

AUVIO™

THE PERFORMANCE YOU NEED

40 W 2-Way In-Ceiling Speaker

Please read this user's guide before using your new speaker.

User's Guide

40-289



Package contents

- Speaker
- Template/paint mask
- User's Guide
- Quick Start

Features

- High quality speaker works well with any speaker system.
- Speaker frame and grille can be painted to blend in with any ceiling.

① Installing the Speaker

Prepare the Location

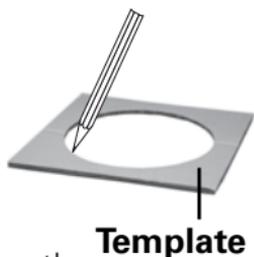
To mount your speaker, you need the following items (not supplied)

- Drywall or keyhole saw
- Wire stripper
- Phillips screwdriver
- Pencil or marker
- 18-20 gauge speaker wire

Be sure the mounting surface is:

- between $\frac{3}{8}$ inch and 1 $\frac{1}{4}$ -inch thick.
- has at least a 2 $\frac{5}{8}$ -inch clearance behind the mounting surface.
- not in front of wall studs or other objects that might block the back of the speaker.

1. Remove the inner cardboard disc from the supplied template/paint mask and keep it for later. Use the outer portion of the mask as a template to mark the cutout hole size and location for mounting the speaker.



2. Use a drywall or keyhole saw to cut the hole.

(Optional) Painting the Grille

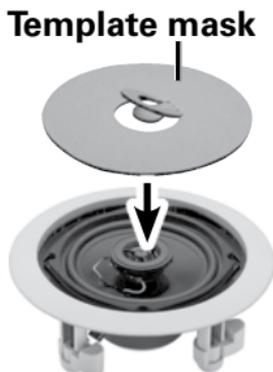
 **Note:** *Do not paint internal speaker components. We recommend you spray-paint the grille so no paint gets in or blocks the holes.*

1. To remove the grille, insert a paper clip into one of the openings and pull up.
2. Remove the dust cloth from behind the grille and replace it after you finish painting.



(Optional) Painting the Frame

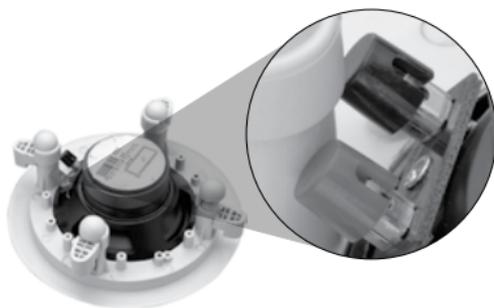
To prevent paint from entering the speaker, remove the grille and insert the supplied cardboard paint mask. After the paint is dry, remove the paint mask and replace the grille.



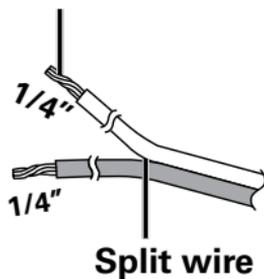
② Connecting speaker wires

Connect the cable leads from the outputs on your amplifier to the input terminal posts on the rear of your loudspeaker cabinet. We recommend you use wire that is color-coded or otherwise marked on to help you connect the wire correctly.

1. Route the speaker wire to the speaker from the amplifier.
2. Separate about 4 inches of speaker wire at each end.
3. Using a wire stripper, remove about $\frac{1}{4}$ inch of insulation from each wire and twist the exposed ends.
4. Connect the positive marked (usually red) wire to a red speaker terminal by pressing the release tab. Insert the wire into the hole and release the tab. Repeat this procedure for the negative marked wire (usually black) and black terminal.



Strip insulation



5. Connect the wire from the red speaker terminal to the amplifier's positive (+) terminal, then connect the wire from the black speaker terminal to the amplifier's negative (-) terminal.

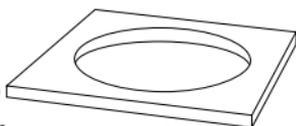


Notes:

- *Avoid routing the speaker wire near electrical wires.*
- *Do not nail, staple, or otherwise puncture the speaker wire.*
- *Before connecting your speaker to an amplifier, make sure the amplifier and all associated equipment is turned off.*
- *Make sure the impedance of the amplifier matches with the speaker.*

③ Mounting the Speaker

1. Remove the grille to expose the mounting screws.
2. Be sure the mounting tabs are turned in, allowing the speaker to fit into the hole. Then insert the speaker into the mounting hole.
3. Use the supplied screws to tighten the mounting tabs to the wall or ceiling. Be careful not to overtighten.
4. Replace the grille.



Mounting tabs





Note: When removing the speaker from the wall or ceiling, loosen the screws just enough to remove the speaker. This will prevent loss of the mounting tabs behind your wall.

Maintenance

- Keep the amplifier's volume at the low position when you first turn it on to avoid damaging the speaker.
- Do not use overrating power, otherwise sound quality can be destroyed and loudspeaker drivers can be damaged.
- Clean your speaker with a soft cloth to avoid damaging your loudspeaker.

Specifications

| | |
|--------------------------------|----------------------------------|
| Power handling (RMS/MAX) | 20W RMS/40W Max |
| Impedance | 8 ohms |
| Woofer | 5.25 in(13.3cm) |
| Tweeter | 1 in (2.5cm) |
| Sensitivity | 85dB+/-3dB @ 1W 1M |
| Dimensions (W×H×D) | 8 × 8 × 3.1" (202 × 202 × 80 mm) |

Specifications are subject to change and improvement without notice. Actual product may vary from the images found in this document.

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