SAROS ICT5T-12-W-T-EACH+
Saros® In-Ceiling Tile Loudspeaker

The Saros ICT5T loudspeaker is a 1 ft x 2 ft in-ceiling tile loudspeaker designed for installation in a suspended ceiling grid using 15/16 in. tees and 2 ft x 2 ft or 2 ft x 4 ft tiles. With a 4 in. overall height, the loudspeaker has a very low profile and can be installed in a crowded plenum space.

>> Check the Box

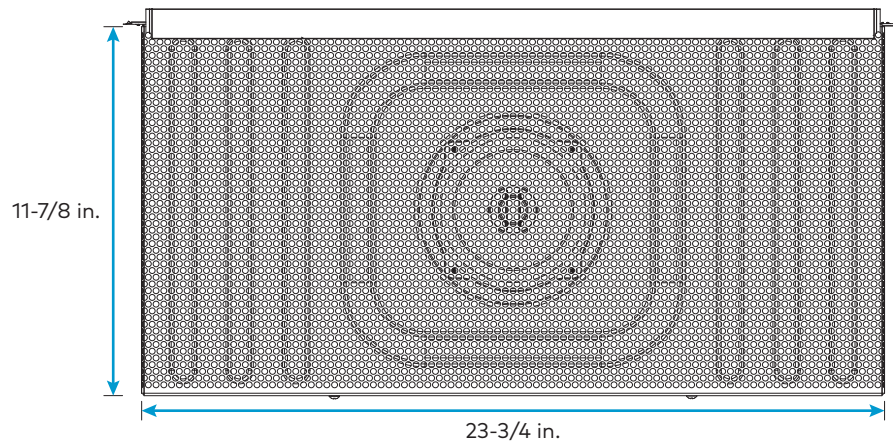| Item	Qty
SAROS ICT5T-12-W-T-EACH+	2
Cross Tee, 2 ft	2

>> Install the Speaker

Required Tools/Recommended Accessories

- Utility knife
- Flat blade screwdriver
- #1 Phillips screwdriver
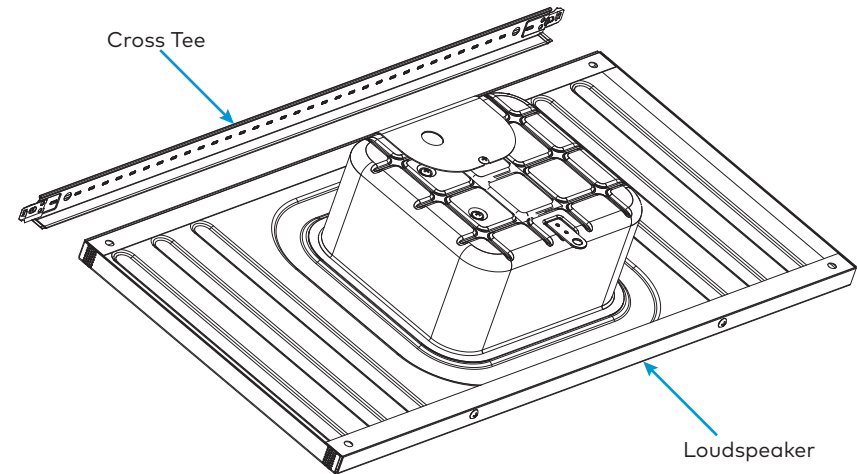- SPKA-ST-15 Safety Tether/Tie Down Kit (sold separately)

Install the Loudspeaker

The loudspeaker has the following dimensions for installation in a 2 ft x 2 ft or 2 ft x 4 ft suspended ceiling grid.
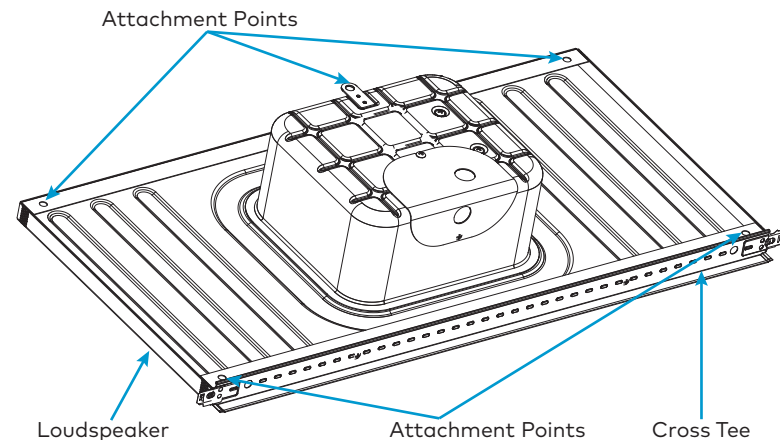

11-7/8 in.

23-3/4 in.

1. Remove a 2 ft x 2 ft or 2 ft x 4 ft tile from the suspended ceiling grid.
2. Use a utility knife to cut a 1 ft x 2 ft section from the end of the tile.

3. Install the 2 ft cross tee in the grid so the loudspeaker and ceiling tiles are supported on four sides.

Cross Tee

Loudspeaker

NOTE: The loudspeaker is designed for use with a suspended ceiling grid with 15/16 in. cross tees.

4. Return the remaining ceiling tile to the suspended ceiling grid and place the loudspeaker in the new opening on the grid.
5. To secure the loudspeaker and make the loudspeaker terminations, temporarily remove an adjacent tile for access to the area above the loudspeaker.
6. Secure the loudspeaker to the building structure above using SPKA-ST-15 Safety Tether/Tie Down Kits (sold separately) or ceiling grid hanger wire.
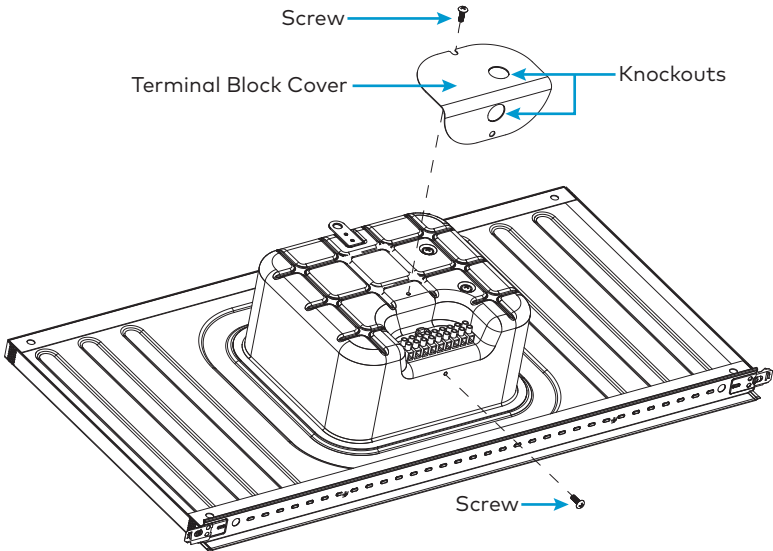

Attachment Points

Loudspeaker   Attachment Points   Cross Tee

CAUTION: When attaching the loudspeaker to the building structure, always observe local building codes for compliance with the authority having jurisdiction.

NOTE: Secure the loudspeaker at the corner points for optimal installation. At a minimum, secure the tab located at the top of the loudspeaker.
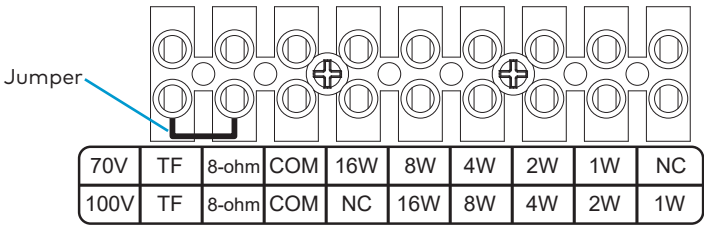
Connect the Loudspeaker

1. Use a #1 Phillips screwdriver to remove the two screws securing the terminal block cover, and remove the terminal block cover as shown in the diagram below. The terminal block is revealed.

Screw →

Terminal Block Cover → ← Knockouts

Screw →

2. Remove a knockout from the terminal block cover and feed the speaker wire through the cover to the terminal block.

   NOTE: For distributed systems with additional loudspeakers, the second knockout can be removed.

3. The loudspeaker uses a jumper to select between low impedance and high impedance operation. If the speaker is to be used in a high impedance system, continue to step 4. For a low impedance system, remove the jumper from the **TF**-**8-ohm** connection as shown in the following diagram.

Jumper

70V	TF	8-ohm	COM	16W	8W	4W	2W	1W	NC
100V	TF	8-ohm	COM	NC	16W	8W	4W	2W	1W

4. Use a flat blade screwdriver to connect the speaker wires to the terminal block. Refer to the diagram in step 3 when wiring the loudspeaker.

System Type	+ Wire	- Wire
70V	16W, 8W, 4W, 2W, 1W	COM
100V	16W, 8W, 4W, 2W, 1W	COM
8 Ohm	8-ohm	COM

NOTES:

- "NC" = No connection.
- "TF" = Transformer

5. Replace the terminal block cover.

6. Replace all ceiling tiles that were removed during installation.

⟩⟩ For Additional Information

Scan the QR code for detailed product information.