

tel: 01483 797242 fax: 01483 797256
email:chappie@soundbydesign.net



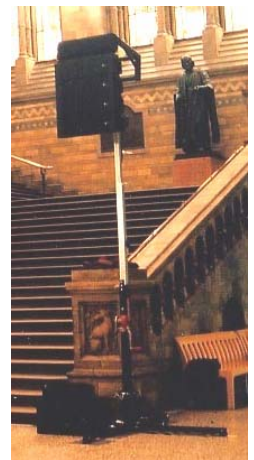
meyer

M1D Full Range Curvilinear Array Cabinet

The M1D Ultra-Compact Curvilinear Array loudspeaker system brings numerous advantages in sound reinforcement to the smaller venue. The M1D is designed specifically for implementing vertical curvilinear arrays of up to 16 cabinets having 0° to 8° splay between adjacent units.. An M1D array can be hung from just about anything (or ground stacked, if you prefer). If hanging points are not available we can supply wind-up stands and custom-built frames to act as flown trusses (shown right). If your fit-up time is very tight, our systems can come pre-built in arrays of four cabinets, pre-wired and with all flying hardware attached. As all processing and amplification is done within each cabinet, all you need to do is give each array one feed of mains and signal. The M1D is designed to blend seamlessly with the M1D Sub, but if you require more bass, then it is equally at home with many other Meyer subwoofers which we carry in stock..



Housed in a compact, vented trapezoidal enclosure, the M1D comprises two 5-inch drivers for low-mid frequencies, and three 1-inch high-frequency dome tweeters coupled to a constant-directivity horn. Its operating frequency range is 60 Hz to 18 kHz, with maximum peak output of 125 dB SPL (each cabinet) at 1 meter and coverage of 100° horizontal (vertical coverage depends upon the array length and curvature). At the lowest frequencies, both 5-inch drivers combine to reproduce powerful, coherent bass. In the mid frequencies, the crossover feeds only one of the two drivers. This ingenious technique eliminates interference between the drivers that would otherwise occur at shorter wavelengths, and maintains optimal polar and frequency response characteristics.



A dual-channel complementary MOSFET power amplifier, built into the cabinet together with optimized frequency and phase response correction and driver protection circuitry, powers the M1D and the M1D Sub. Automatic voltage selection accommodates worldwide AC power requirements. Integral peak and RMS limiters, featuring Meyer Sound's TruPower Limiting technology, protect the loudspeaker components from over-excursion and over-heating while assuring maximum peak headroom with minimum power compression.

HIRE RATE: £25 PER DAY

M1D Sub Bass Curvilinear Array Cabinet

The dual 10-inch M1D-Sub Ultra-Compact subwoofer is designed specifically to work with the M1D and extends overall system power bandwidth and frequency response down to 35 Hz. The M1D-Sub produces 130 dB peak SPL at 1 meter from an extraordinarily small and light package, and employs a ferrofluid cooled, back-vented driver that features a 2-inch voice coil with neodymium magnet and is rated to handle 400 AES Watts.



As on the M1D, the M1D-Sub features Meyer Sound's QuickFly rigging system with rugged, reliable and deceptively simple components that remain captive, in use and in transit. QuickFly rigging facilitates constructing rigid, ground-stacked or flown M1D-Sub arrays, and eases integration of M1D-Subs with M1D's in unitary, full-range curvilinear arrays.



HIRE RATE: £27 PER DAY

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