

CSBC Series Back Can Speaker Housing

User's Installation and Wiring Guide

The Current Audio speaker Back Can is a housing system designed as a multipurpose acoustic enclosure aid for the installation of speakers.

It provides for sound attenuation migrating to adjacent rooms. The housing focuses acoustic energy directly into the room for maximum speaker performance. The enclosure has a selectable slotted screw cover to choose between a sealed or ported enclosure boost bass response.

A damping device reduces standing waves and mechanical resonances plus enhances bass frequencies. It also serves to prevent debris, rodent droppings and insects from entering the speaker baffle that can alter the sound of the speaker. The enclosure can also be used as a vapor barrier in some instances. (*check your local building codes*).

The system consists of a Back Can that attaches to and houses all new style CS and CSFL ceiling speakers manufactured after November 2011. The BC6 and BC8 have standoffs to mount our 70 volt transformer. Once the housing is attached to the speaker it will fit our rough-in bracket or can be retro fitted using the dog legs on the speaker. The system assures a cost-effective and time-saving installation for both 8 ohm and 70 volt systems.



| SPECIFICATIONS | CS65BC | CS80BC |
|--------------------------------------|-----------------------|------------------------|
| Back Can Style | Round Ceiling | Round Ceiling |
| Outside Diameter | 8 1/10" (205mm) | 9 3/5" (244mm) |
| Outside Height (including terminals) | 5 4/9" (138mm) | 7 1/10" (180mm) |
| Works With Models after 11/01/201 | CS65x, CS65xFL Series | CS80x , CS80xFL Series |

| | | |
|-------------|--|---------------|
| Part Number | 93300 CS65BC | 93301 CS80BC |
| | Fit Rough-Ins | Fit Rough-Ins |
| | 92083 TB6 | 92084 TB8 |
| | 92026 NC6CB | 92027 NC8CB |
| Manual URL | www.currentaudio.com | |



CS65BC Top



CSBC6 with CS650DTFL

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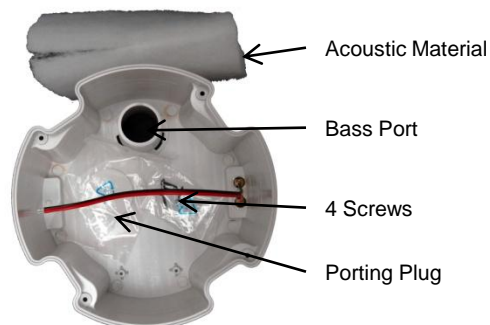
Packaging and Enclosed Parts

Please inspect your pack for damaged or missing parts. Notify your supplier if any discrepancies occur.

There are (7) parts in the package: (1) Back Can, (1) Porting Plug, (1) Acoustic Material, (4) Screws

Mounting Instructions

1. If using the R70VT transformer mount this first to the stand offs inside the can using (2) #6 self tapping X 3/8"(9.7mm) long screws.(not supplied)
2. If using only a 8 ohm speaker connect the red/black wires inside the Back Can to your speaker of choice.
3. If using the R70VT connect the white/black wires on the transformer to the speaker (maintain polarity for proper phasing on subsequent multiple speakers.)
4. Use the brown and a color on the transformer for your desired watt tap. These wires will be connected to the red/black wires that go to the spring loaded gold plated terminals on the outside top of the can. Protect remaining wires with tape, wire nuts or crimp connectors to prevent shorts. Start with the 8 watt tap then go up or down as needed. Stuff the supplied white acoustic material into the Back can at this time.
5. Match the grooves of the Back Can with grooves of the speaker. They are ribbed to match and provide a seal. Be careful not to pull apart any wire connections as you place the Back Can to the speaker.
6. Once you have matched the grooves secure the back can to the speaker with the (4) supplied screws.
7. Install the Porting plug at this time in the top of Back Can for vapor barrier. Open delivers more bass. To prevent a loss of performance keep the Port vent clear of the Dacron acoustic material.
8. Your assembly is now ready for installation either in a prepared rough-in or may be retro fitted like a normal speaker using the speaker dog legs to secure the assembly to the ceiling
9. When installing in dry wall use either use a drywall saw or a RotoZip type power tool. When cutting the hole angle the cut slightly (about 15 degrees) into the center of the hole. This provides a space for the lip of the speaker and prevents it from being pushed into the cavity thus allowing a proper snug fit.
10. After final paint of the drywall, install the speakers into the cut out holes. Follow the speaker instructions.



Back Can
With R70VT
Transformer Installed

Considerations

- Allow about 24" of wire to connect speaker. Cut off excess at speaker install
- Rewire the speakers after plumbing and electrical and prior to insulation.
- The speaker placement should be equal distance from the side walls. (Approximately 16-22" away from walls).
- To prevent standing waves Do Not make the distance from the back wall the same as the side wall.
- Do NOT use any existing holes for running speaker wires. Drill new holes for speaker wires. Wires can be pinched or melted from pipes.
- Do NOT run speaker or A/V wires parallel to electrical wiring this could induce crosstalk and AC hum.
- Keep all speaker and A/V wiring at least 16" away from all electrical wires.
- Cross electrical wiring at right angles to reduce cross talk.
- Keep the speaker wires somewhat loose to allow for building expansion.

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Notes:

Limited 5 Year Warranty

Current Audio, LLC speakers and accessories are warranted to be free from defects in materials and or workmanship to the original retail purchaser for a period of 5 years provided the equipment was purchased and installed from a Current Audio, LLC Authorized Dealer.

In the event of defective materials and or workmanship, Current Audio, LLC will, without charge, repair or replace, at its option, the defective product. In order to make claim under this Warranty and to obtain performance of any obligation under warranty, please contact Current Audio. Instructions will be given on how to return the defective product to Current Audio. Returned products must be shipped prepaid. Proof of purchase must be provided with the product.

The Warranty does not apply to damage not resulting from defective materials and or workmanship while in the possession of the original consumer or due to unreasonable use by the original consumer, which includes but not limited to improper installation, negligence, unauthorized repair or modification, aesthetic deterioration from the environment. Products purchased by unauthorized sources will void the warranty and not be honored.

Current Audio, LLC is not liable for any incidental or consequential damages, so the above limitations or inclusion may not apply to you. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state within the United States.



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