

CMSUB8 STEREO CEILING SUBWOOFER

Features

The CMSUB8 stereo ceiling subwoofer is designed to reproduce a fat and deep bass. Featuring dual 8-ohm coils and incorporated passive filter circuitry, the CMSUB8 can be used in almost any situation where extra bass is needed at low to medium sound levels.

This subwoofer is the ideal partner for all kinds of satellite speakers: small to medium CM speakers (CM3T, CM4T, CM10TB, DC220T, CM20DTS, DX-IC4LP). It is also ideal for small cabinet speakers, such as the OVO3T, OVO5T, KUBO3(T), KUBO5(T), MASK2, and MASK4C(T).

Due to the aluminium grille, this speaker is also suitable for use in humid conditions.

Ideally, you should use the CMSUB8 in an active configuration, for example using our Champ-4 amplifier with integrated active low- and highpass filters. In case you use the CMSUB8 in passive speaker systems, make sure the satellite speakers have their own highpass filters, for optimum blending with the CMSUB8 speaker.

Furthermore, due to its discreet design, looking exactly the same as many of our CM speakers, you can enjoy high quality background music with plenty of bass. If you need more bass, or when the room is acoustically troublesome, you should add more CMSUB-8 speakers and spread them across the area. The speaker is designed for infinite baffle use (e.g. into a ceiling), meaning that you don't need to build a backbox! When built into an enclosure (e.g. furniture), then we recommend a closed box with minimum 20 liters of volume.

This speaker is NOT magnetically shielded, so if you have a CRT screen, place the speaker at sufficient distance from the screen. Modern plasma, LCD, TFT or LED screens are insensitive to magnetic interference, so you can install this speaker close to such devices without limitations.

For possible and supported speaker/amp combinations, ask your dealer or take a look at our speaker sets at biamp.com



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.

UNPACKING

This speaker has been carefully packed at the factory. Open the carton box and remove the speaker from the packing. Do not use sharp objects to remove the protective bag from the speaker. When the product shows signs of damage caused by transportation, contact your dealer immediately. Damage due to transport and rough handling is not covered by the manufacturers warranty.

MOUNTING

We recommend to use the subwoofer mounted in a ceiling. The speaker is designed for infinite baffle use (e.g. into a ceiling), meaning that you don't need to build a backbox.

When built into an enclosure (e.g. furniture), then we recommend a closed box with minimum 20 liters of volume.

The loudspeaker is easy to install, due to its simple, quick mounting system: 3 screws which are hidden behind the loudspeaker grille, which gives the loudspeaker a modern and striking design. Cutout Ø : 226 mm

Remove the grille before mounting. Behind the grille you see three Philips screws. Use these screws to tighten the dog-ears (mounting clamps).

Caution: SAFETY FIRST. Some ceiling materials are very soft and might break under the constant stress of a low frequency loudspeaker. In case of doubt, reinforce the ceiling around the speaker.



TECHNICAL SPECIFICATIONS

Speaker type	8" dual coil, coated paper cone
Impedance	2 x 8 Ω
Frequency range	50 Hz - 200 Hz (passive filter included)
Low impedance continuous power	2 x 40 W
Sensitivity	88 dB/1 W/1 m

Dimensions	246 mm x 106 mm
Cutout diameter	226 mm
Mounting depth	97 mm
Weight	2.1 kg