

CM6E CEILING MOUNT LOUDSPEAKER

The CM6E is a dual cone 70 V/100 V, 8-ohm in-ceiling loudspeaker. The loudspeaker has a 6.5" dual cone woofer and a high quality 70 V/100 V speaker line transformer with multiple power taps.

CM6E is the perfect choice for the distribution of microphone calls and background music. The mounting frame is made of high quality ABS. CM6E is available in black and white.



Safety Instructions

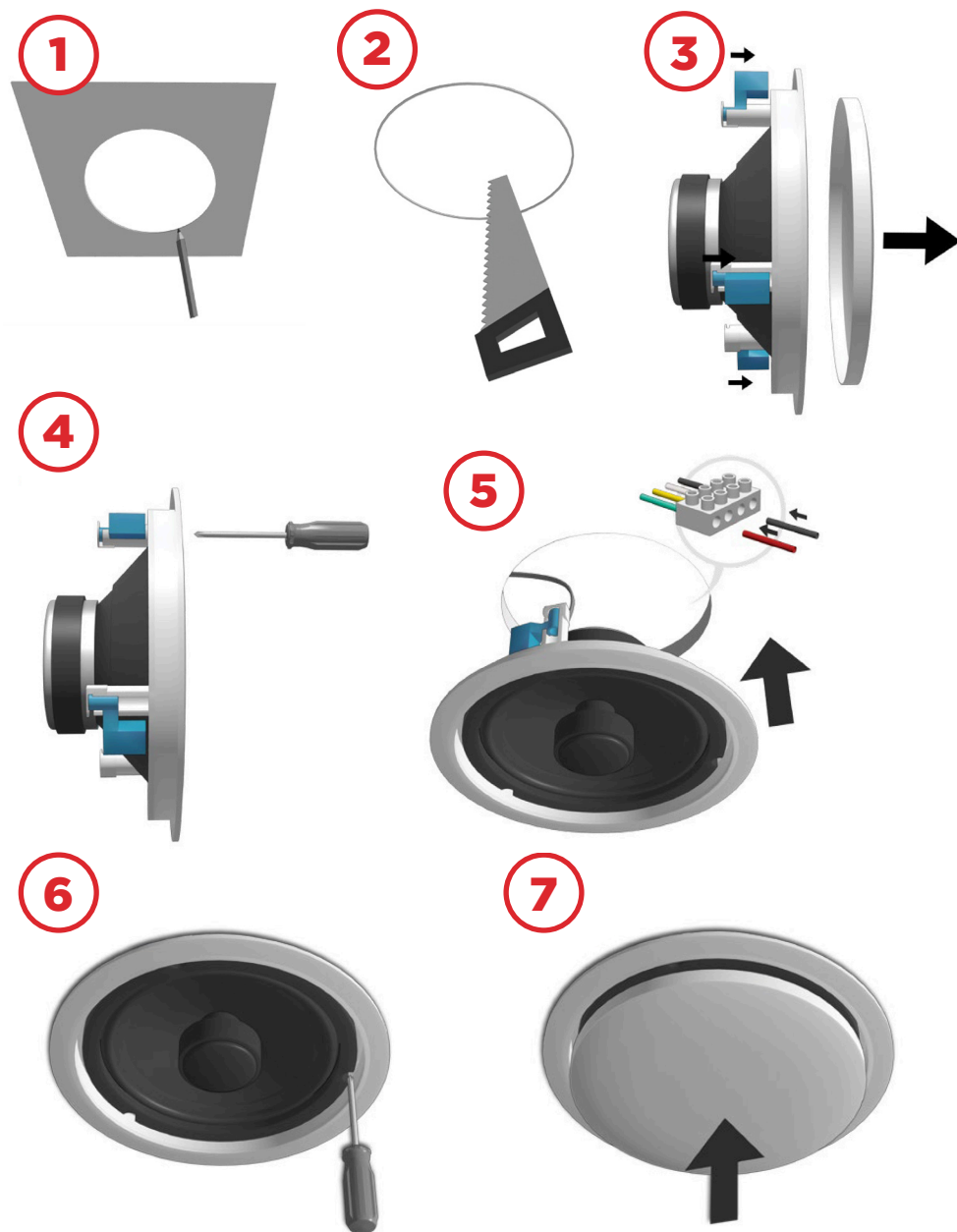
- Keep this manual for future reference.
- When cutting the mounting hole for the speaker, make sure there is sufficient clearance behind the panel (no obstructions like A/C channels, power lines etc).
- Take care of your speaker wires, they should be free of damage. Damaged speaker wires might result 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. Use the cutout template to mark the mounting hole.
2. When making the hole in your mounting panel, double check that 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.
3. Remove the speaker grille: turn the mounting clamps (dog-ears) outwards and push them in the direction of the grille until it pops out. Remove the grille.
4. Turn the dog-ears inwards again and tighten the dog-ear screws slightly to make them stay in the inward position.
5. Connect the speaker wires and insert the speaker in the precut speaker opening.
6. Fasten the dog-ear screws carefully until the speaker sits safely in place. Do not overtighten the dog-ear screws!
7. Carefully push the grille back in place.

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

Loudspeaker system	Dual cone
Woofer size	3 inch
Impedance	4 Ω
70 V power taps 100 V power taps	3 W - 1.5 W - 0.75 W 6 W - 3 W - 1.5 W
SPL 1 W@1 m	91 dB
max SPL@1 m	99 dB

Main construction material	ABS plastic
Grille main material	Steel
Woofer cone material	Paper
Mounting system	3 screws
Outside diameter	205 mm
Depth	70 mm

Frequency response	70 Hz - 20 Hz
IP rating	50
Low impedance continuous power	15 W
Cutout diameter	186 mm
Net weight product	0.75 kg
Dispersion angle 1000 Hz	180°