

ASPIRE_IWLCR52

Aspire® In-Wall Dual 5.25" 2-Way LCR Speaker

DO Install the Speaker

Determine Placement in the Room

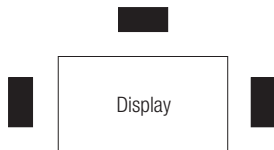
The ASPIRE_IWLCR52 can be oriented either horizontally or vertically in a wall. When installed horizontally, the speaker fits between studs framed 16 inches (minimum) on center. Existing construction requires the installer to locate the framing in order to ensure that sufficient clearance is available to position the speaker at the desired location. The cutout must be centered between studs for all of the speaker mounting toggle clamps to engage the wall.

New construction should take the desired speaker location into consideration and use the accessory preconstruction bracket SPKA-NCTP-IWLCR52 that is installed before the drywall.

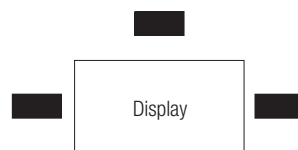
When used as a center channel speaker in a multichannel system, the ASPIRE_IWLCR52 is typically oriented horizontally and positioned centered relative to the video screen. It can be placed either above or below the screen. If two ASPIRE_IWLCR52 units are used as front left and right speakers, they can be mounted either horizontally or vertically, depending on framing requirements and aesthetics. Vertical orientation with the tweeters outboard provides a slightly wider soundstage.

Typical Configurations

Vertical Left and Right



Horizontal Left and Right



Prepare the Mounting Holes

Before finalizing the speaker location, check to ensure there are no fixtures, pipes, air ducts, joists, or other possible obstructions. Use a good quality stud finder to locate framing.

If there is no access to the wall framing, and the presence of obstructions has not been determined, carefully drill a small hole near the middle of the proposed speaker location(s), and then use one of the commercially available inspection devices designed for this purpose. Alternatively, do one of the following:

- Use a piece of stiff wire, bent 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 wire into the hole, making sure that it rotates freely in a complete circle and that there is sufficient depth,

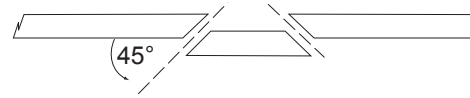
or

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

DO Check the Box

QTY	PRODUCT	COLOR	PART NUM.
1	Grille, Speaker	White	2045576
1	Template, Cutout		2045577

Angle Cut (Viewed from Above)



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

Cut for Mounting (Viewed from Above)



Install the Cables

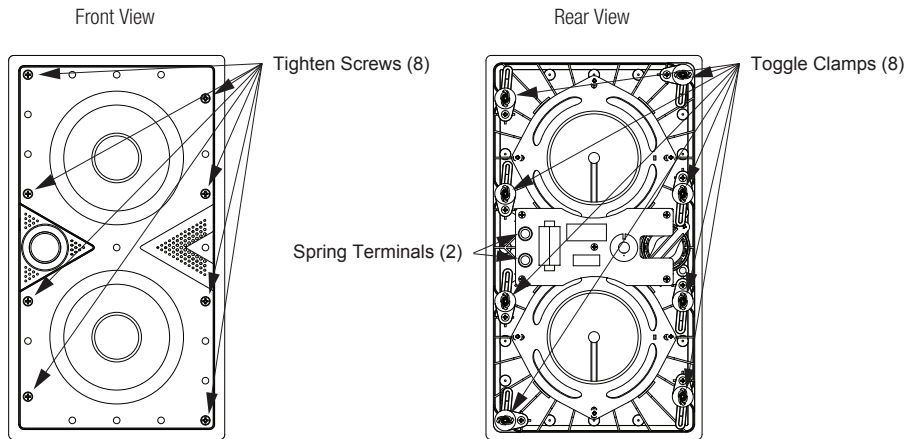
Run the cables from the audio source to the speaker location following all appropriate local codes. Strip the ends of the speaker cable wires 1/4" to 1/2" (6 mm to 12 mm) and twist the exposed strands.

Mount/Remove the Speakers

The in-wall speakers include eight toggle clamps that simplify the mounting process. If the grilles are mounted on the speakers, remove them before proceeding. (Refer to “Install/Remove the Grilles.”)

1. Connect the speaker cable wires to the spring terminals by pressing the top of the terminals down and inserting the exposed strands into the hole. Make sure the + wires go to the + (red) terminals and the - wires go to the - (black) terminals.
2. With the toggle clamps turned inward, insert the speaker into the opening. As the eight screws on the front of the speaker are tightened, the toggle clamps first rotate into clamping position (refer to the illustration on the next page) and then begin holding the speaker to the wall. Tighten the screws until the speaker is secured. Do not overtighten.
3. Speaker removal is accomplished by reversing the procedures given in steps 1 and 2 above.
 - a. Loosen the front screws to unclamp the speaker. Continue to loosen the screws until the toggle clamps rotate inward.
 - b. When the speaker is loose, carefully remove it from the opening.
 - c. Disconnect the wires from the terminals.





Mount/Remove the Grilles

The zero-bezel frameless grille is held in place by powerful magnets. To remove the grille, grip the edges and pull away from the speaker.

Paint the Speaker Grilles

Speaker grille painting should be done prior to mounting.

1. Carefully remove the material on the underside of the grilles and set it aside for reinstallation. It may be necessary to use a knife or other sharp instrument to free an edge of the material so that it can be peeled away. Use care to avoid cutting or tearing the material.
2. Dry brush or lightly spray the surface to be painted. Use care to avoid clogging the holes in the grilles.
3. Once the paint is dry, reinstall the material on the underside.

DO Learn More

Visit the website for additional information and the latest firmware updates. To learn more about this product, use a QR reader application on your mobile device to scan the QR image.

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CE As of the date of manufacture, the product has been tested and found to comply with specifications for CE marking.

Federal Communications Commission (FCC) Compliance Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
 (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Industry Canada (IC) Compliance Statement

CAN ICES-3(B)/NMB-3(B)

The specific patents that cover Crestron products are listed at <http://www.crestron.com/legal/patents>.

The product warranty can be found at www.crestron.com/warranty.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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