

MACH Ci4-100V



KEY FEATURES

- Natural clear sound
- One 4" mid-woofer and 3/4" soft dome tweeter
- A two-way speaker designed with a conical horn
- Flexible positioning
- Easy to install with a minimum of tools required for mounting and adjusting
- High durability with weather resistant housing and transducers
- Up to 4 individual power settings in 100V mode, and the possibility of 8 ohm operation

DESCRIPTION

The CI4 in-fill speaker provides excellent hi-fi performance with clear speech intelligibility in an attractive design. The CI4 has been acoustically optimized for pleasant clarity and openness. The special mounting system reduces installation time while providing ultimate flexibility. The CI4 is ideal for applications in commercial venues such as cafés, clubs, department stores, conference rooms and hotels that require high fidelity in-fill sound. With up to 4 individual power settings in 100V mode, and the possibility of 8 ohm operation the CI4 are extremely flexible. The cabinet houses a 4" mid-woofer and a 3/4" soft dome tweeter. The models in the CI-series are supplied with all necessary brackets and are very easy to install.

SPECIFICATIONS

Power rating IEC268:	50 watt in 8 ohm operation
Power rating peak:	200 watt in 8 ohm operation
Sensitivity 1w/1m:	87 dB
Max SPL, calc. long term:	104 dB
Max SPL, peak:	110 dB
Frequency range +/-3dB:	120 Hz-20 kHz
Frequency range +/-10dB:	80 Hz-20kHz
Dispersion angle:	90 degrees
Recommended amplifier:	70 watt in 8 ohm operation 100V output power adjustment: 2W, 4W, 8W, 16W
Woofer:	4"
Tweeter:	3/4"

Weight & Measurements:

Dimensions (HxWxD):	20.7x15x12 cm (8.15x5.9x4.72 inches)
Net weight:	2.15 kg (4.71 lbs)
Finish:	ABS
Grille:	Aluminum with foam backing
Input connectors:	Spring terminals
Flying system:	TF bracket, Aux mounting bracket

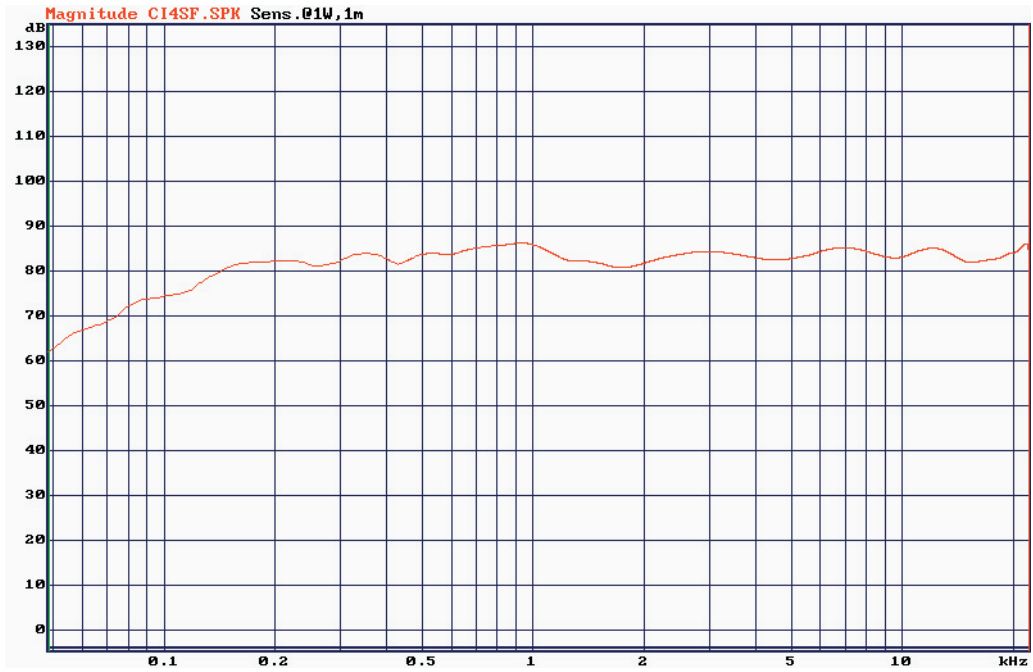
ARCHITECTURAL SPECIFICATIONS

The loudspeaker system shall be a two-way reflex loaded top-box with an IEC268 power handling of 50 watt. The loudspeaker shall have a sensitivity of 87 dB and a maximum output of 110 dB. The loudspeaker system shall also have a 4" low/mid driver and a 3/4" soft dome tweeter. The speaker shall be constructed of ABS, and be trapezoidal in shape with a 15 degree angle and shall be 20.7(8.15in) high, 15 cm(5.91in) wide and 12 cm (4.72in) deep with a weight of 2.15 kg (4.7 lbs). The loudspeaker system shall be the Mach CI4.

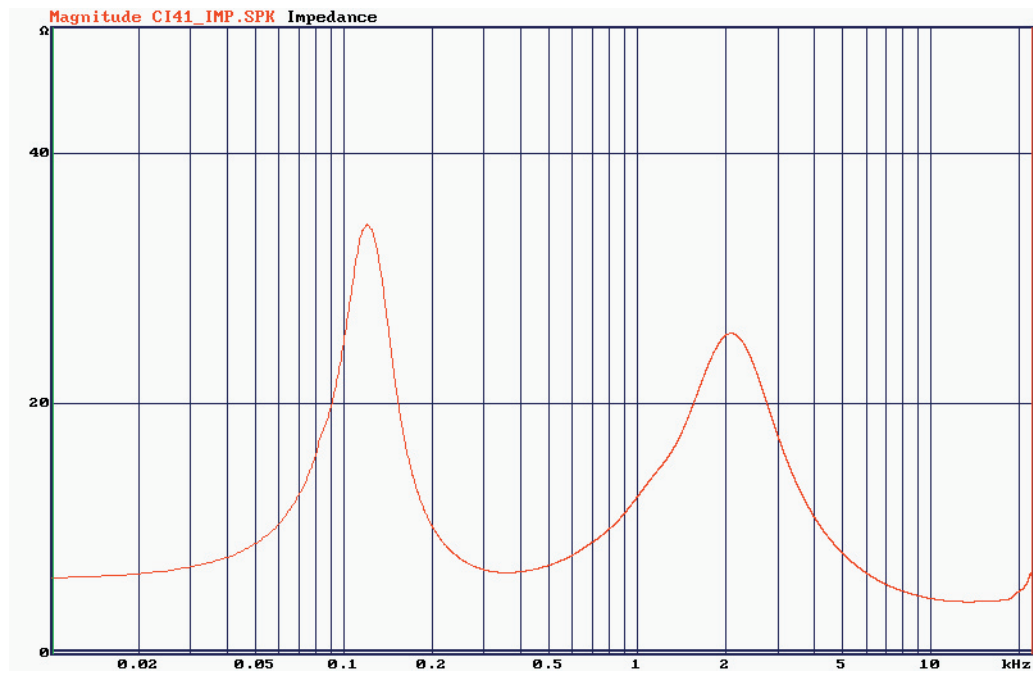
NOTE: Mach is continually working on research and production improvements, which can be introduced into existing products without notice. The products will always equal or exceed the original design specifications unless otherwise stated.

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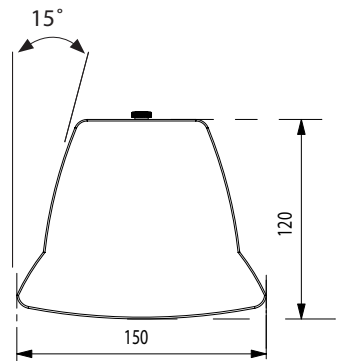
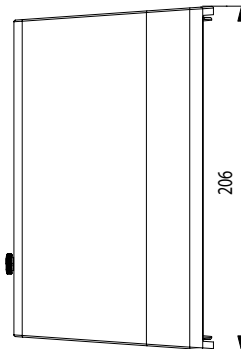
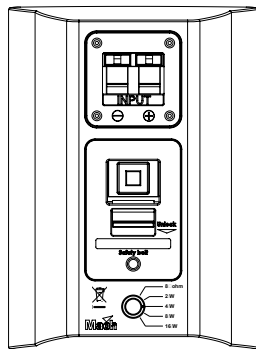
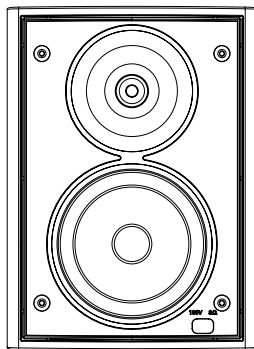
Frequency Response



Impedance Response

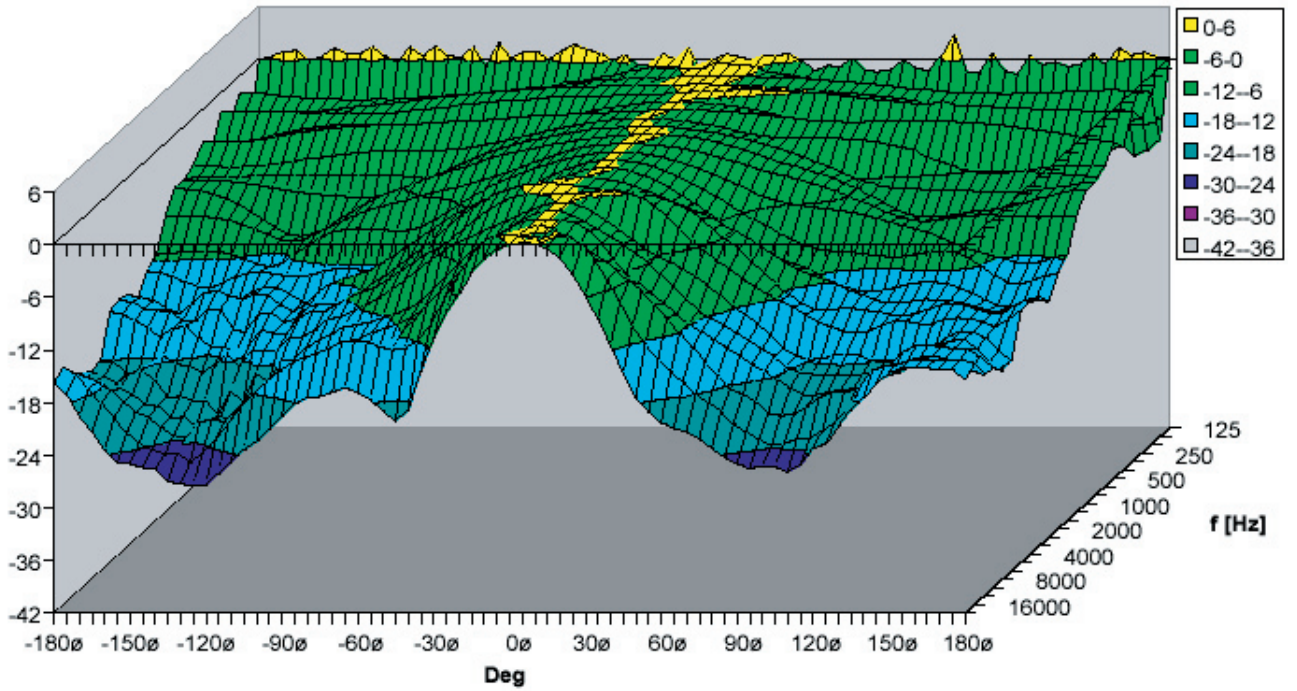


Size and Shape



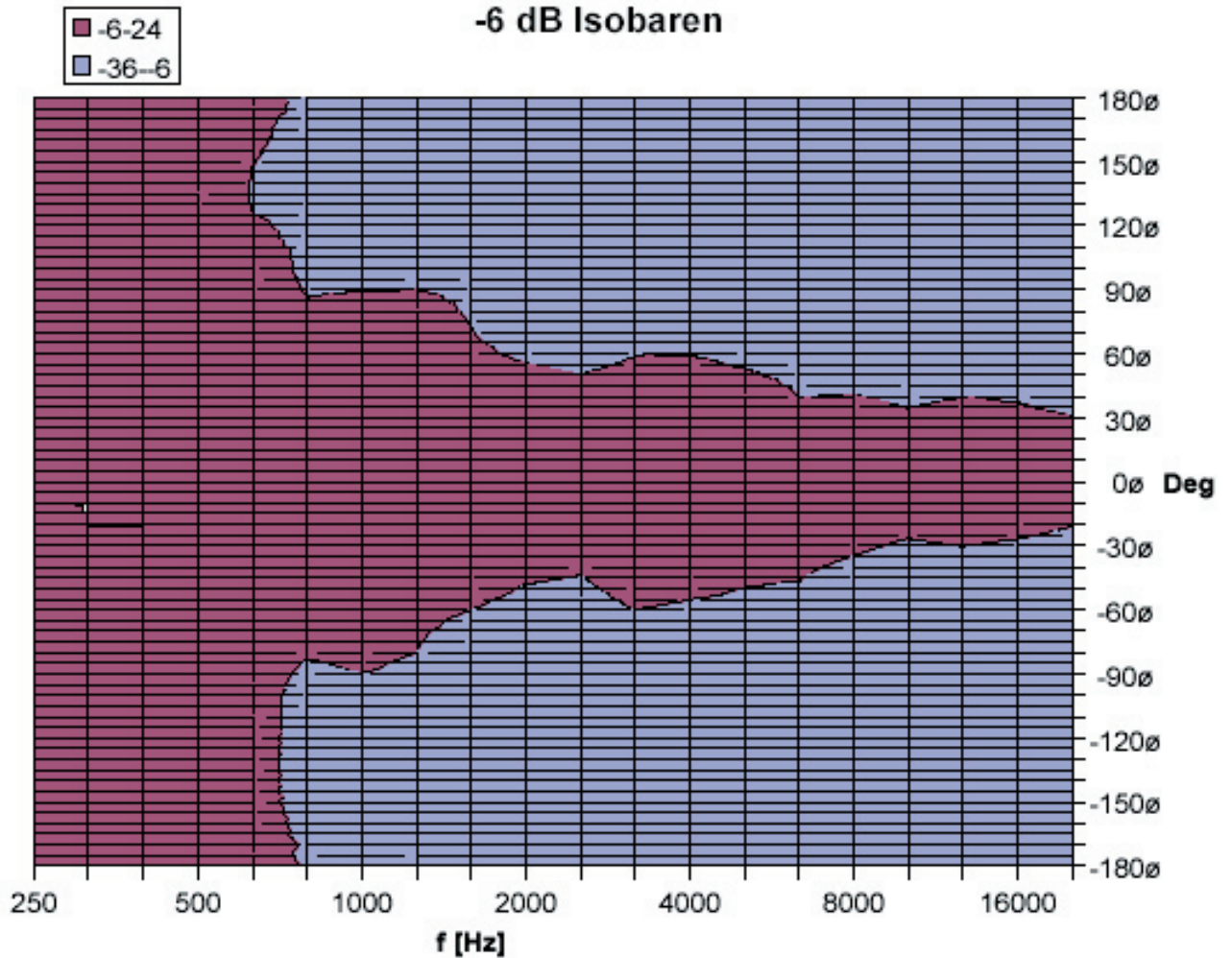
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3D Directivity Plot



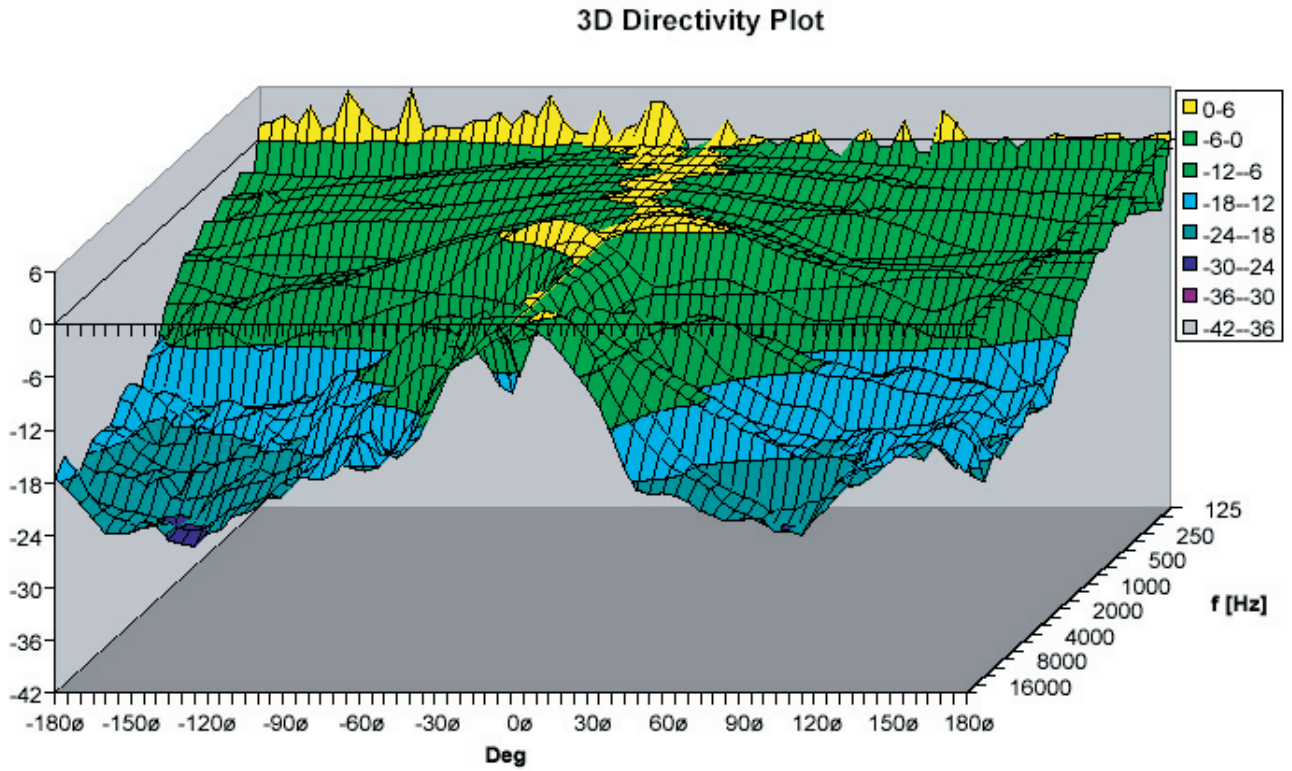
-6 dB Isobar Horizontal

-6 dB Isobaren



MACH Ci4-100V

3D Directivity Plot Vertical



-6 dB Isobar Vertical

