In-Ceiling Speakers

Crestron® Reference and Ultimate in-ceiling speakers made by Origin Acoustics deliver the pinnacle of performance for demanding residential installations. Select materials, top shelf components and a high-end appearance underscore the design behind each model. The result is a complete line of in-ceiling speakers suitable for installation in luxury residential applications, restaurants, retail spaces, universities, and office buildings.

In the Box

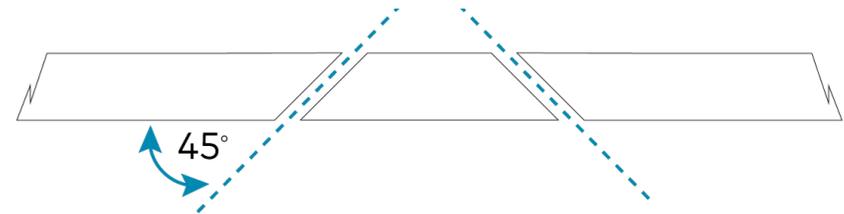|	
1	In-Ceiling Speaker
	Additional Items
1	Bayonet Ring
1	Cutout Template
1	Grille

Installation

Prepare the Mounting Hole

Before finalizing the speaker location, check to make sure there are no fixtures, pipes, air ducts, joists, or other possible obstructions. If applicable, use a stud finder to locate joists.
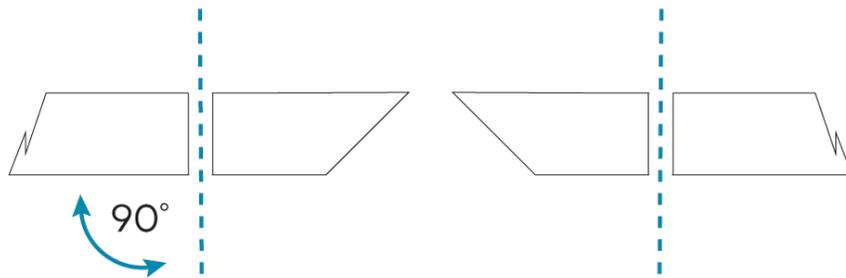
To identify obstructions, do the following:

- Use a drywall saw to cut a small hole at a 45° angle. An angled cut simplifies repair since the removed piece can be reinserted to help plug the hole.

45°

- Bend a piece of stiff cable or wire into an L shape, with one end long enough to explore an area equal to the size of the speaker with the toggle clamps extended. Insert the cable into the hole, make sure it rotates freely in a complete circle, and that there is sufficient depth.

If there are no obstructions, use the supplied template to trace outlines of the mounting hole on the ceiling. Cut the final mounting hole at a 90° angle to the ceiling.

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90°

Paint the Speaker Grille

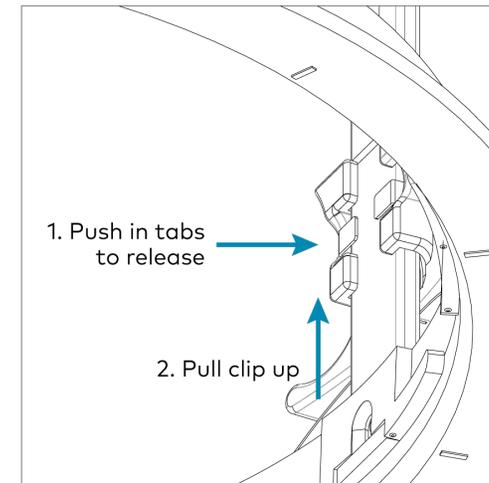Speaker grille painting should be done prior to mounting.

1. Carefully remove the thin cloth on the inside of the grille, and set it aside for reinstallation.
2. Lightly spray paint the front of the grille from a distance. Be careful not to plug any of the holes.
3. Once the paint is dry, put the cloth back on the inside of the grille.

Install the Bayonet Ring

The speaker ships inside the bayonet ring that is used for mounting the speaker in the ceiling. The bayonet ring has a metal lock tab to ensure the speaker is securely installed. Out of the box, this lock tab will be in its closed position. To install the bayonet ring:
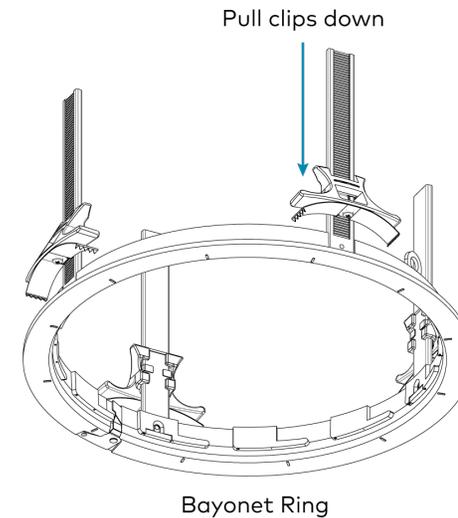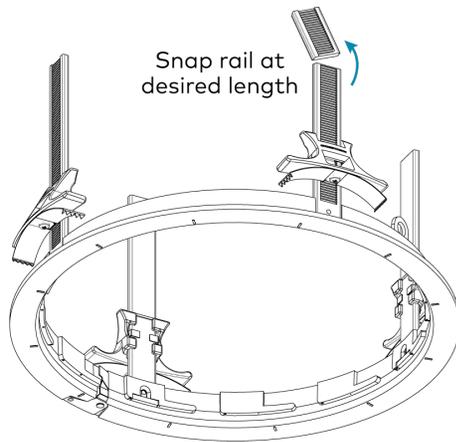
1. Open the lock tab to its unlocked position and remove the speaker from the ring.

2. Push the metal release tabs on the inside of the rails and pull the clips to the top of the rails.

1. Push in tabs to release

2. Pull clip up

NOTE: The length of the bayonet ring rails can be adjusted to match the depth of the mounting hole by manually breaking the additional length off. Make sure the clips are tightened before you do so.

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Snap rail at desired length

Pull clips down

Bayonet Ring

3. Insert the bayonet ring into the hole in the ceiling by bending the rails inward.

> **NOTE:** Bend the bayonet ring rails gently while inserting the ring to avoid damage.

4. Reach inside the bayonet ring and pull the clips down to the ceiling surface so that the bayonet ring is firmly in place, but not too tight. If the bayonet ring needs to be removed, reach inside and push the release tabs in to reset the clips and the bayonet ring can now be taken out.

Install the Speaker Cable

Run the speaker cable (not included) from the audio source to the speaker location, observing all appropriate local codes. Strip the ends of the speaker cable approximately 0.25 in. to 0.50 in. (~6 mm to ~12 mm) and twist the strands.
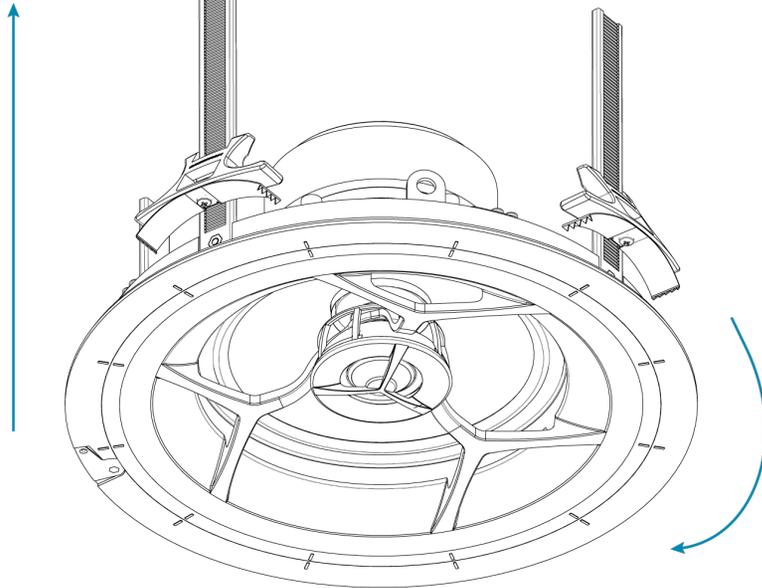
Connect the Speaker Cable

Connect the speaker cable to the terminal block (if the speaker sort name includes "-AW") or spring terminals (if the sort name does not include "-AW"). Make sure that the positive lead is inserted into the terminal block connection marked **+** or the red spring terminal, and the negative lead is inserted into the terminal block connection marked **-** or the black spring terminal.

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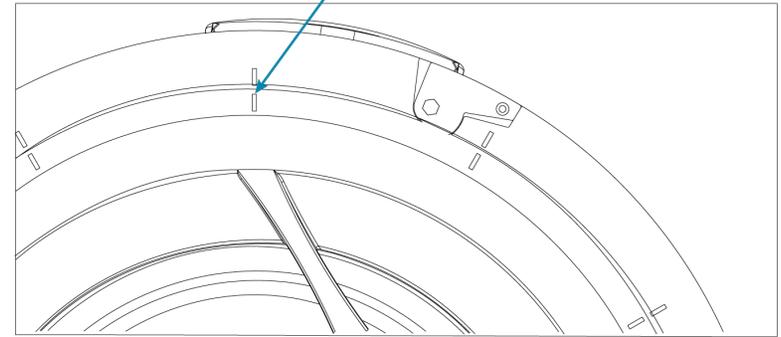
Mount/Remove the Speaker

1. Fit the speaker into the bayonet ring. Then twist the speaker about 15 degrees clockwise into place. When the speaker is properly seated, the indicators on the ring and the speaker line up.
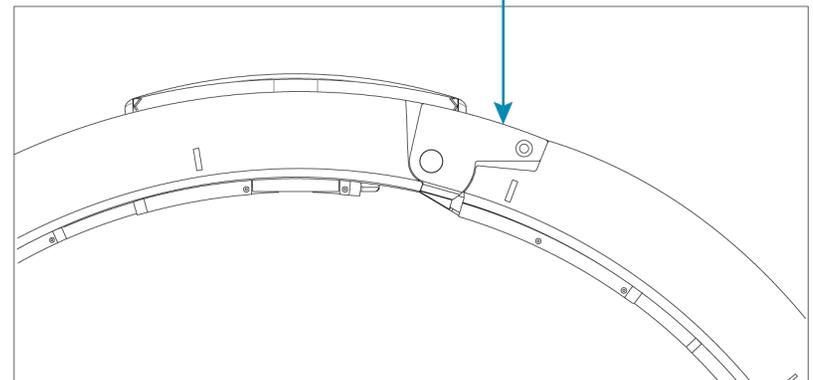
1. Fit into Ring

2. Twist into Ring

Indicators on the ring and the speaker lined up

> **NOTE:** The lock tab will not lock unless the speaker and bayonet ring indicators fully align.

2. Push the lock tab in to lock the speaker in place.

Lock tab in locked (closed) position

3. To uninstall the speaker, pull the lock tab out to its unlocked (open) position and twist the speaker counterclockwise.

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Visit the Product Page

Scan the QR code to visit the product page.

REFERENCE IC6-W-T-EACH

https://www.crestron.com/model/6511845

REFERENCE IC8-W-T-EACH

https://www.crestron.com/model/6511856

ULTIMATE IC6-AW-W-T-EACH

https://www.crestron.com/model/6511844

ULTIMATE IC8-AW-W-T-EACH

https://www.crestron.com/model/6512687

ULTIMATE IC8-DT-AW-W-T-EACH

https://www.crestron.com/model/6512626

ULTIMATE ICS8-AW-W-T-EACH

https://www.crestron.com/model/6511860

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Additional Information

Original Instructions
The U.S. English version of this document is the original instructions.
All other languages are a translation of the original instructions.

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