

## Installing the Vaddio Ceiling-Mounted Speaker

This guide contains information on installing the Vaddio Ceiling-Mounted Speaker, a 2-way enclosed speaker designed by Vaddio.



### Features

- High-performance metalized polypropylene cone woofer with doubled neodymium magnet assembly for increased efficiency
- Butyl rubber woofer driver surround for longevity
- Coaxially located damped poly cone tweeter, rigidly affixed to woofer magnet structure
- Ceiling or wall installation
- Removable Phoenix-style signal connection plug
- Convenient swivel-out mounting tabs
- Recessed cable cavity with pivoting cover and wiring clamp
- Lightweight aluminum tile brace for US (24 in.) or Euro style (60 cm) ceiling tiles
- Tile brace includes corner holes for additional safety wires or leveling hangers
- Texture painted steel enclosure with safety loop
- 27 in. (68.6 cm) stainless steel safety cable with steel carabiner clips
- White painted metal grille with easy magnetic installation

### Specifications

Power	40 W	Body Diameter	7.2 in. (182.9 mm)
Characteristic Impedance	8 ohms	Height	6 in. (152.4 mm)
Installed Weight	6.4 lb. (2.9 kg)	Grille Diameter	8.6 in. (218.4 mm)

### What's in the Box

Make sure you received all the items you expected.

#### Vaddio Ceiling-Mounted Speaker (worldwide) – 999-85600-000

- Vaddio Ceiling-Mounted Speaker with detachable grille, qty. 2
- Euro-style 4-pin audio connector, qty. 2
- Tile brace, qty. 2
- 27 in. (68.6 cm) stainless steel safety cable with steel carabiner clips, qty. 2
- Installation Guide

Contact Vaddio Technical Support if you did not receive all the items listed.

Find full product documentation on the applicable product page(s) at [legrandav.com](http://legrandav.com).

### Preparing for a Successful Audio Installation

Tips for avoiding common audio problems:

- To prevent audio feedback, ensure that speakers are more than 4 ft. (1.2 m) from any microphone. More separation is better.
- Range is comparable to Vaddio ceiling microphones. Two speakers provide good coverage for a small conference room; larger spaces may require more speakers.

## Tools You Will Need

To install the speaker, you will need:

- Hole saw for the appropriate type of ceiling
- #2 Phillips screwdriver
- Wire cutters
- Tape measure
- Ladder or lift
- Appropriate personal protective equipment

We recommend Chief's "Speed Connect Hardware Kit," part number CMSHDW, to suspend the included tile brace with safety wires.

## Don't Void Your Warranty!

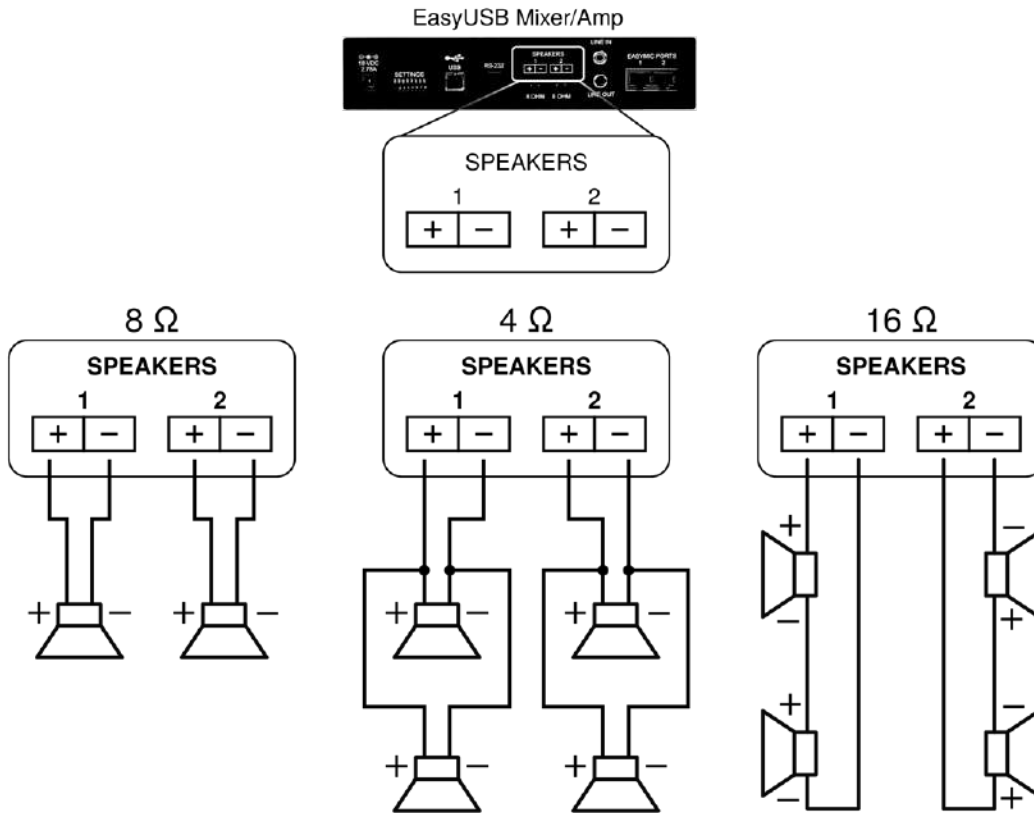
### Caution

*This product is for indoor use. Do not install it outdoors or in a humid environment without the appropriate protective enclosure. Do not allow it to come into contact with any liquid.*

*Do not install or operate this product if it has been dropped, damaged, or exposed to liquids. If any of these things happen, return it to Vaddio for safety and functional testing.*

## Basic Connections

Connect the speaker(s) to the room system through an amplifier, such as the Vaddio EasyUSB Mixer/Amp.



## Preparing the Ceiling

### **Warning**

*Follow standard safety practices when using ladders or lifts. Failure to do so can result in injury or death. We like you, we don't want you to be injured or killed, and we hope you understand the gravity of the situation.*

### **Note**

*All above-ceiling work must conform to local building codes and should be performed by qualified personnel.*

### **If installing in a hard ceiling:**

Using the tile brace as a template, make a hole in the ceiling where the speaker will be mounted.

### **If installing in a suspended tile ceiling:**

1. Remove the ceiling tile where the microphone will be mounted, and make a hole in the ceiling tile using the tile brace as a template.
2. Reinstall the ceiling tile and position the tile brace.
3. Optional but recommended: Secure the tile support brace to the building structure using appropriate hardware such as Chief's "Speed Connect Hardware Kit," part number CMSHDW. The ends of the tile brace have holes to accommodate support wires.

## Installing the Speaker

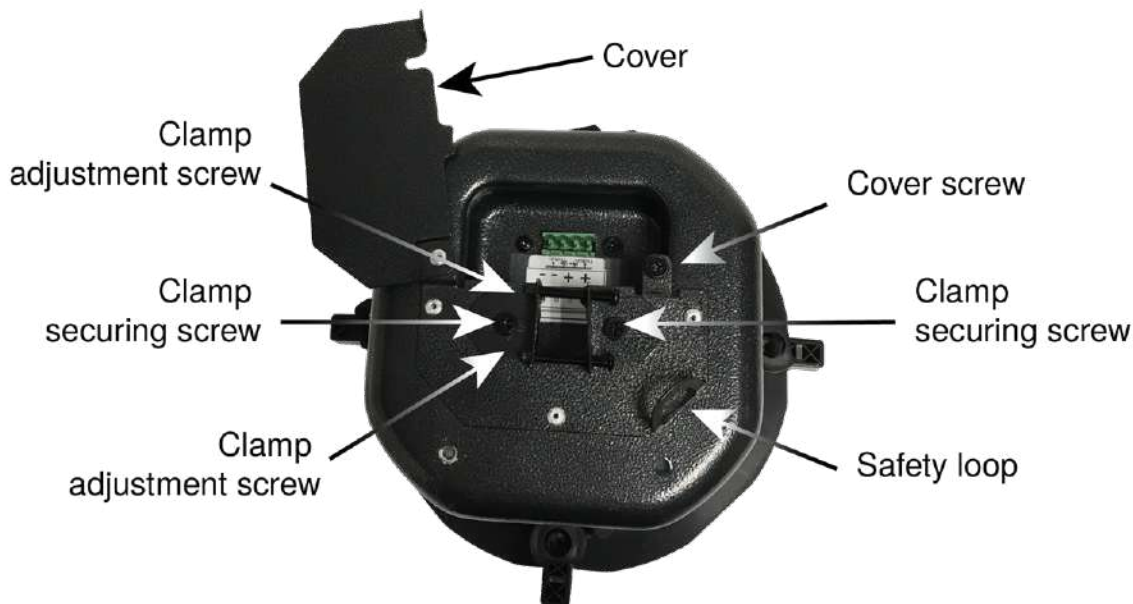
1. Remove the magnetically attached speaker grille.
2. Guide the speaker up through the hole in the ceiling.
3. Turn each of the four Phillips screws in the front face of the speaker a quarter-turn to rotate the mounting tabs into place, securing the speaker.



4. Put the speaker grille back in place.

## Connecting the Cable

1. Attach the 27-in. (68.6 cm) safety wire to the safety loop on the back of the speaker and to a suitable anchor point.
2. Loosen the screw holding the connector cover in place, and pivot the cover outward.
3. Loosen the screw securing each side of the cable clamp to the speaker body, and loosen the two long clamp adjustment screws.



4. Route the speaker cable through the cable clamp and connect it.
5. Tighten the clamp adjustment screws until the cable is held securely in the clamp. Then tighten the screws securing the clamp to the speaker body.
6. Move the connector cover back into place and tighten the screw.

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