

M12C Series

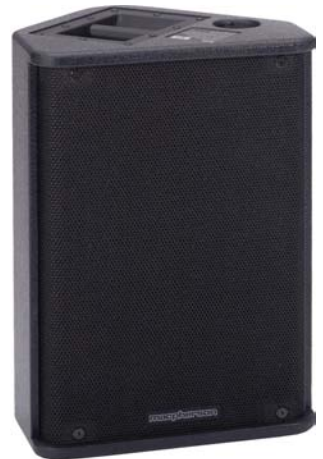


The M12C Series offers an excellent combination of performance and flexibility in a compact, two-way design. Built on the foundation of the popular M12B Series, the M12C Series makes improvements to both the sonic and physical characteristics. Utilizing an asymmetrical cabinet design, the loudspeakers are equally applicable to being used as a floor monitor or a main system. The M12C Series use a 1-inch compression driver for smooth, natural, high-frequency response and a high-power 12-inch driver for tight, low-frequency performance.

The M12C Series is available in two versions. The M12C is configured for bi-amplified operation, allowing the greatest control over the sonic performance. Internal filters on the HF section minimize the need for external processing. The M12CP incorporates an internal crossover to provide full-range operation using a single amplifier channel. The carefully designed crossover offers excellent clarity in the all-important voice range. In addition, the minimalist-design-approach circuitry allows increased SPL output with the same applied amplifier power. Whether sitting on a stage, stand-mounted, or flown in an array, both versions provide highly musical, high-SPL reproduction.

The compact, lightweight enclosure offers excellent ease-of-use for numerous applications. An integrated D-ring/stud fitting is provided for overhead suspension applications. A cast-aluminum pole cup allows rapid stand mounting. Dual NL4 connectors, one on each side of the cabinet, provide connection flexibility. All cabinet and hardware finishes were carefully selected to minimize interruption of audience sight lines. For long life, the cabinet is constructed using hardwood plywood and finished with a rugged epoxy coating. The sleek, rounded-edge grill is powder-coated for resistance to physical and environmental abuse.

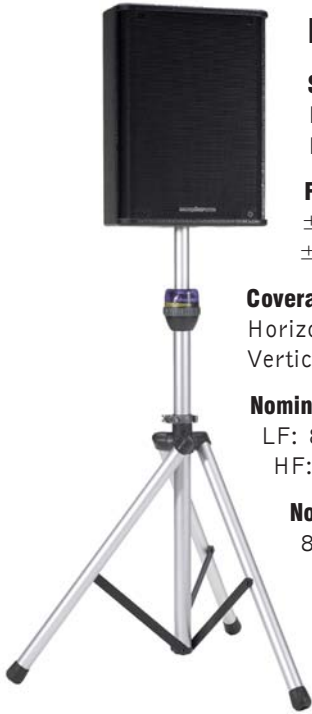
A number of options are available to complement the M12C Series. While a black epoxy finish is standard, custom colors can be specified. A road case just 30-inches square is available to transport four M12C or M12CP cabinets.



Features

- Smooth vocal range, tight, low-frequency performance
- Bi-amplified or full range versions available
- Asymmetrical design works as floor monitor or main system
- No processor required
- Small and lightweight for easy transport
- Integral pole cup and suspension point

M12C Series



M12C Series Specifications

Standard Configurations

M12C: Bi-amp
M12CP: Full range

Frequency Response

± 3 dB, 90 Hz to 14 kHz
 ± 5 dB, 65 Hz to 17 kHz

Coverage (between -6 dB points)

Horizontal: 85 degrees
Vertical: 55 degrees

Nominal Impedance (M12C)

LF: 8 ohms
HF: 8 ohms

Nominal Impedance (M12CP)

8 ohms

Sensitivity (M12C)

LF: 96 dB, one watt, one meter
HF: 103 dB, one watt, one meter

Sensitivity (M12CP)

96 dB, one watt, one meter

Maximum SPL

121 dB, broadband, one meter, one minute

Recommended Amplifier Power (M12C)

LF: 400 to 600 watts
HF: 100 to 200 watts
RMS into 8 ohms

Recommended Amplifier Power (M12CP)

400 to 600 watts RMS into 8 ohms

Recommended Crossover Point (M12C)

1.9 kHz, 24 dB per octave

Connectors

Two, Neutrik NL4

Pole Mounting

Cast-aluminum mounting cup, accepts 1.5-inch diameter pole

Suspension Point

Combination ring and stud; stud compatible with 12 jaw fitting

Enclosure

Hardwood plywood, textured black finish, powder-coated perforated steel grill with open-cell foam backing, flush-mounted steel handles

Dimensions (Floor Monitor Position)

13.7 inches high (34.7 cm)
20.9 inches wide (53.0 cm)
14.9 inches deep (37.8 cm)

Weight (M12C)

44.5 pounds (20.2 kg)

Weight (M12CP)

46.5 pounds (21.1 kg)

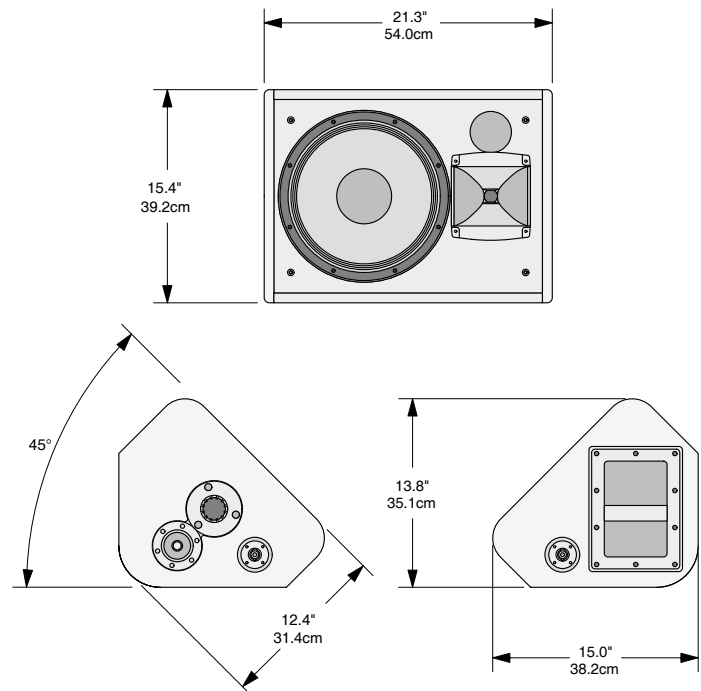
Options

Custom finishes, road cases

Warranty

Three years from date of original purchase

Contents subject to change without notice. Dimensions provided for general reference only.



macpherson