



MPN: VLSPIW60W

Two-way 6.5" In-wall Speaker

THE BEST CONNECTION YOU'LL EVER MAKE

Speaker Placement

Once installed, speakers are not easily moved or repositioned. Plan the placement carefully before starting installation. Each room is unique, so decide on the optimal placement for your space. Unlike traditional speakers, these flush-mount speakers cannot be angled or tilted back from the listening area toward the corners of a room; the tweeter on these in-wall speakers can be rotated to face any direction in the room.

As a general rule, in-wall speakers should be mounted close to ear level for the listening position, at least one-third of the distance from the corner of the room to the center of the wall/ceiling where you will mount them. Allow a minimum of 30mm of clearance around the cutout to ensure the mounting hardware functions properly. A mounting depth of 110mm (measured from the face of the wall) is also required. Ensure the speaker location and mounting hardware do not conflict with any existing wires or pipes.

Hooking Up The Wires

The terminal accommodates up to 14-gauge speaker wire, which is recommended for longer connections (greater than 20m). For shorter distances, 16 or 18-gauge speaker wire is sufficient. Leave approximately 1.5 meters of extra wire at the speaker end for easier positioning and installation. Do not use staples, nails, or other metal objects to secure the speaker wire, as a short circuit can affect system performance and potentially damage components in your amplifier/receiver.

Route the speaker wire away from other electrical wires and cables to minimize hum interference. When connecting your in-wall or ceiling speakers, polarity is critical—match positive (+) to positive and negative (-) to negative to maintain correct polarity.

Mounting The Speaker

You will need to cut a hole in the wall or ceiling for installation. With the right tools and careful preparation, the installation can be completed quickly and easily.

1. Carefully cut out the hole outlined on the paper template at the perforated edge labeled “CUT HERE FOR MOUNTING TEMPLATE”.
2. Position the template as a frame and trace along the inner edge to mark the cutout. A utility knife will produce the cleanest cuts in drywall; a keyhole saw, electric jigsaw, or drywall saw may also be used.
3. Try to keep the cutout clean and neat, with no rough edges. Insert the speaker into the cutout and leave about 10cm of extra wire at the opening for adjustment.

Attach the speaker wires to the speaker terminals. With the grill removed, insert the speaker into the mounting hole. Use a Phillips head screwdriver to turn the screws clockwise slowly. The quick-mount system and frame will clamp around the wall to secure the speaker—do not overtighten the screws. Consult a professional contractor if you are unsure about the installation process.

Installing The Grill

The metal grill can be painted to match any room decor. If painting, complete this step before attaching the grill to the speaker. The grill is held in place by neodymium magnets. After installation, play audio and check for vibrations (over-tightened screws can cause vibration issues).

SPECIFICATIONS

Frequency response	45 Hz - 20 kHz
Power handling	45 W RMS
Sensitivity	89 dB (1 W / 1 M)
Woofer	6.5" Kevlar cone
Tweeter	1" Titanium dome
Impedance	8 Ω
Speaker depth	93mm
Cut out dimension	286 x 186 mm
Speaker grill dimension	220mm x 320mm (W x H)
Weight	5 kgs

