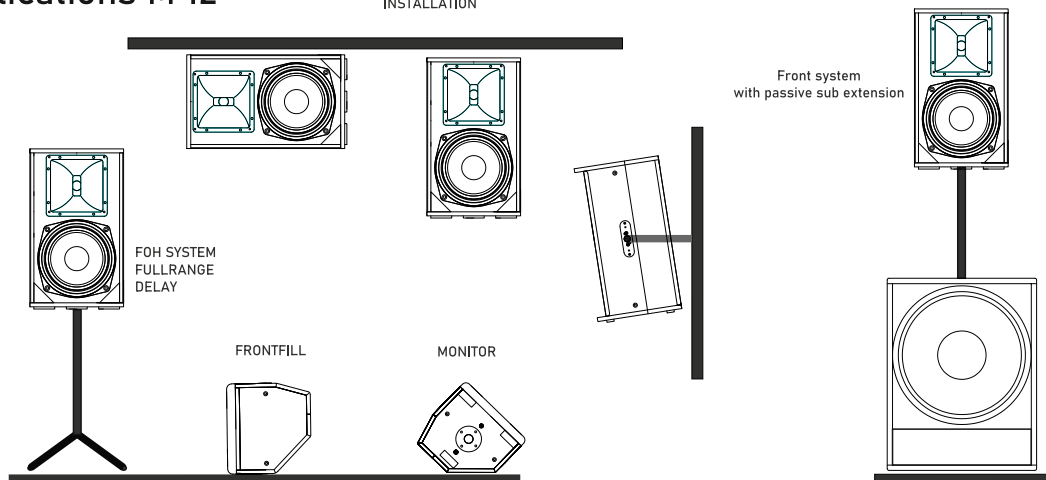


System	M 64
Frequency Range (-10 dB):	4 x 6.5"/3 x 1", horn loaded vertical Array
Coverage Pattern HxV:	80 Hz - 20 kHz
Crossover Frequency:	110° x 20°
Power Rating (AES/Program)	1.500 Hz passive
Maximum SPL:	1000 W / 2000 W
System Sensitivity (1w/1m):	138 dB SPL
Nominal Impedance:	105 dB SPL
Speaker Low:	8 ohms
Speaker High:	4 x 6M250
Enclosure:	3 x QPM44
Suspension / Mounting:	15 mm, birch plywood
Finish:	2 x M8, 6 x M10
Grille:	Black polyurea coating, IP 54
Input Connectors:	Powder coated, black perforated steel with acoustic cloth inside
Dimensions (W x H x D):	2 x Speakon NL 4
Net Weight:	1+1/- / 2+2/- to Sub
Optional Accessories:	370 mm x 530 mm x 375 mm
	20 kg
	Speakon protection cover
	MB 64 Bracket, CB 64 Connection bar



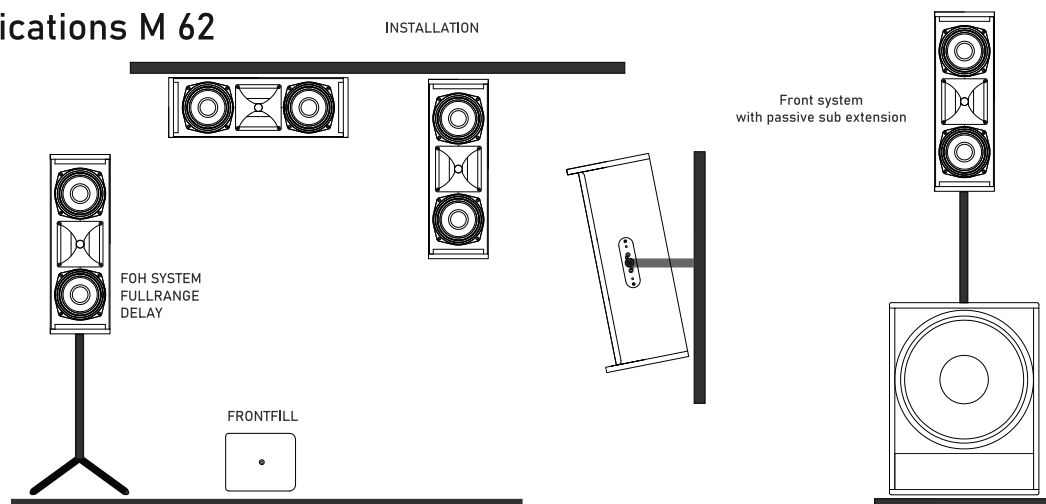
Applications M 12

INSTALLATION



Applications M 62

INSTALLATION



Applications M 64

INSTALLATION

