

# CEILING SPEAKER EN-CMX6T10

Certificate No.: 1438/CPD/XXXX

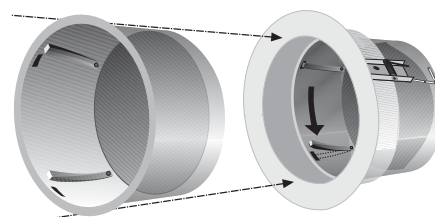


EN 54-24  
certified

The Apart-Audio EN-CMX6T10 is a built-in 2-way ceiling speaker made of powder coated steel (RAL 9010 equivalent), equipped with a high class 2-way speaker and a multitap 100 volt transformer, all certified according EN 54-24, offering a detailed and powerful sound for demanding applications. The unit is equipped with a ceramic speaker line connector block, thermal fuse and metal firedome. Installation is made easy thanks to the spring loaded clamps and the included PG16 cable gland. Popular applications: background music, microphone calls (paging) and evacuation systems. The highlights are: steel frame and grille, ceramic connector block, thermal fuse, 2-way speaker.

## Mounting instructions

1. Insert the outer frame (ring) into the ceiling and fix it with the spring clamps.
2. Slide the firedome into the frame:  
Lift the three plate springs from the spring slots and turn them sideways.  
Put the speaker cable through the cable gland. Position the dome under the notches and put it in line with the slots.  
Turn the plate springs to original position, into the slots.
3. Connect the speaker cable to the ceramic connector block.
4. Mount the grille into the frame by turning it clockwise while gently pushing it up.



## Safety precautions

- Keep this manual for future reference.
- When making the hole in your mounting panel to mount the Apart 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 may result in poor sound quality and can damage amplifiers.
- Only use accessories specified by the manufacturer.
- Make sure the mounting panel can support the speaker's weight.
- Use a sufficient amount of speakers to avoid dead spots.
- No main power shall be connected to the loudspeakers, doing so will damage the speaker.
- This apparatus should only be serviced by qualified personnel. If not serviced by qualified personnel, warranty may be void.
- Use cable of the right gauge, certainly 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 unit's condition after unpacking. If the outside of the carton box has been damaged, inform your shipper immediately.

## Warranty info

Apart Audio warrants this product to be free of defects in material and workmanship for a period of one year for parts and for a period of one year for labor from the date of original end-user purchase. This warranty is valid only for the original end-user and cannot be transferred. During the warranty period Apart Audio or one of its authorized service partners shall either repair or replace any product, free of charge, that proves to be defective on inspection by Apart Audio or its authorized service representative. This warranty does not include, damages or product faults due to abuse, misuse or faulty installation.

## Legal info

Audioprof nv  
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Company names, product names and trademarks are property of their respective owners. Apart-Audio specifications are subject to change without notice.

## Technical specifications

Speaker type	2-way
Woofer size	6 inch
Dimensions (Ø x d)	220 x 160 mm
Cutout dimensions (Ø)	197 mm
Mounting depth	159 mm
Colour	RAL 9010
100 volt transformer power taps	10 / 6 / 3 / 1.5 watts
Frequency response (-10 dB, IEC268-5)	249 - 23500 Hz
Frequency range	70 - 24000 Hz
Dispersion angle -6 db, 500 Hz / 1 kHz / 2 kHz / 4 kHz	180° / 180° / 130° / 44°
SPL 1W / 1m (IEC268-5)	87.7 dB
SPL 1W / 4m (IEC268-5)	75.7 dB
SPL Pmax / 4m (IEC268-5)	85.7 dB
SPL Pmax / 1m (IEC268-5)	97.7 dB
Sensitivity EN54-24, 1W / 4m	72.9 dB
IP classification	50
Chassis & grille material	powder coated steel