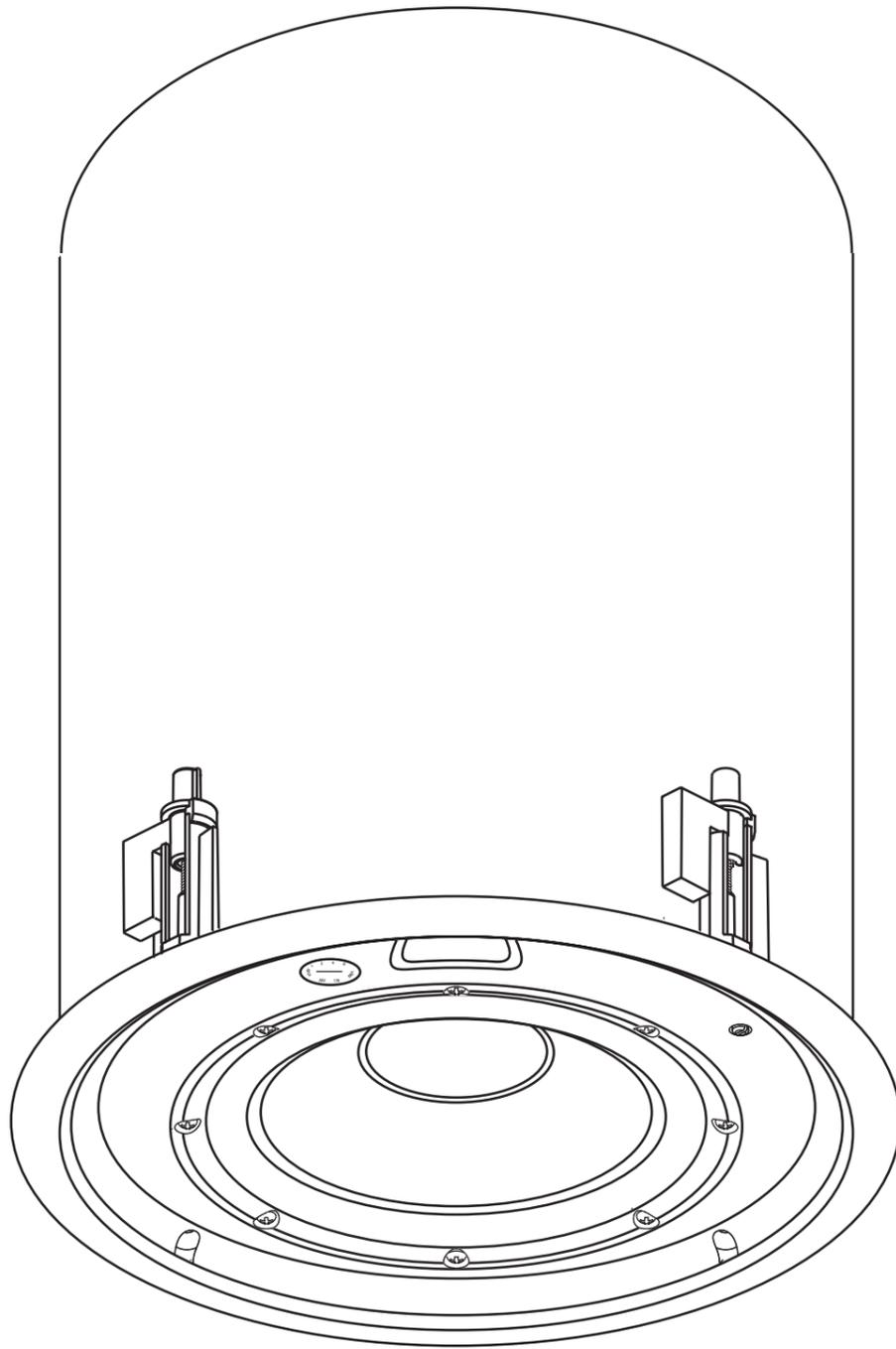


AC-C4T

QSC™

User Manual (DRAFT 2014/07/22)



TD-000432-00-A



EXPLANATION OF SYMBOLS

The term **"WARNING!"** indicates instructions regarding personal safety. If the instructions are not followed the result may be bodily injury or death.

The term **"CAUTION!"** indicates instructions regarding possible damage to physical equipment. If these instructions are not followed, it may result in damage to the equipment that may not be covered under the warranty.

The term **"IMPORTANT!"** indicates instructions or information that are vital to the successful completion of the procedure.

The term **"NOTE"** is used to indicate additional useful information.

 The intent of the lightning flash with arrowhead symbol in a triangle is to alert the user to the presence of un-insulated "dangerous" voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to humans.

 The intent of the exclamation point within a triangle is to alert the user to the presence of important safety, and operating and maintenance instructions in this manual.



IMPORTANT SAFETY INSTRUCTIONS



- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Only use attachments/accessories specified by the manufacturer.
- Refer all servicing to qualified service personnel.
- Adhere to all applicable, local codes.
- Consult a licensed, professional engineer when any doubt or questions arise regarding a physical equipment installation.

Warranty (USA only; other countries, see your dealer or distributor)

QSC Audio Products 3 Year Limited Warranty

QSC Audio Products, LLC ("QSC") guarantees its products to be free from defective material and/or workmanship and will replace defective parts and repair malfunctioning products under this warranty when the defect occurs under normal installation and use, provided the unit is returned to our factory, one of our authorized service stations or an authorized QSC International Distributor via pre-paid transportation with a copy of proof of purchase (i.e., sales receipt). This warranty provides that the examination of the return product must indicate, in our judgment, a manufacturing defect. This warranty does not extend to any product which has been subjected to misuse, neglect, accident, improper installation, or where the date code has been removed or defaced. QSC shall not be liable for incidental and/or consequential damages. This warranty gives you specific legal rights. This limited warranty is freely transferable during the term of the warranty period. The warranty on QSC products is NOT VALID if the products have been purchased from an unauthorized dealer/online e-tailer, or if the original factory serial number has been removed, defaced, or replaced in any way. Damage to, or loss of any software or data residing on the product is not covered. When providing repair or replacement service, QSC will use reasonable efforts to reinstall the product's original software configuration and subsequent update releases, but will not provide any recovery or transfer of software or data contained on the serviced unit not originally included in the product.

Customers may have additional rights, which vary from state to state or from country to country. In the event that a provision of this limited warranty is void, prohibited or superseded by local laws, the remaining provisions shall remain in effect.

The QSC limited warranty is valid for a period of three (3) years from date of purchase in the United States and many (but not all) other countries.

For QSC warranty information in countries other than the United States, contact your authorized QSC international distributor. A list of QSC International distributors is available at www.qsc.com.

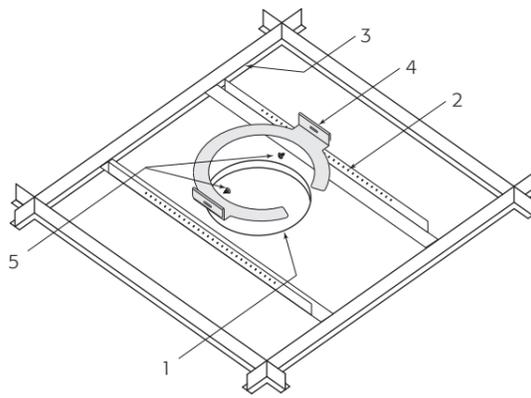
To register your QSC product online, go to www.qsc.com and select "Product Registration". Other questions regarding this warranty can be answered by calling, e-mailing or contacting your authorized QSC distributor.

Phone: 1-800-854-4079 within US and Canada, +1-714-754-6175 international, **Email:** warranty@qsc.com, **Website:** www.qsc.com.

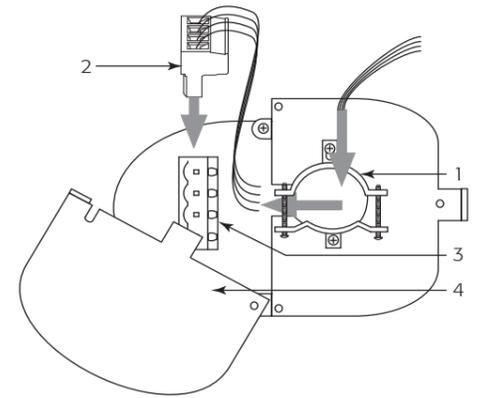
Prepare Ceiling

Refer to Figure 1.

1. Use the template provided to mark and cut a hole (1) in the ceiling where the loudspeaker is to be installed. For frame-construction ceiling, skip to "Wire the Loudspeakers".
2. Install two V-rails (2), one on each side of the hole, and supported by the suspended-ceiling support rails (3).
3. Install the C-ring (3) over the hole, using the V-rails as support. Make sure the clips on the C-ring are properly fitted over the V-rail.
4. Use sheet-metal screws (5) to secure the C-ring to the V-rails.



– Figure 1 –

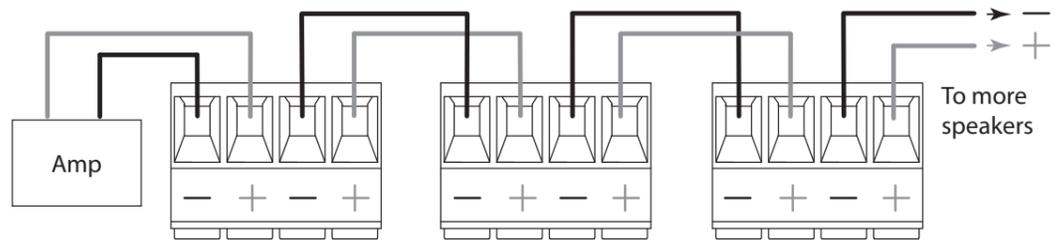


– Figure 2 –

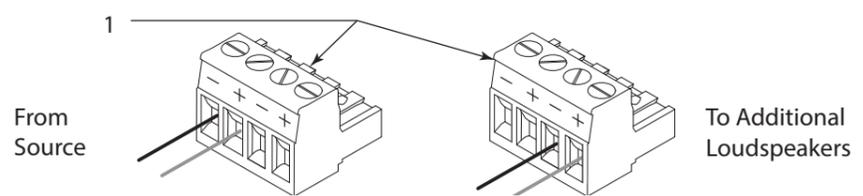
Wire the Loudspeakers

Refer to Figure 2.

1. Pass the wires down through the conduit/stress-relief clamp. Leave enough wire for making connections. Carefully tighten the clamp over the wires, or over the conduit if it is used.
2. Wire the female Euro-style plug (1) as shown in Figure 3.
3. Slide the cover (3) over the connector and secure with the Phillips screw.



Parallel Wiring Diagram



– Figure 3 –

Seismic Safety

Refer to Figure 4.

1. Attach an appropriate safety line to the safety tab on the back of the connector cover, and to an appropriate part of the structure.



WARNING! Be sure to check and adhere to local building codes for seismic requirements.

Mount the Loudspeaker

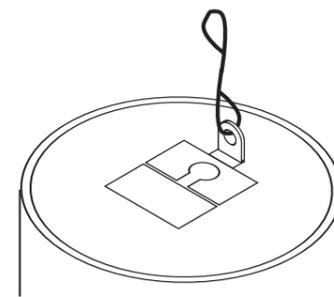
Refer to Figure 5.

1. Make sure all of the dog-ears are up against the side of the metal loudspeaker housing.
2. Slide the Loudspeaker Housing up through the hole into the ceiling.
3. Use a Phillips screwdriver to tighten each of the four dog-ear screws.

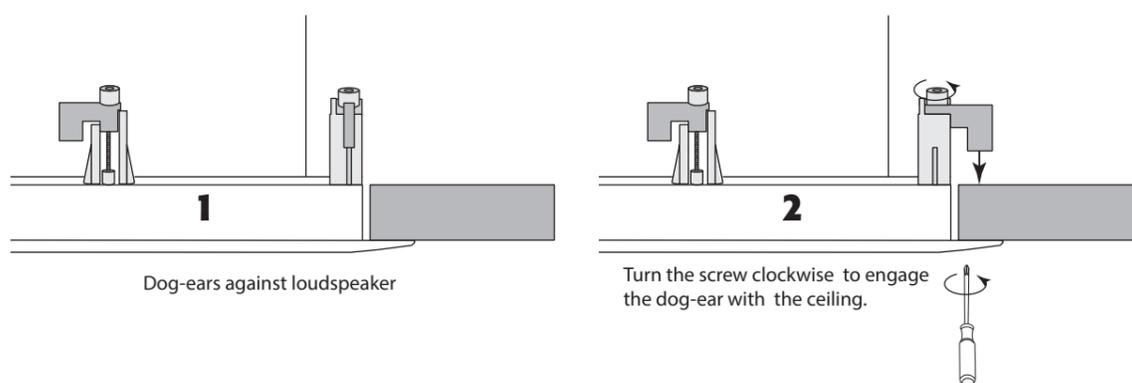


CAUTION! Do not overtighten the dog-ear screws!

4. Use a flat-tip screwdriver to set the transformer tap based on the requirements of the installation.
5. Install the loudspeaker grill.



– Figure 4 –



– Figure 5 –

Specifications

Name	Specification
Transducer	4" Polypropylene cone with rubber surround
Rated noise power [W rms] ⁽¹⁾	16
Nominal Impedance	8 Ohm
Transformer Taps	1, 2, 4, 8, 16W, 8 Ohms bypass, 70 and 100V
Effective frequency range [Hz] ⁽²⁾	70 – 16k
Rated coverage [degrees] ⁽³⁾	140 conical
Sensitivity [dB] ⁽⁴⁾	89
Maximum continuous SPL [dB] ⁽⁵⁾	101
Maximum peak SPL [dB] ⁽⁵⁾	107



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