

MAUI[®] i1 SERIES

COLUMN INSTALLATION SPEAKERS



reddot winner 2021



MAUI® i1 (W)

PASSIVE COLUMN LOUDSPEAKER FOR IN- AND OUTDOOR INSTALLATION

For acoustically challenging interiors where music and speech must be clearly understood, even in the rearmost rows, there is one solution - MAUI® i1.

This feature is achieved with nine 3" mid-range drivers, two 1" neodymium high-frequency drivers and a specially developed BEM-optimized Waveguide. This combination avoids unnecessary reflections on the floor and on ceilings by keeping the vertical dispersion as narrow as possible and the horizontal one as wide as possible.

Installers can easily integrate the MAUI® i1 in any constant-voltage audio system. This is made possible with an 8 Ohm / 70 V / 100 V selector switch. In addition, you can tap the power down to 60 W, 30 W, 15 W and 7.5 W depending on how many speakers you need to run in parallel and for a more efficient performance. At 8 Ohms, you can benefit from the best frequency response and highest 120 W RMS power rating.

For outdoor use, MAUI® i1 features weather treated cones, an aluminum loudspeaker grille and a weatherproof cover for the connection panel. That way, no water can enter the panel and your loudspeaker stays rust free.

Surface installation is easy with the included U-bracket and with its black or white color selection, the loudspeaker blends unobtrusively and discreetly into almost any location.

The multiple award-winning MAUI® series has been expanded with the completely revised i1 and adapted to the special requirements of indoor and outdoor installations. All of this definitely makes MAUI® i1 the right choice for your demanding fixed installations.

SPECIFICATIONS:

| | |
|------------------------------|--|
| Art. No.: | LDMAUIi1 / LDMAUIi1W |
| Type: | Passive PA loudspeaker |
| Low/mid driver dimensions: | 9 x 3" |
| Woofer size: | 76.2mm |
| Woofer: | Custom-made ferrit |
| Horn: | BEM optimized CD Horn |
| HF driver dimensions: | 2 x 1" |
| HF Driver: | Custom-made neodymium |
| HF driver voice coil: | 1" |
| Dispersion (H x V): | 120° x 30° (-6 dB) |
| Low impedance RMS power: | 120 W |
| Low Impedance Peak power: | 480 W (>200 Hz) |
| Nominal Impedance: | 8 Ohms |
| Input selector switch: | 70 V - 100V - 8 Ohms (transformer bypass) |
| 100V Transformer power taps: | 60 - 30 - 15 - 7.5 W |
| 70V Transformer power taps: | 60 - 30 - 15 - 7.5 W |
| Frequency response: | 130 - 19000 Hz (-10dB) |
| Crossover frequency: | 2500 Hz |
| SPL (1W/1m): | 94 dB |
| Max. SPL: | 116 dB |
| Cabinet material: | Aluminum |
| IP rating: | 65 |
| Dimensions (WxHxD): | 85 x 985 x 105 mm |
| Weight: | 8.6 kg |
| Included accessories: | U-Bracket for surface mount |
| Optional Accessories: | Bracket for tilt installation applications |