



Full Range & Point Source

P - SERIES



P 82



P 153



P 213



High End Solutions

During the P-Series concept development we and our industry partners have created a new generation of horn loaded point source systems. Together with our well known leading suppliers and international top partners, we have created high end sound systems with outstanding performance, perfect tonal balance and impressive distortion free SPL. All single parts are selected and combined together in the best technical and acoustical way. The P-Series is constructed as a range of reinforcement systems, which combines lightweight Neodym components, and perfect tuned passive crossovers to a maximum of performance and sonic clarity. The perfectly constructed easy to use rigging system is designed for most flexible sound reinforcement applications, from basic setups for conferences up to large live events or installations. Even in most advanced acoustic challenges, the P-Series is the perfect choice.

The P-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.



Features

- Weatherproof cabinet IP 54
- Polyurea coating for outdoor installation
- Perforated, galvanized and anodized front grill
- Airflow optimized front grill
- High performance FE and ND components
- PM 4 Technology
- High driver PTC protection
- Constant dispersion
- Rotatable horns
- Self lock U-Bracket system
- Ergonomic handles
- Perfect matching accessories
- Optional Fly bar



Accessories

P Series Fly Bar



P Series Bracket

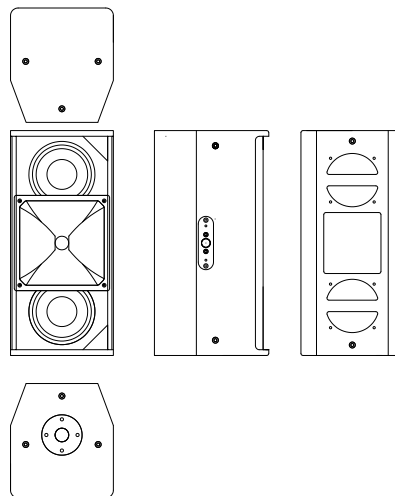


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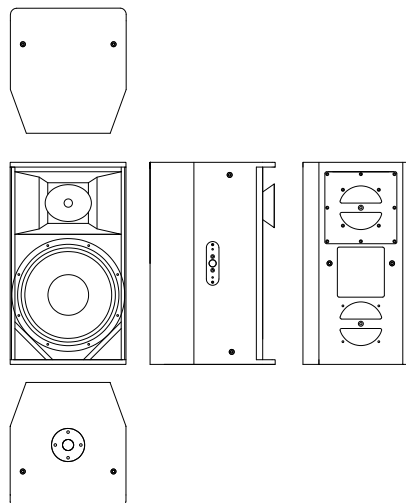
P - SERIES

Technical Data

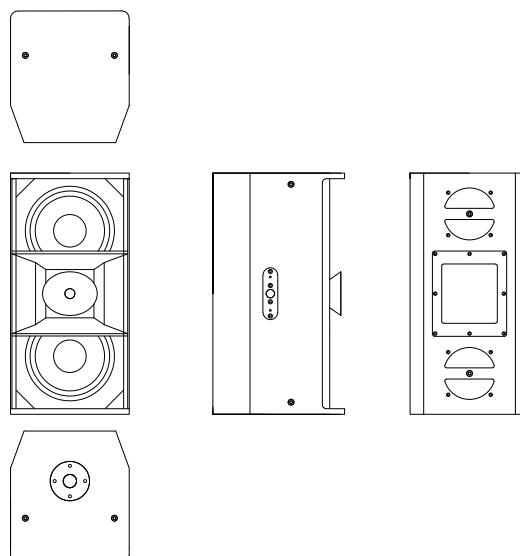
System	P 82
Frequency Range (-10 dB):	2 x 8"/1.4" Point Source, full range
Coverage Pattern HxV:	60 Hz - 20 kHz
Crossover Frequency:	90° x 40°
Power Rating (AES/Program)	1300 Hz
Maximum SPL:	1000 W / 2000 W
System Sensitivity (1w/1m):	136 dB SPL
Nominal Impedance:	100 dB SPL
Speaker Low:	4 ohms
Speaker Mid:	8" Beyma custom made
Speaker High:	1.4" Beyma custom made
Enclosure:	15 mm, birch plywood
Suspension / Mounting:	10 x M8, 2 x M10, Speaker Stand Adapter
Finish:	Black polyurea coating, IP 54
Grille:	Powder coated, black perforated steel with acoustic cloth inside
Input Connectors:	2 x Speakon NL 4
Dimensions (W x H x D):	1+1/- / 2+2/- to Sub
Net Weight:	270 mm x 590 mm x 300 mm
Optional Accessories:	18 kg
	Speakon protection cover
	PB 82 Bracket
	VAB 82 Vertical array bar



System	P 153
Frequency Range (-10 dB):	14"/ 6.5"/ 1" Horn loaded, full range
Coverage Pattern HxV:	48 Hz - 20 kHz
Crossover Frequency:	90° x 40°
Power Rating (AES/Program)	450Hz / 2200 Hz passive
Maximum SPL:	800 W / 1600 W
System Sensitivity (1w/1m):	136 dB SPL
Nominal Impedance:	101 dB SPL
Speaker Low:	8 ohms
Speaker Mid:	14" Beyma custom made
Speaker High:	6.5" Beyma custom made
Enclosure:	1" Beyma custom made
Suspension / Mounting:	15 mm, birch plywood
Finish:	10 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:	370 mm x 646 mm x 400 mm
	23 kg
	Speakon protection cover
	PB 153 Bracket
	VAB 153 Vertical array bar

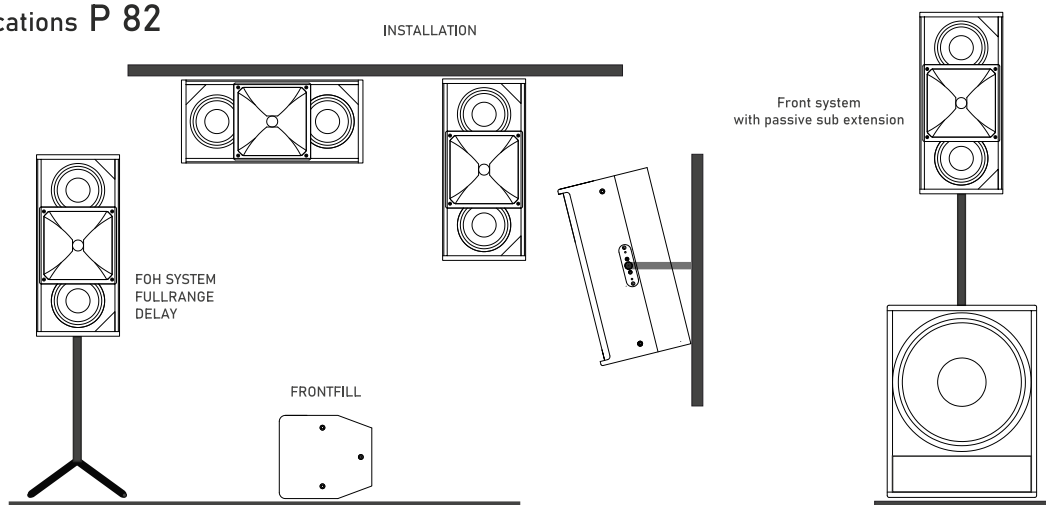


System	P 213
Frequency Range (-10 dB):	2 x 10"/ 6.5"/ 1" Horn loaded
Coverage Pattern HxV:	Point Source, full range
Crossover Frequency:	60 Hz - 20 kHz
Power Rating (AES/Program)	90° x 40°
Maximum SPL:	450 / 2200 Hz passive
System Sensitivity (1w/1m):	1400 W / 2800 W
Nominal Impedance:	141 dB SPL
Speaker Low:	104 dB SPL
Speaker Mid:	4 ohms
Speaker High:	2 x 10" Beyma custom made
Enclosure:	6.5" Beyma custom made
Suspension / Mounting:	1" Beyma custom made
Finish:	15 mm, birch plywood
Grille:	10 x M8, 2 x M10
Input Connectors:	Black polyurea coating, IP 54
Dimensions (W x H x D):	Powder coated, black perforated steel with acoustic cloth inside
Net Weight:	2 x Speakon NL 4
Optional Accessories:	1+1/- / 2+2/- to Sub
	320 mm x 650 mm x 355 mm
	25 kg
	Speakon protection cover
	PB 213 Bracket,
	VAB 213 Vertical array bar



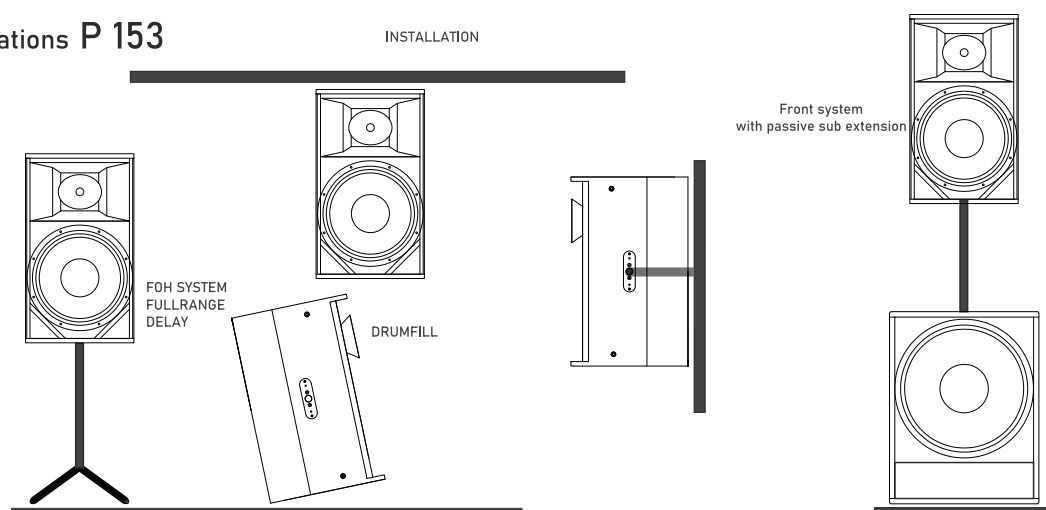
Applications P 82

INSTALLATION



Applications P 153

INSTALLATION



Applications P 213

INSTALLATION

