

New Construction Bracket

Installation Instructions

These instructions cover installation of the following RBH® New Construction Bracket Models:

• NCB-5R • NCB-6R • NCB-8R

This package contains the following:

2 ea.	Round plastic mounting ring
4 ea.	Aluminum extension wing/arm
12 ea.	1/4" Screw
8 ea.	1" Roofing nail

These brackets facilitate the easy installation of RBH® brand in-ceiling/in-wall speakers. This kit contains everything necessary to pre-position RBH® speakers during the new construction/renovation process. These brackets serve as a cutout template for drywall installers and a place-keeper for the in-wall speaker.

Step One - Assembly

Determine where each speaker will need to be installed. The ten holes in the mounting ring allow the wings/arms to be slightly rotated for installations requiring different configurations. Attach extension wing/arm onto mounting ring using three (3) 1/4" screws (see figure 1) for each wing/arm, being careful not to overtighten the screws. For proper installation, screws must go through the wing/arm and into matching holes in mounting ring. When using under normal conditions, each assembly should look like the assembly in figure 2.

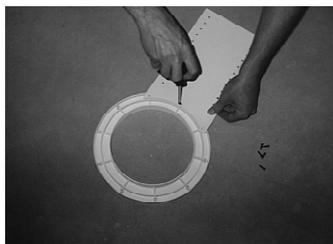


Fig. 1

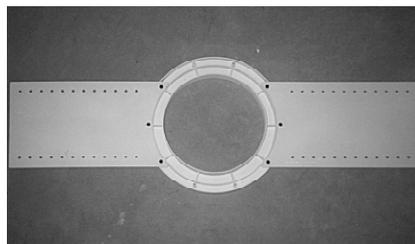


Fig. 2

Step Two - Installation of bracket onto ceiling joists

In one of the locations determined in step one, mount one of the assemblies created in the prior step to the neighboring ceiling joists or wall studs using four 1" roofing nails (see figure 3). **IMPORTANT!** The smooth surface of the ring faces away from the drywall. For correct installation of these brackets, each bracket must resemble figure 3. Two nails are needed to hold each wing/arm in place during drywall installation; using less than two nails for each wing/arm will yield less than desired results. Place speaker wire through speaker wire hole located in the center of the temporary white cardboard drywall installer notice. **ATTENTION!** Do not remove the temporary white cardboard drywall installer notice!



Fig. 3

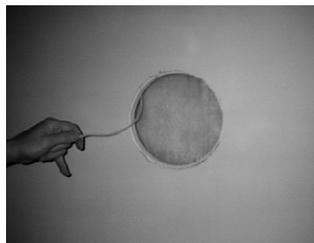


Fig. 4



Fig. 5

Step Three - Installation of in-wall speaker (NOTE: Do not complete this step until after drywall installation)

Remove the temporary white cardboard drywall installer notice and pull speaker wire through the bracket opening (see figure 4). Strip 1/4" of insulation from the tips of each wire and attach to connections on the back of the RBH® speaker making sure to observe proper polarity. Place speaker into drywall cutout hole (see figure 5) and tighten mounting screws using a screwdriver, being careful not to overtighten mounting screws. Adjust tweeter direction as necessary (certain models). Attach grille onto speaker.



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