INSTALLATION MANUAL

C SERIES C6R/C6R SST ROUND SPEAKERS

SONANCE®

Introduction

Thank you for purchasing Sonance C Series C6R/ C6R SST Round Speakers. When properly installed your new speakers will give you years of entertainment pleasure.

Box Contents

C Series C6R in-ceiling speaker box contains:
(2) C Series C6R
(2) paintable grilles
(2) mounting cut-out templates

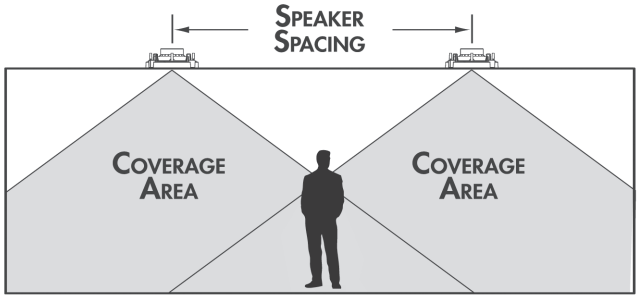
C Series C6R SST in-ceiling speaker box contains:
(1) C6R SST speaker
(1) paintable grille
(1) mounting cut-out template

Speaker Placement

Stereo Speaker Placement (2-Channel System)

- Place the left and right speakers anywhere from 6 - 10 feet (1.8m – 3m) apart, with the main listening position as close to midway between the speakers as possible.
- In most cases pivoting the C6R tweeter of each speaker directly towards the main listening position will help maximize the stereo soundstage. (The SST tweeters do not pivot)

Use the Left and Right speaker placement in *Figures 2 and 3, on the left side of image,* as a guide.



SPEAKER SPACING (IN FEET) FOR A DISTRIBUTED AUDIO SYSTEM		
	STANDING LISTENER	SEATED LISTENER
8-FOOT CEILING	5.7′ (1.7m) Apart	9.5′ (2.9m) Apart
10-FOOT CEILING	9.7′ (3.0m) Apart	13.5′ (4.1m) Apart
12-FOOT CEILING	13.7′ (4.2m) Apart	17.5′ (5.3m) Apart
14-FOOT CEILING	17.7′ (5.4m) Apart	21.5′ (6.6m) Apart

FIGURE 1: DISTRIBUTED AUDIO SPEAKER SPACING

Home Theater Speaker Placement

Left, Center & Right Speakers *(see Figure 2)*

- *Place the left, center and right speakers 1 – 2 feet (0.3m – 0.6m) in front of the video screen, 6 – 10 feet (1.8m – 3m) apart, with the center channel speaker as close to midway between the left and right speakers as possible.*
- *The main listening position should be 4 – 10 feet (1.2m – 2m) away from the speakers.*

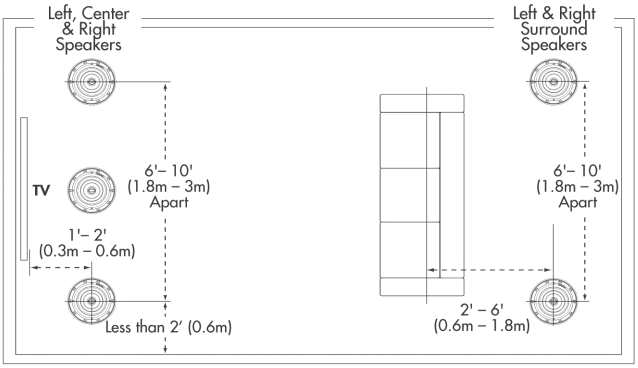


FIGURE 2: 5.1-CHANNEL HOME THEATER SPEAKER PLACEMENT

Surround Speakers — 5.1-Channel System *(see Figure 2)*

- Locate the left and right surround speakers 2 – 6 feet (0.6m –1.8m) behind the listening position. The speakers should be 6 – 10 feet (1.8m – 3m) apart.

Surround Speakers — 7.1-Channel System *(see Figure 3)*

- **Left & Right Surround Speakers**: Place the left and right surround speakers directly to the sides of the listening position, 6 –10 feet (1.8m – 3m) apart.
- **Surround Back Speakers**: Place the surround back speakers 2 – 6 feet (0.6m – 1.8m) behind the listening position. The surround back speakers should be closer together than the left and right surround speakers, 3 – 6 feet (0.9m – 1.8m) apart.

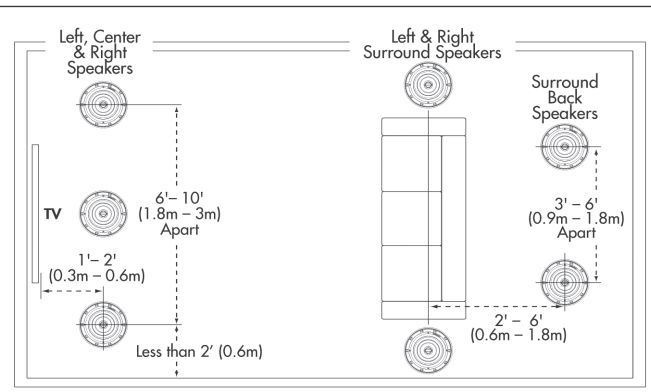


FIGURE 3: 7.1-CHANNEL HOME THEATER SPEAKER PLACEMENT

Before Installation

1. Determine the location for the speaker (see Speaker Placement on page 1).
2. Perform an obstruction survey using a stud finder to be certain that there are no studs, conduit, pipes, heating, ducts, pocket doors or air returns in the ceiling cavity that will interfere with the speaker. If you are unsure about obstructions, drill a small hole in the center of the outline and insert a coat hanger wire into the hole to feel around for possible obstructions.
3. Cut the mounting hole using a keyhole or drywall saw, and run the speaker wires from the mounting hole to the amplifier location.

NOTE: CONSULT LOCAL BUILDING CODES BEFORE RUNNING SPEAKER WIRES THROUGH CEILINGS.

Installation

Sonance C Series Speakers feature integral Roto-Lock® mounting system for quick mounting directly into existing ceilings.

1. Strip 1/4" – 1/2" (6mm – 12mm) of insulation from each speaker lead. Twist the strands or tin the exposed wire with solder to ensure that there are no stray strands.

   NOTE: STRAY STRANDS THAT TOUCH EACH OTHER CAN CAUSE A SHORT-CIRCUIT THAT CAN DAMAGE THE AMPLIFIER.

2. The speaker's terminals are spring-loaded. Push the top of each terminal down to open the connector and insert the exposed wires into the holes in the spring terminals.

   The speaker's positive spring terminal is labeled with a red dot; the negative spring terminal is labeled with a black dot. Double-check that you connected amplifier "+" to speaker "+" and amplifier "–" to speaker "–".

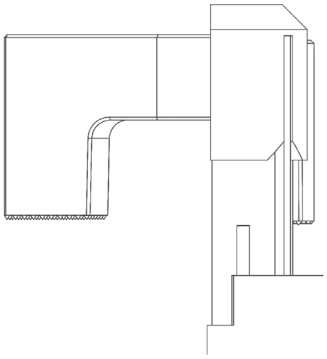


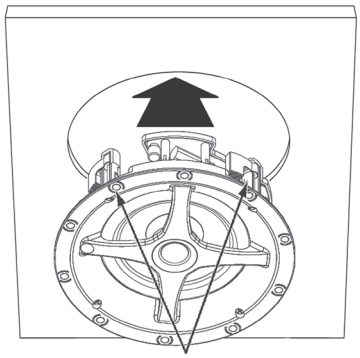
FIGURE 4: ROTO-LOCK TOGGLE FEET

3. Make sure all the Roto-Lock toggle feet are retracted so that they are tucked within the mounting hole's border. Insert the speaker into the hole in the ceiling *(Figure 5)*. The Roto-Lock system can accommodate a ceiling material thickness of **1-1/4" (32mm).**
4. Tighten the screws on the front of the speaker baffle. The Roto-Lock toggle feet will automatically rotate into position and begin clamping the speaker *(Figure 6)*. When you notice resistance on the screws the speaker has been clamped successfully.

IMPORTANT: ALWAYS USE LOW TORQUE SETTINGS; NEVER OVER-TIGHTEN.

NOTE: ADJUST THE TENSION OF THE ROTO-LOCK CLAMPS SO THAT THE SPEAKER FRAME IS FLAT. THIS WILL HELP ENSURE THAT THE GRILLE CONTACTS THE CEILING ALL THE WAY AROUND THE SPEAKER FOR A PROPER FIT.

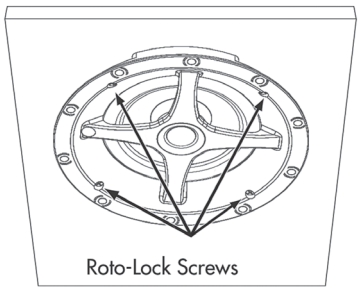
5. The grille is held in place by several small, powerful magnets on the speaker frame. Place the grille against the speaker and the magnets will hold it firmly in place. When properly installed, the grille trim should make contact with the wall all the way around the speaker.



Roto-Lock Clamps (retracted)

FIGURE 5: INSERTING THE SPEAKER INTO THE MOUNTING HOLE

(C6R shown)



Roto-Lock Screws

FIGURE 6: TIGHTENING THE ROTOLOCK SCREWS

Order Numbers

C6R - SKU# 93124
Master Pack (4 pairs)
Pallet (48 pairs)

C6R SST - SKU# 93125
Master Pack (4 per each)
Pallet (72 per each)

LIMITED FIVE (5) YEAR WARRANTY

Sonance warrants to the first end-user purchaser that this Sonance-brand product ("Product"), when purchased from an authorized Sonance Dealer/Distributor, will be free from defective workmanship and materials for five (5) years. Sonance will at its option and expense either repair the defect or replace the Product with a new or remanufactured Product or a reasonable equivalent.

EXCLUSIONS

TO THE EXTENT PERMITTED BY LAW, THE WARRANTY SET FORTH ABOVE IS IN LIEU OF, AND EXCLUSIVE OF, ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IS THE SOLE AND EXCLUSIVE WARRANTY PROVIDED BY SONANCE. ALL OTHER EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, IMPLIED WARRANTY OF FITNESS FOR USE, AND IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE ARE SPECIFICALLY EXCLUDED.

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IN ANY EVENT, SONANCE SHALL NOT BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL, ECONOMIC, PROPERTY, BODILY INJURY, OR PERSONAL INJURY DAMAGES ARISING FROM THE PRODUCT, ANY BREACH OF THIS WARRANTY OR OTHERWISE.

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Your Product Model and Description: Sonance C Series Round Speakers

Additional Limitations and Exclusions from Warranty Coverage: The warranty described above is non-transferable, applies only to the initial installation of the Product, does not include installation of any repaired or replaced Product, does not include damage to allied or associated equipment which may result for any reason from use with this Product, and does not include labor or parts caused by accident, disaster, negligence, improper installation, misuse (e.g. overdriving the amplifier or speaker, excessive heat or cold or humidity, outdoor installation), or from service or repair which has not been authorized by Sonance.

Obtaining Authorized Service: To qualify for the warranty, you must contact your authorized Sonance Dealer/Installer or call Sonance Customer Service at (949) 492-7777 within the warranty period, must obtain a return merchandise number (RMA), and must deliver the Product to Sonance shipping prepaid during the warranty period, together with the original sales receipt, or invoice or other satisfactory proof of purchase.

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