



#### Step 1

Center the speaker between the ceiling joists. Tap the ceiling for a "hollow sound" or use a stud finder to locate studs.

Trace around the cardboard template with a pencil for your speaker placement. Make sure the speakers are even and level.

**▲ Note: Read step 5 about running wire before deciding on a final speaker location.**



#### Step 2

Drill a small hole in the center outline you just traced.



#### Step 3

Bend a piece of coat hanger wire. Insert the wire into the hole, then slowly rotate to check for any obstructions. If there are any obstructions, patch the hole and relocate the speaker.



#### Step 4

Carefully cut away the outline using a keyhole or drywall saw. Remove the cutout.



#### Step 5

Run the cable from the speaker outputs of your receiver or amplifier to your speakers. Allow a few extra feet of cable. You may also splice together lengths of cable if you have a long distance to cover. Leave enough cable slack to strip the conductors and work on the connections.

## INSTALLATION INSTRUCTIONS IN - CEILING INSTALLATION



#### Step 6

Speaker performance can be enhanced by insulating the cavity with fiberglass insulation.

When installing speakers in a ceiling, it is best to install a sheet of unfaced fiberglass insulation behind and around the back of the speaker.



#### Step 7

Pull the cable slack through the hole in the ceiling and strip off the outer jacket. Strip about 1/2" of insulation off the ends of the wires. Connect the positive wire from the amplifier to the red terminal on the speaker. Connect the negative wire to the black terminal on the speaker.

**▲ Note: Make sure the power is tuned off on your amplifier or receiver before connecting the speakers.**



#### Step 8

Remove the speaker grille by pushing one of the screws towards the front of the speaker. Place the speaker into the cutout in the ceiling.



#### Step 9

Tighten the screws evenly until the speaker is flat against the ceiling.

**▲ Note: If you are using a drill to tighten the screws be sure to set the drill to its lowest torque setting.**



#### Step 10

Reinsert the grill into the speaker baffle.

### PAINTING THE SPEAKERS AND GRILLES

The speakers feature a tough weather resistant ABS finish that may be painted to color match your surroundings. First, remove the grille from the baffle. The driver components must be protected from paint when spraying. Second, insert the supplied paint plug to protect the speaker components during painting. Remove the paint plug when you are finished painting.

The grilles may be lightly sprayed with thin paint (5 parts thinning agent to 1 part paint), but be careful not to plug the holes. Too much paint will adversely affect the sound of the speaker.