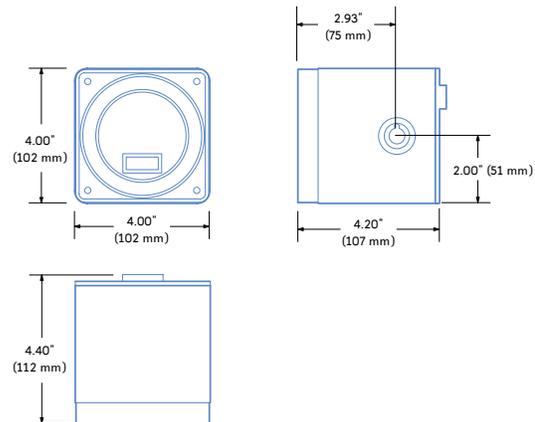




MM-4 : Miniature Wide-Range Loudspeaker



Dimensions	4.00" h x 4.00" w x 4.20" d excluding connector (102 mm x 102 mm x 107 mm)
Weight	3 lbs 14 oz (1.76 kg)
Enclosure	Extruded aluminum
Finish	Black anodized; custom color available
Protective Grille	Perforated metal screen
Mounting	Two 3/8"-16 threaded side inserts; see below for a description of mounting accessories

The MM-4 loudspeaker is a very compact, wide-range loudspeaker for high quality distributed system applications. Unlike conventional low power 70-volt transformer based systems, the MM-4 connects directly to the amplifier and is capable of producing high sound pressure levels while dramatically reducing distortion and easing installation requirements.

The MM-4 comprises a single 4-inch cone driver with a 16-ohm voice coil mounted in a sealed enclosure. The MM-4 draws 150 watts peak from the line, and produces 112.5 dB peak SPL. Typically, with four MM-4s connected in parallel on the line, the system requires a direct drive power amplifier capable of 600 watts continuous output (49 volts rms) into 4 ohms.

The MM-4CEU is specifically designed and required for use in an MM-4 loudspeaker

system. This two-channel, single rack space unit provides frequency and phase response correction circuitry tailored to the MM-4 loudspeaker. In conjunction with professional grade amplifiers, the MM-4CEU must be used to protect your MM-4 loudspeakers against damaging overload conditions, while ensuring that they meet their published specifications. Through a SpeakerSense™ connection to the power amplifier output, the MM-4 CEU continuously monitors the power applied to the drivers, activating integral peak and RMS limiters to protect against over-excursion and overheating, respectively.

The required MM-4CEU incorporates Meyer Sound's MultiSense™ circuit to drive several amplifiers, monitor two amplifier channels and activate its protection circuits based on the system branch with the highest signal level. MultiSense allows the levels of individual zones

to be adjusted using the power amplifier's attenuators. Typically, each channel of the MM-4CEU can drive 12 or more amplifier channels depending on the input impedance of the amplifier.

The MM-4 enclosure's black anodized extruded aluminum acts as a sink to dissipate heat from the driver voice coil. It can be ordered custom-painted to match décor, and is fitted with a perforated steel grille.

Two connector versions are available: the sealed EN3 connector for outdoor installations, and a Phoenix-style keyed connector for use indoors. A MUB-MM4 U-bracket is available for mounting that affixes to the cabinet with two 3/8"-16 screws and is drilled to fit an OmniMount® bracket. An optional MMFA-MM4 flush mount assembly is available for ceiling or wall mount applications.

FEATURES & BENEFITS

- Extremely compact enclosure
- Wide-range frequency response
- Ultra-low distortion
- Transformerless, wide-bandwidth signal distribution
- Amazing SPL/size ratio

- Color matching available
- Low distortion maximizes intelligibility
- Effortlessly reproduces music as well as speech
- Flexible mounting options ease installation
- Weather-resistant version available for outdoor installations

APPLICATIONS

- Space-sensitive fill for theatres
- Easily concealed for on-stage effects
- High-quality distributed systems, paging and music
- Background music systems in restaurants and clubs
- Exhibit audio for museum displays
- High-quality corporate boardroom installations

