

AEC80 In-Ceiling Speakers Powered by JBL®

Leviton Architectural Edition®



APPLICATION

When room aesthetics are critical, the AEC65 and AEC80 In-Ceiling Speakers may be used in surround-sound installations. The JBL low-diffraction swivel tweeter makes it easy for the installer to optimize the sound field for a particular room's geometry.

FEATURES

- JBL titanium-laminate drivers maintain musical accuracy and clarity even at frequency extremes
- Straight-line Signal Path™ (SSP™) crossover network for minimal signal distortion
- Long-excursion woofers with butyl-rubber half-round surrounds and extended pole-piece magnetic structures for maximum bass impact and dynamic range
- Low-diffraction, swivel-tweeter mounting system for optimum stereo imaging
- Heavy-duty push-type input terminals for long-term connection integrity
- Integrated dog-ear mounting brackets (optional rough-in kits available for pre-construction installation in new homes)
- Acoustically transparent paintable baffles and grilles

COUNTRY OF ORIGIN

China

PHYSICAL SPECIFICATION

- AEC80 8-inch (200 mm) Two-Way In-Ceiling Loudspeaker
- Driver Complement: 1" (25 mm) titanium-laminate dome tweeter; 8 in (200mm) titanium-laminate woofer
- Frequency Response (-10dB): 32 Hz-20 kHz
- Sensitivity (2.83V/1m): 89 dB
- Power Handling: 100 Watts
- Impedance: Nominal 8 Ohms
- Physical Dimensions and Weight:
 - Diameter: 10.87" (275 mm)
 - Depth: 4.25" (108 mm)
 - Mounting Cutout Size: 9.5" (240 mm) diameter
 - Weight: 5.6 lb/2.5 kg per speaker (sold in pairs)

WARRANTY INFORMATION

For a copy of Leviton product warranties, visit www.leviton.com/warranty.

ORDERING INFORMATION

DESCRIPTION	CAT. NO.
Pair of 8" Two-Way In-Ceiling Loudspeakers, 100 watts, 8 ohms	AEC80-000
8" Pre-Construction Speaker Kit for In-Ceiling Speaker	AEPC8-KIT

Leviton Manufacturing Co., Inc. Global Headquarters

201 N. Service Rd. Melville, NY 11747-3138 Tech Line: 1-800-824-3005 Fax: 1-800-832-9538

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PRE-CONSTRUCTION BRACKET KIT

Cat. Nos.: AEPC8, AEPI6, AEPI8, PCC55

INSTALLATION INSTRUCTIONS

CAUTION: NOTE THAT THIS MANUAL IS WRITTEN WITH THE ASSUMPTION THAT THE INSTALLER POSSESSES SKILL IN THE PROPER USE OF HAND AND POWER TOOLS, AND IS FAMILIAR WITH THE ENVIRONMENT BEHIND THE SURFACE OF THE WALL OR CEILING WHERE THE SPEAKERS WILL BE INSTALLED.

TO INSTALL:

1. Select speaker mounting location. Route speaker cable from source to this location.
Note: We recommend the use of 16/2 (minimum) class 3 speaker wires.
2. Attach wings to back plate of Pre-Construction Bracket (refer to Figures 1A and 1B). Only two wings are required for each back plate. Select the mounting arrangement that best suites your specific application. Note: The wings are designed to be shortened as required.
3. Attach the Pre-Construction Bracket in the desired location to the underside of framing members so that after drywall installation, the bracket and the wings are sandwiched between the drywall and the framing member (ensure "FRONT" is facing into the room) (refer to Figures 1A and 1B). If the mounting area is too congested to use both mounting wings you can drive screws through the back plate directly into the framing member.
4. Loop the speaker wire and attach it to the wire management loops on the back of the bracket.
5. After drywall installation install speakers in holes provided by drywall installer. Follow instructions included in speaker packaging.

Figure 1A – Ceiling Mounting

Use holes to mount bracket with screws to framing stud

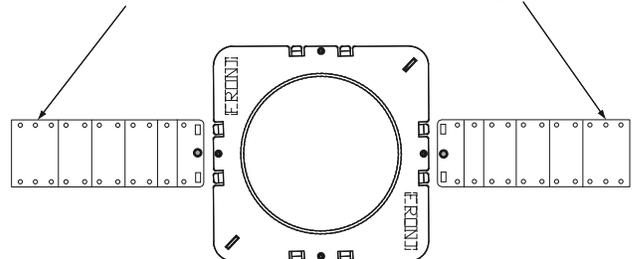


Figure 1B– In-Wall Mounting

Use holes to mount bracket with screws to framing stud

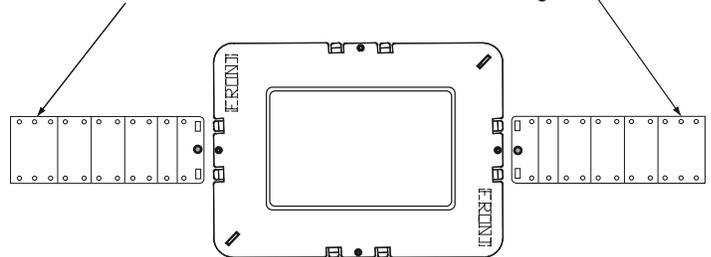
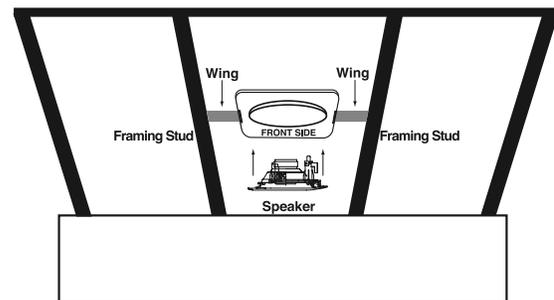


Figure 2 (Ceiling Mounting Depicted)



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