

CM3T CEILING MOUNT LOUDSPEAKER

The CM3T is a stylish, small, built-in 70 V/100 V loudspeaker. Thanks to its halogen-spot size, it can be integrated into any interior style. It is ideal for speech and background music in quiet areas, bathrooms, etc.

The speaker has a full metal frame and a coated dual paper cone for the lowest distortion and increased resistance against moisture. The CM3T is easy to install thanks to its simple, quick mounting system (2 spring clamps).

Safety Instructions

- Keep this manual for future reference.
- When cutting the mounting hole for the speaker, make sure there is sufficient clearance behind the panel (no obstructions like A/C channels, power lines etc).
- Take care of your speaker wires, they should be free of damage. Damaged speaker wires might result in poor sound quality and can damage amplifiers.
- Only use accessories specified by the manufacturer.
- Make sure the mounting panel can support the speakers weight.
- Use sufficient amount of speakers to avoid dead spots.
- Connecting mains power to the loudspeaker will cause serious damage.
- This apparatus should only be serviced by qualified personnel. If not, warranty might be void.
- Use cable of the right gauge, especially for long runs.
- Use cables with clear color indication and maintain polarity throughout the whole system.
- Avoid loud feedback from microphones. This can damage your speaker.
- Please check the units condition after unpacking. If the outside of the carton box has been damaged, inform your shipper immediately.

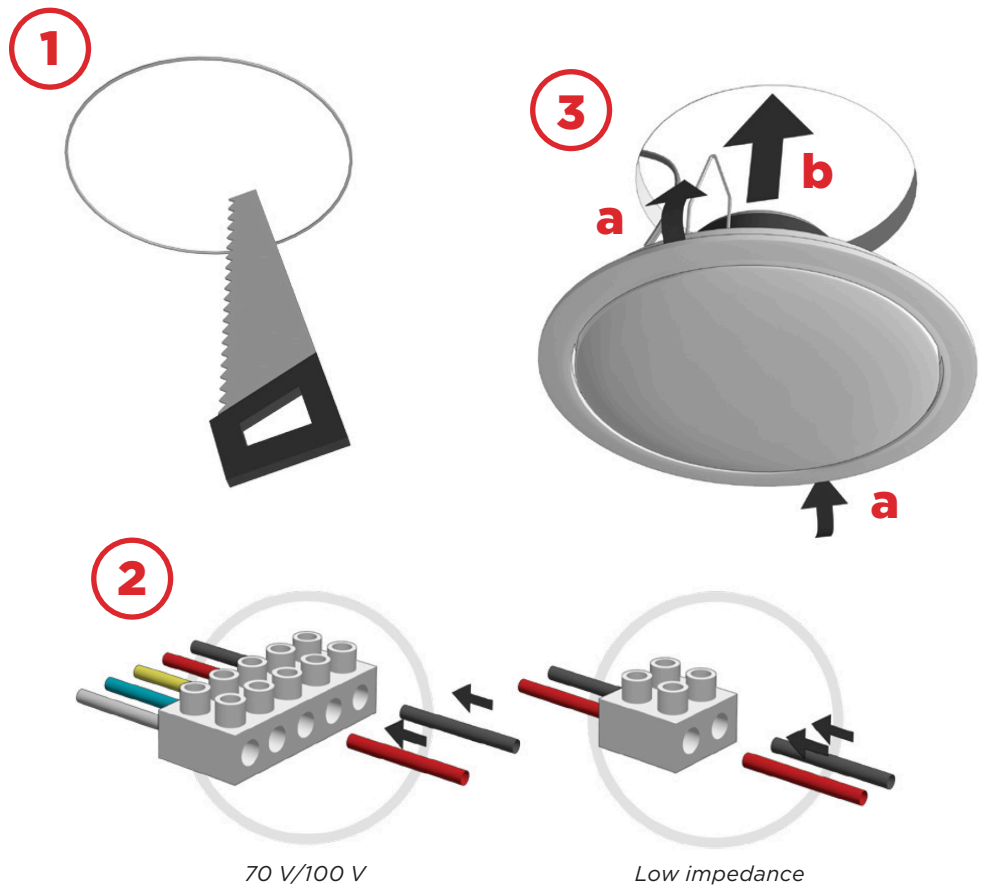


INSTALLATION

The loudspeaker is easy to install, due to its simple mounting system.

1. Cut out the mounting hole with diameter = 85 mm. When making the hole in your mounting panel, double check to ensure there are no cables or any other obstructions behind the mounting panel. Cutting the mounting panel without this check might result in damaged infrastructure or power lines. Please make sure that the mounting structure is capable of safely supporting the speaker's weight.
2. Connect the speaker wires.
3. Insert the speaker in the pre-cut speaker opening: (a) pull the 2 spring clamps backwards and (b) carefully slide the speaker in place until it sits firmly.

NOTE: for use in low impedance systems, always disconnect the 70 V/100 V transformer and connect the low impedance speaker wires directly at the speaker.



TECHNICAL SPECIFICATIONS

Outside diameter	105 mm
Depth	74 mm
Cutout	85 mm
Loudspeaker system	Dual cone
Woofer size	3 inch
Woofer cone material	Paper
Mounting system	2 springs
70 V power taps	3 W - 1.5 W - 0.75 W
100 V power taps	6 W - 3 W - 1.5 W
Impedance	16 Ω
Low impedance continuous power	10 W

SPL 1 W@1 m	87 dB
Max SPL@1 m	99 dB
Frequency response	120 Hz - 18 kHz
Main construction material	Steel
Grille main material	Aluminium
IP rating	50
Applicable low impedance	Yes
Applicable in 70 V/100 V	Yes
Dispersion angle 1000 Hz	180°

