

# MACH Ci6-100V



## KEY FEATURES

- Natural clear sound
- One 6" mid-woofer and a 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 CI6 in-fill speaker provides excellent hi-fi performance with clear speech intelligibility in an attractive design. The CI6 has been acoustically optimized for pleasant clarity and openness. The special mounting system reduces installation time while providing ultimate flexibility. The CI6 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 CI6 are extremely flexible. The cabinet houses a 6" 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:	65 watt in 8 ohm operation
Power rating peak:	260 watt in 8 ohm operation
Sensitivity 1w/1m:	89 dB
Max SPL, calc. long term:	107 dB
Max SPL, peak:	113 dB
Frequency range +/-3dB:	90 Hz-20 kHz
Frequency range +/-10dB:	70 Hz-20 kHz
Dispersion angle:	90 degrees
Recommended amplifier:	100 watt in 8 ohm operation 100V output power adjustment: 3W, 6W, 12W, 24W
Woofer:	6.5"
Tweeter:	3/4"

### Weight & Measurements:

Dimensions (HxWxD):	27.5x20x16 cm (10.83x7.83x6.30 inches)
Net weight:	3 kg (6.6 lbs)
Finish:	ABS
Grille:	Aluminum with foam backing
Input connectors:	Spring terminals
Flying system:	TF bracket, Aux mounting bracket

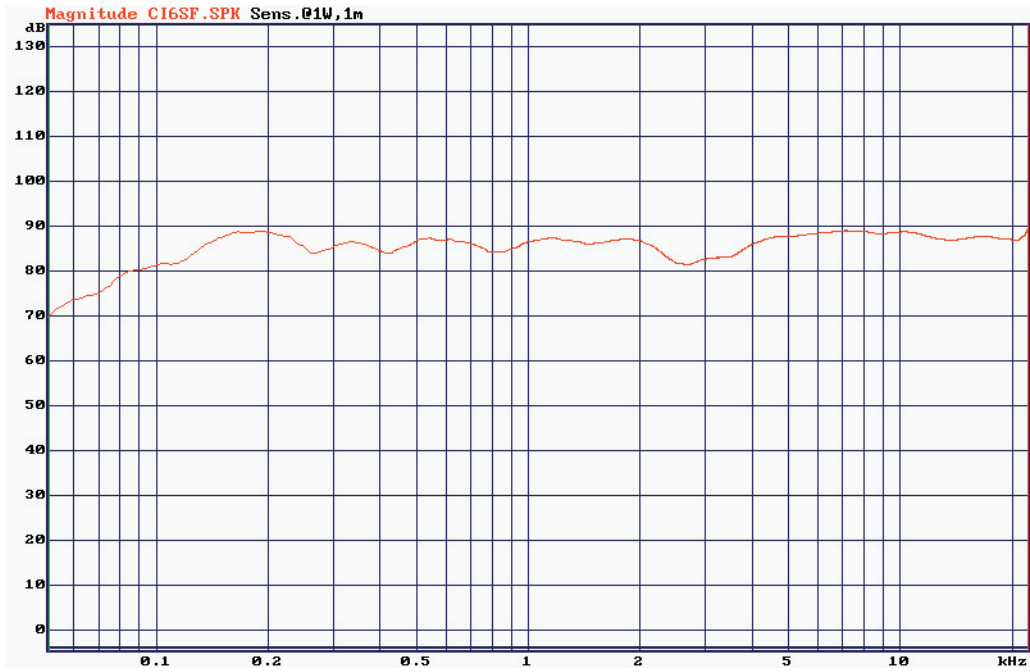
## ARCHITECTURAL SPECIFICATIONS

The loudspeaker system shall be a two-way reflex loaded top-box with an IEC268 power handling of 65 watt. The loudspeaker system shall have a sensitivity of 89 dB and a maximum output of 113 dB. The loudspeaker shall also have a 6.5" low/mid driver and a 3/4" soft dome tweeter. The speaker shall be constructed of ABS, be trapezoidal in shape with a 15 degree angle and shall be 27.5cm (10.83in), 20 cm (7.83in) wide and 16 cm (6.30in) deep with a weight of 3 kg (6.6 lbs). The loudspeaker system shall be the Mach CI6.

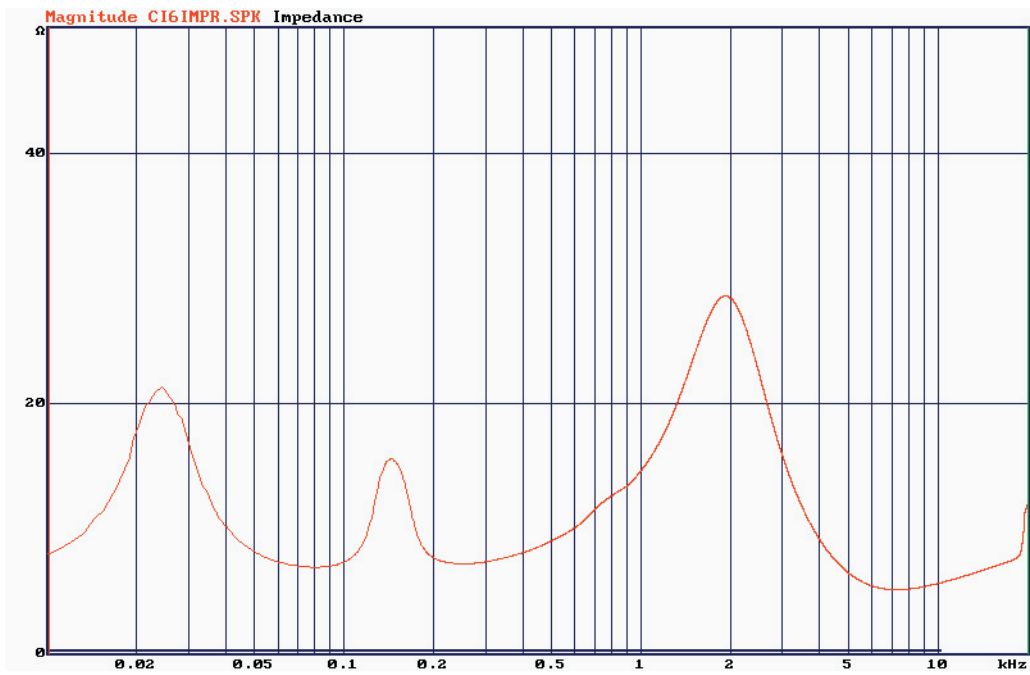
**NOTE:** Mach is continually working on research and production improvements, which can be introduced into existing products without notice. The products will always equal or exceed the original design specifications unless otherwise stated.

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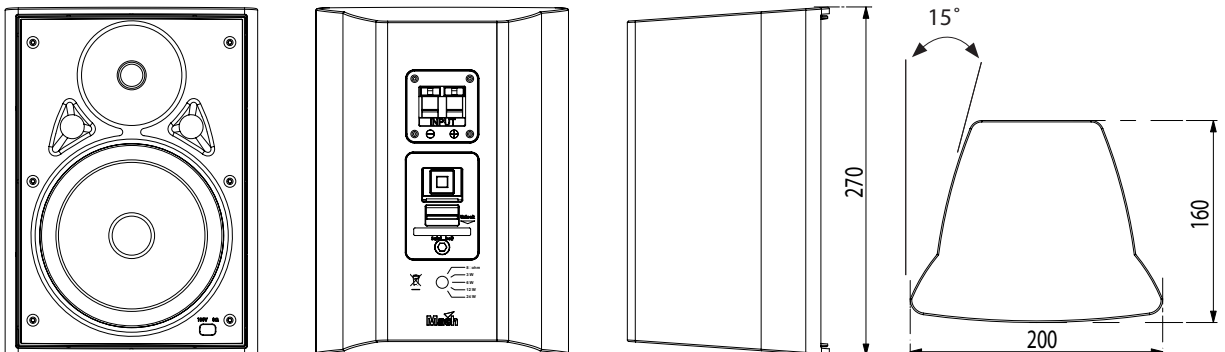
## Frequency Response

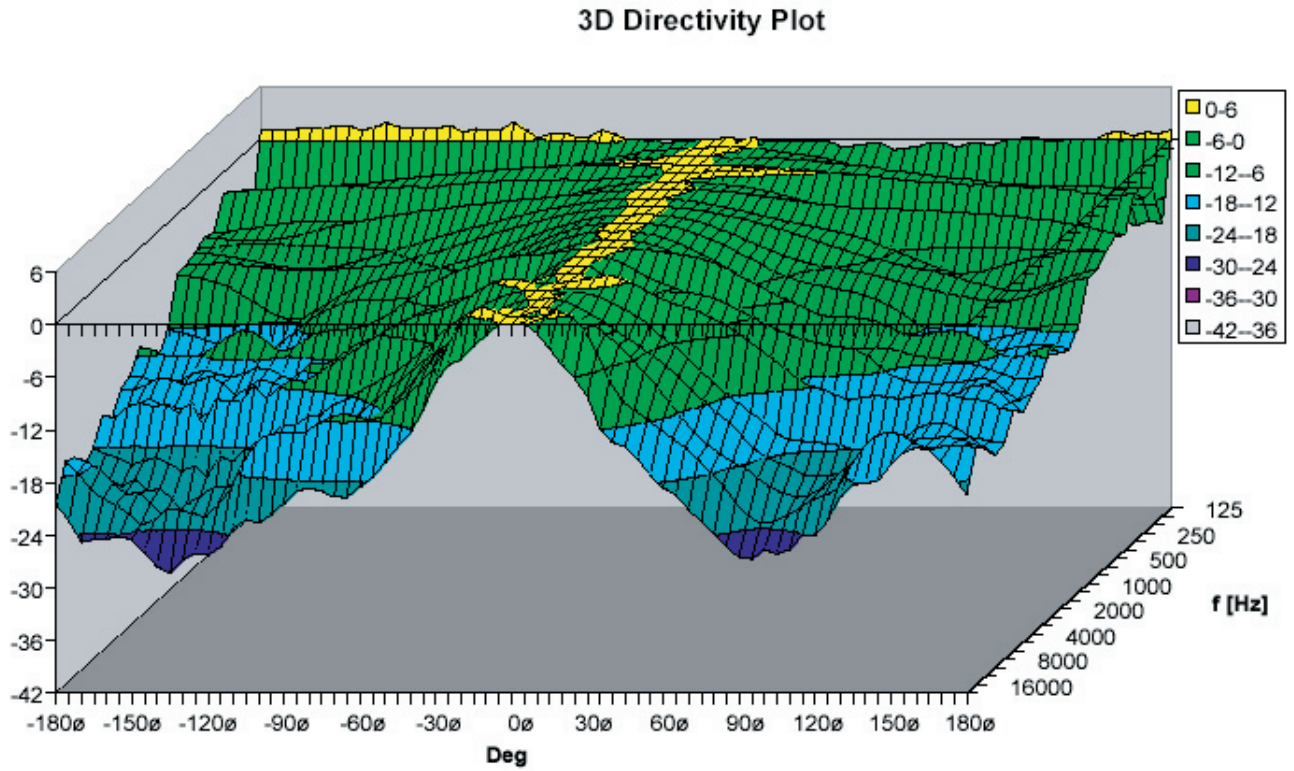


## Impedance Response

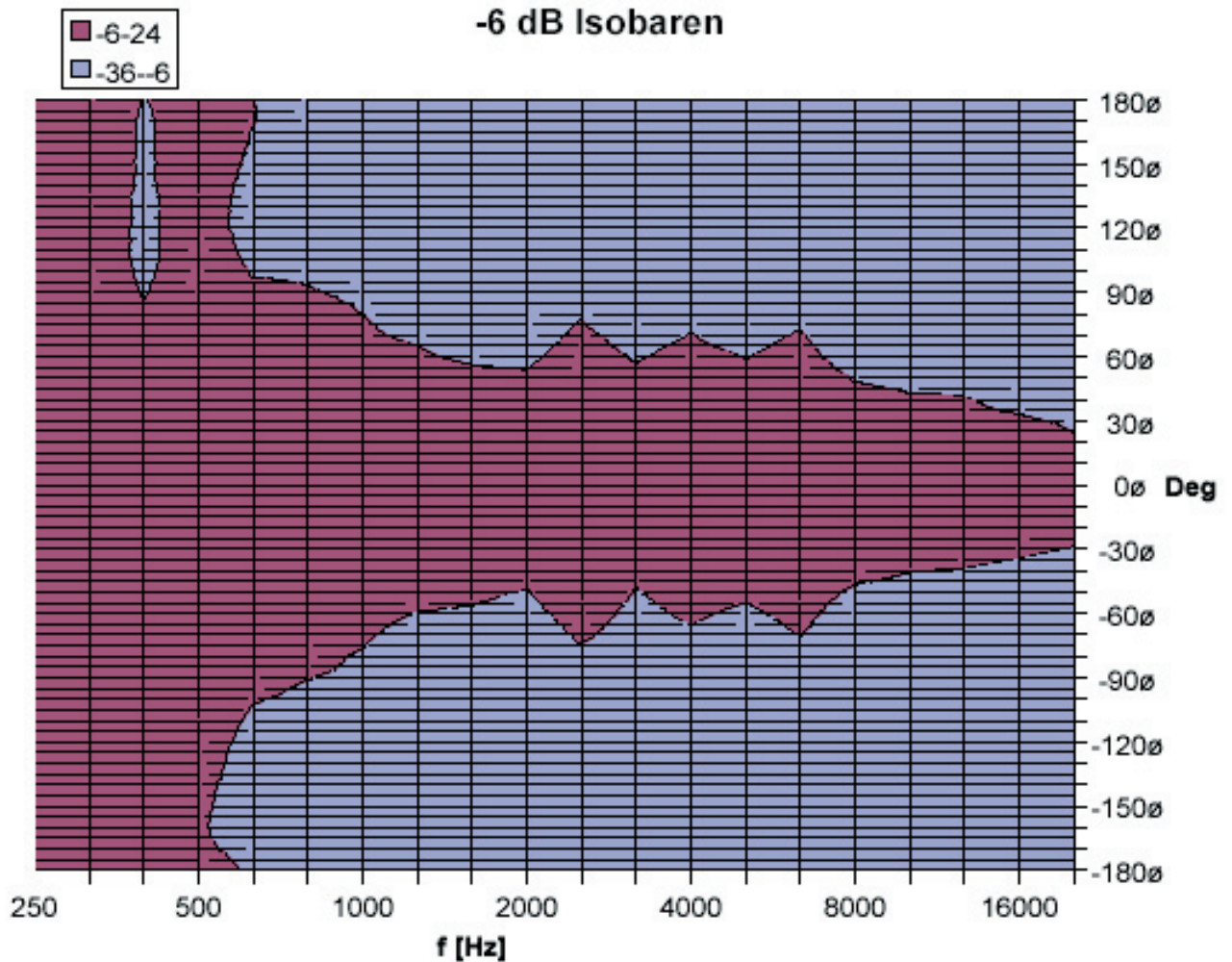


## Size and Shape



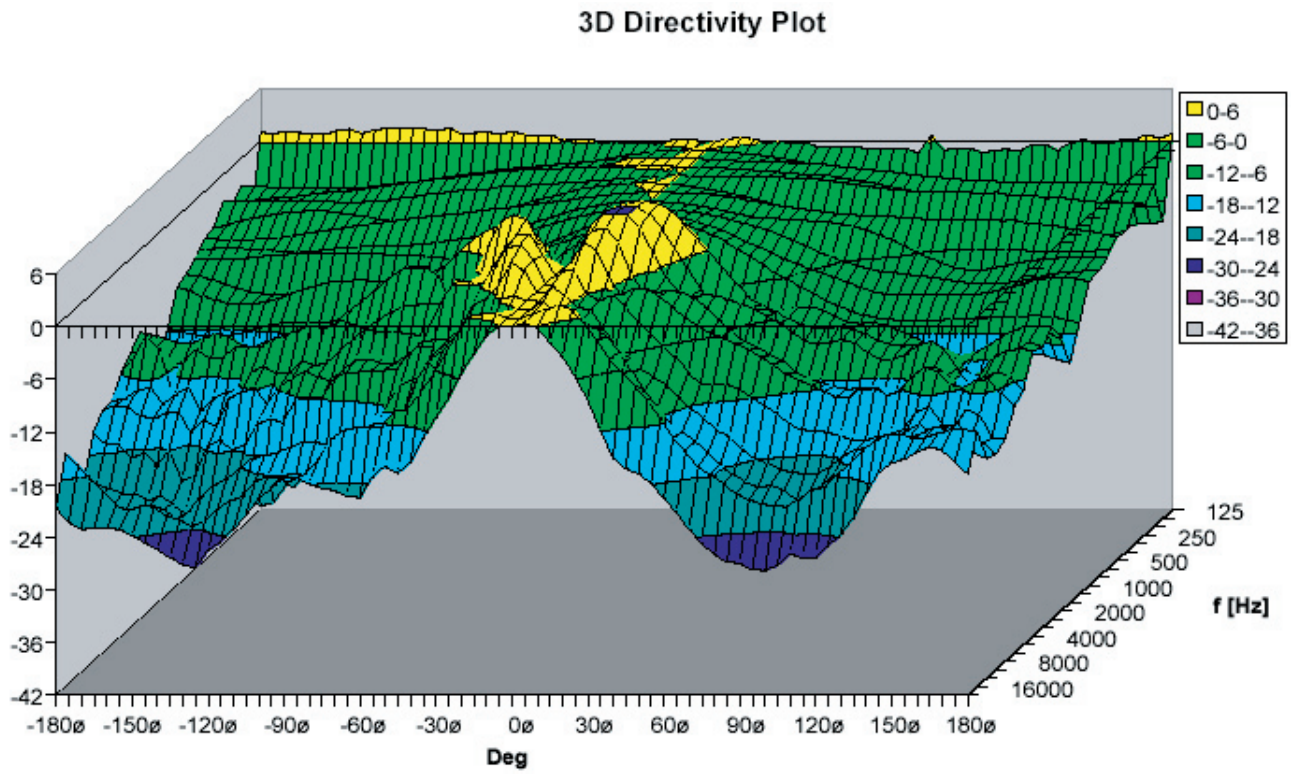


-6 dB Isobar Horizontal



# MACH Ci6-100V

3D Directivity Plot Vertical



-6 dB Isobar Vertical

