**BRACKETS AND ACCESSORIES GUIDE**

- **C4-CATR** Can Adapter / Trim Ring for C4
- **C6-CATR** Can Adapter / Trim Ring for C6
- **C8-CATR** Can Adapter / Trim Ring for C8
- **C4-NCB** New Construction Bracket for C4
- **C6-NCB** New Construction Bracket for C6
- **C8-NCB** New Construction Bracket for C8

**ABOUT WIRING**

Wiring of the loudspeakers is not discussed in this accessory guide. For information on wiring, please see the complete C SERIES Ceiling Loudspeaker Installation and Operation Manual at www.communitypro.com. The installer must route the wires and connect them properly before the loudspeaker installation is completed.

**CAUTION:** Installation of loudspeakers should only be performed by trained and qualified personnel. It is strongly recommended that a licensed and certified professional structural engineer approve the mounting design.

**NOTICE:** Every effort has been made to ensure that the information contained in this guide was complete and accurate at the time of printing. However, due to ongoing technical advances, changes or modifications may have occurred that are not covered in this manual. The latest version of this manual and the most recent product information published by Community is always available at communitypro.com.

**WAIVER OF LIABILITY**

Whenever Community Light and Sound, Inc. (CLS), dba Community Professional Loudspeakers is requested to provide advice or material regarding the design or installation of its equipment such advice or material is intended and provided for information purposes only. The advice or material is only intended to familiarize the user with various options for design, coverage and installation. User expressly agrees that CLS shall not be liable for any damages, whether in tort, contract, strict liability or otherwise consequential, incidental or otherwise to person or property as a result, directly or indirectly, of the use of any advice or material. The user of any advice or material provided by CLS assumes all risk and liability for the use thereof. Without limitation to the above, CLS does not accept liability or responsibility for the performance of any manufacturer, design, method, use, material or technique employed by the acoustic designer and/or installation company. All advice, information or material is subject to field variations and environmental conditions. All advice, information, or material given is offered on the assumption that common or standard practices for installation used in the construction trades is applied to all phases of the user's project. Actual assembly or configuration must be performed only by persons with knowledge of mechanical trades and rigging, where applicable. Any installation method must be certified by a Professional Engineer licensed in the state in which assembly or configuration is located.
The C SERIES Can Adapter/Trim Ring (CATR) is intended for use when a C SERIES ceiling loudspeaker is being mounted in either an existing oversize hole in the ceiling or when the entire ceiling loudspeaker can assembly is being mounted inside of an existing, larger, industry standard-type back can.

**Using the CATR with an Existing Oversize Hole**

If the C SERIES ceiling loudspeaker is being fitted into an existing oversize hole of up to 11 inches (279 mm) in diameter or if the loudspeaker is being inserted into a previously installed larger industry back can, then you can use a CATR to dress the installation.

There are three models of the Can Adapter/Trim Ring. The C4-CATR is used for retrofit installations of an entire C4 complete assembly into an existing larger industry back can or into an existing but oversize ceiling hole. The C6-CATR and C8-CATR do the same for C6 and C8 complete assemblies respectively.

**NOTE:** Before mounting a loudspeaker into an oversize hole using the CATR, insert the provided rubber hole plugs into the four countersunk holes on the CATR that will face outward. Insert the plugs, pull them through from the rear side firmly and cut the excess length off of the plugs from the rear side so that they do not interfere with installation. You will not need to use the provided 8-32 screws in this application and you should not need to use the provided clamp extenders.

When using a CATR to mount a C SERIES loudspeaker into an oversize hole, it is recommended that the user also use the standard tile rails behind the ceiling whenever possible for the best possible weight distribution and support. Rotate the back can as necessary to ensure all of the clamps are oriented to contact the tile rails.

**Using the CATR with an Existing Industry Back Can**

You can use a CATR to install a C4, C6 or C8 complete loudspeaker assembly, including the back can, into an existing larger back can. This is the “Adapter” function of the CATR. Leave the existing back can and its tile rails (if any) in place. Using the four (4) supplied 8-32 screws, mount the CATR into the existing back can using the existing screw inserts on the can, taking care to center the CATR (Note: You will not need to use the hole plugs in this application).

Before installing the loudspeaker into the existing back can you must install the provided Clamping Extenders onto the ceiling loudspeaker clamping feet. Simply slide the plastic clamp extenders over the feet. For the best performance align the outer edge of the extender with the outer edge of the existing clamp. Make sure to fold the clamps back against the can before proceeding to install the loudspeaker. Once that is completed, you can open the Drop-Stop™ tabs slightly, insert the loudspeaker back can through the CATR, listening for the Drop-Stop tabs to snap into position. Then turn the Phillips-head Can-Locking Clamp Actuator screws in the loudspeaker can so that it is secured in place, following the same procedure recommended in the C SERIES Ceiling Installation and Operation Manual for standard ceiling loudspeaker installation.

**Figure 1:** Suggested use of CATR being used in an oversize hole

**Figure 2:** C6-CATR used to fit an entire assembled C6 into a larger existing back can

**Figure 3:** C4-CATR, C6-CATR and C8-CATR dimensional drawings

### Parts Supplied with Can Adapter / Trim Ring (CATR)

- **C4-CATR / C6-CATR / C8-CATR**
  - (2) Clamp Extender
  - (4) Trim Ring Screw Hole Plug
  - (4) 8-32x1 Oval Head Screw, White
  - (1) Can Adapter / Trim Ring
Community offers three sizes of New Construction Brackets (NCB) suitable for 4.5-inch, 6.5-inch, and 8-inch diameter C SERIES ceiling loudspeakers. The illustration below is simply an introduction to the NCB. Please see Community’s C SERIES Ceiling Loudspeaker Installation and Operation Manual for information on drywall ceiling installation methods, pre-installation in a new drywall ceiling, and inserting the loudspeaker assembly into the back can.

**Figure 4:**
*Using a New Construction Bracket (NCB) to mount a complete C4, C6, or C8 Ceiling Loudspeaker Assembly in a new drywall ceiling structure*

**Figure 5: NCB Dimensional Drawings**
These illustrations are NOT drawn to scale, but they do accurately depict the dimensions of the New Construction Brackets for C4LP, C4, C6 and C8. Please also refer to Community’s C SERIES Ceiling Loudspeaker Installation and Operation Manual for a chart depicting the use of these items with various C SERIES ceiling loudspeaker systems.
NOTE: On some "Torsion" model enclosures, the internal torsion hardware may need to be removed prior to installing the CATR. Torsion models are sometimes known as "Spring" models and often have a "T" prefix in the model number, such as the Atlas T95-8.

The following industry back cans are NOT compatible with Community C SERIES ceiling loudspeaker products and accessories.

**Atlas Back Cans:** Any 95-4 Series, any 96-4 Series, any 96-6 Series, 95-12, EZ195-8, CS95-8 and any E410 Series

**Lowell Back Cans:** XCP84, XCP87, XCP810, IX610, IX810, CP4, BX and DX104.

## COMPATIBLE INDUSTRY BACK CANS

The following industry back cans are compatible with Community C SERIES Can Adapter / Trim Rings (CATR). “✓” indicates that the manufacturer back can is compatible.

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