

MPS12

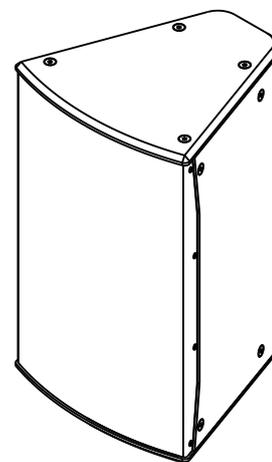
Presentation:

The MPS series is a speaker range of high efficiency, ultra-compact 2-way arrayable point source enclosures designed as to combine the versatility of a point source with the perfect "arrayability" of a line array.

The MPS12 consists of a trapezoidal enclosure housing a high excursion 12" reflex-loaded low frequency woofer that combines excellent linearity, good efficiency and high power handling. The HF section consists of one large format 1.4" neodymium compression driver mounted on a rotatable constant coverage composite horn which provides a 90° H by 60° V dispersion pattern to obtain a smooth frequency response maintaining constant coverage and directivity pattern.

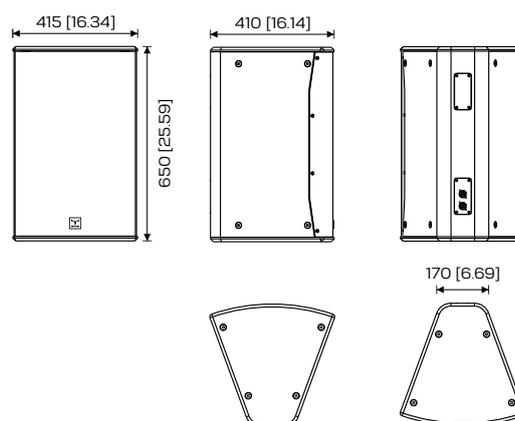
As a Modular Point Source, the MPS12 can be installed as a single element or as part of an array of up to four elements and unlike modular line arrays, the cabinets are designed to connect directly to one another, with splay angle between adjacent cabinets adjustable in 2 increments of 5° and a highly flexible and simple rigging system.

A comprehensive set of accessories is available for creating horizontal or vertical arrays. In sum, the MPS12 is a compact high performance system, the perfect choice for applications that need: higher acoustic levels (SPL), more headroom, wide covered area (but don't need to throw a long distance), more dispersion options becoming a nice compromise between the flexibility of a modular line array but with far simpler rigging and electronic optimization.



Features:

- Modular Point Source Element
- Ultra Compact, high-efficiency and elegant Trapezoidal enclosure
- 12" neodymium MF (3in VC) high excursion EU transducer
- 1.4" neodymium HF (2.56in VC) EU compression driver
- 2x NL4 parallel-connected
- User-rotatable CD horn 90°x60° for ideal dispersion
- M10 rigging points for vertical and horizontal installation
- Rugged and durable 15mm birch plywood
- Suited for FOH, Out-fill, In-fill, Worship spaces
- Expandable with subs for a powerful front PA



Dimensions in mm [in]

Technical specifications:

Acoustical

| | |
|-------------------------|--|
| Type | 2-Way Modular Point Source speaker |
| Enclosure design | Bass reflex, trapezoidal |
| Power rating (RMS/Peak) | 600W / 2400W |
| Frequency range | 52 - 19kHz (-10dB) |
| Nominal impedance | 8 ohm |
| Transducer type | 12" Neodymium MF (3in VC) EU transducer 1.4" Neodymium HF (2.56in VC) EU transducer |
| Dispersion | CD horn, 90°x60° and 60°x90° user-rotatable |
| Crossover frequency | Preset dependent, Bi-amp operation (user-selectable) |
| SPL (1W/1kHz) | 131dB @ 1m |
| Sensitivity | 95dB |
| Connector | 2x NL4 parallel-connected |

Mechanical

| | |
|------------|---|
| Enclosure | 15mm birch plywood, rugged polyurea coating |
| Grille | Custom perforated metal grilles w/ acoustic foam |
| Color | Black or white textured |
| Hardware | 8x M10 flying points, Horizontal flybar, FH-MPS12 Horizontal coupling bar, BH-MPS12 Vertical flybar, FV-MPS12 |
| Dimensions | 415x410x650mm 16.34x16.14x25.59in |
| Weight | 22Kg 48.50lb |

