# MACH M152I



## KEY FEATURES

- Dual 15" woofers in 3rd order Bandpass design
- 19 mm MDF cabinet
- Polyurethane coated cabinet
- Recessed Speakon terminal with link option
- Engraved logo

## DESCRIPTION

The M152i is a very compact and powerful subwoofer matching the M125i, M127i and M154i of the Mach Installation Series. The use of two 15" woofers in a symmetrical, acoustically balanced 3rd order Bandpass loading ensures extraordinarily high efficiency combined with a smooth frequency response from 130 Hz down to 49Hz (+/- 3 dB).

The 15" woofers features a 4" voice coil and a double spider which ensures a perfect pistonic movement at maximum SPL. The woofers are built around a solid die-cast chassis.
Compared to traditional reflex designs, the Bandpass design of the M152i adds 3 dB to the output of the box and makes the design more compact, making the M152i the perfect choise for fixed installations in venues with limited space.

The cabinet is made of 19 mm MDF combining ruggedness with stylish, compact design. It is coated with the Mach SafeCoat, a scratch resistant and weather proof polyurethane coating. The recessed NL4 Speakon terminals are linked.

## SPECIFICATIONS

| | |
|---|---|
| Woofer | 2x15" with 4" voice coil |
| Nominal impedance | 4 ohm |
| Power rating AES: | 800 watt |
| Power rating peak: | 3200 watt |
| Sensitivity 1w/1m: | 102 dB |
| Maximum SPL, calculated: | 131 dB |
| Maximum SPL, peak: | 137 dB |
| Frequency range +/-3dB: | 50 Hz - 130 Hz |
| Recommended amplifier: | 1600 watt into 4 ohm |

**Weight & Measurements:**

| | |
|---|---|
| Dimensions (HxWxD): | 92x46x62 cm (36x18x24 in) |
| Net weight: | 70 kg / 154 lbs |
| Finish: | Black SafeCoat coating |
| Grille: | 2 mm steel with foam backing |
| Input connectors: | 2 x Speakon® NL 4 |

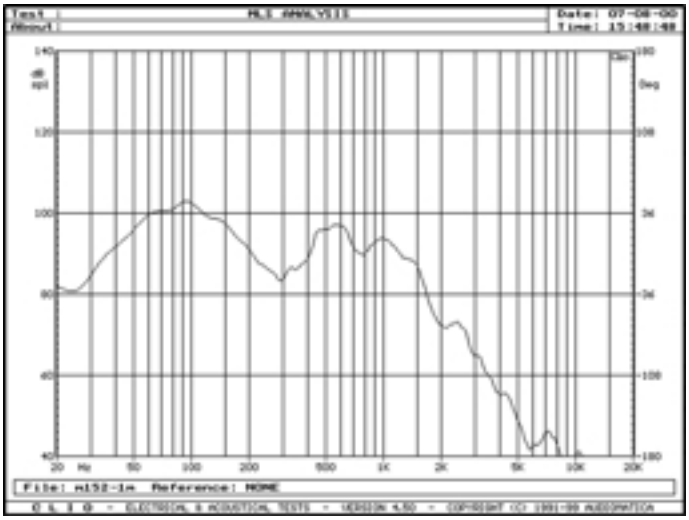
## ARCHITECTURAL SPECIFICATIONS

The loudspeaker system shall be a third-order bandpass tuned subwoofer system with an AES power handling of 800 watt and a frequency response from 50-130Hz. The loudspeaker system shall have a sensitivity of 102 dB and a maximum output of 131 dB. The loudspeaker system shall have two 15" woofers each with a 4" voice coil. The woofers shall have an 8-ohm load. The enclosure shall be constructed of 19mm Medium Density Fiber, protected with the SafeCoat surface and have dual recessed Speakon NL4 connectors. It shall be 92cm(36in) high, 46cm(18in) wide and 62cm(24in) deep with a weight of 70kg(154lbs). The loudspeaker system shall be the Mach M152i.

**NOTE:** Mach is continually working in reseach and production improvements, which can be introduced into existing products without notice. The products will always equal or exceed the original design specifications unless otherwise stated.

# MACH M152I

## FREQUENCY RESPONSE



## IMPEDANCE RESPONSE

