



OSD Audio ACE600ST Trimless Ceiling Speaker User Manual

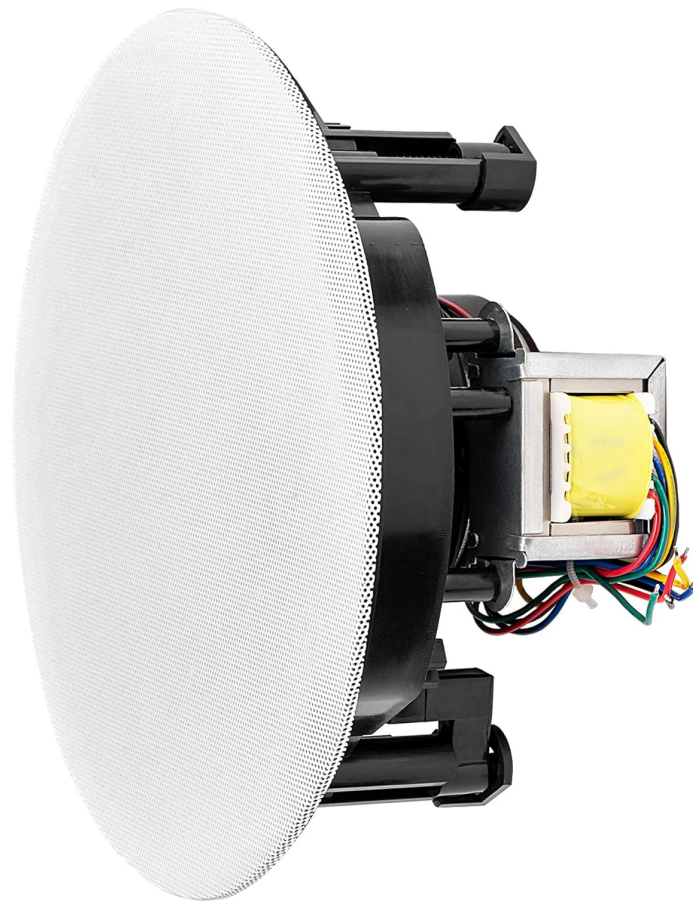
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OSD Audio ACE600ST Trimless Ceiling Speaker



Preparation

Tools For Installation

- Pencil
- Drill
- Tape Measure
- Wire Cutter
- Phillips Screwdriver
- Utility Knife
- Safety Eye Wear
- Gloves
- Sandpaper

Considerations

- Where is the best place to install the speakers?
- Where do the speakers sound the best?
- Separate the speakers 6 – 10 feet apart.

Speaker Wire Guide

- 18AWG minimum – for distances up to 10 ft
- 16AWG – from 10 to 50 ft

- 14AWG – from 50 to 100 ft

Installation

Cut Out *NOTE: This is the most important part of the entire installation.* If you are not certain whether any obstructions exist behind the desired mounting area, you should start by cutting a small hole in the center of your penciled mounting hole with a drywall saw. Trace along the included template. Cut along the traced line using a drywall saw or rotary drill. Use a piece of sandpaper to sand down the cut out edge for a smoother contour. (See Diagram 1.)

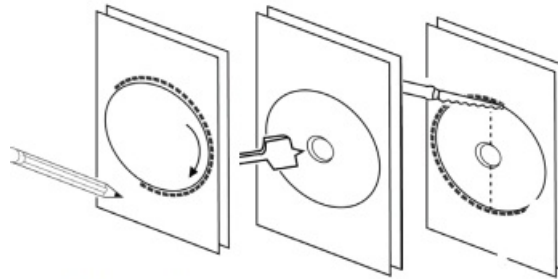


Diagram 1

Mounting Tighten the mounting brackets by simply turning the screws on the front of the speaker baffle slowly clockwise. The quick-turn mounting system and frame will “sandwich” or clamp around the dry-wall to hold the speaker securely in place once fully tightened to the locked position. (See Diagram 2.)

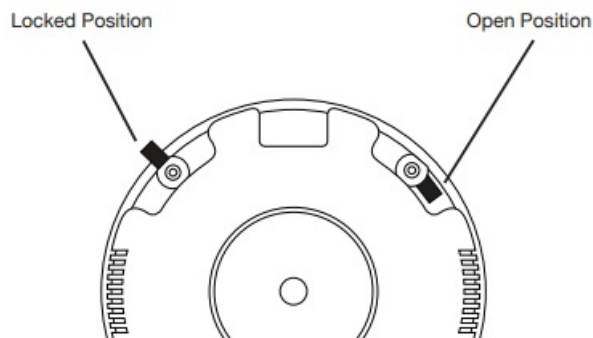


Diagram 2

Connection When connecting any speakers to the amplifier always make sure the power is off. Locate the connection terminals on the back of your amplifier. Always make sure to connect audio out from the back of your amplifier to the speakers. (See Diagram 3.)

NOTE: Not all Amplifiers can safely play more than one pair of speakers at once. Please refer to your amplifier owner’s manual for impedance and wattage compatibility.

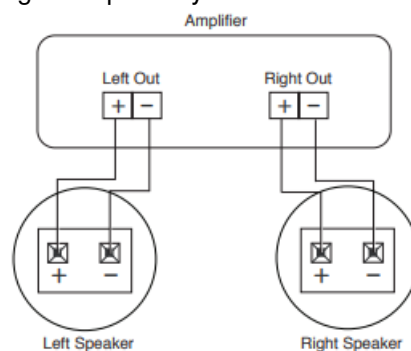


Diagram 3

Specs

- 6.5" Trimless 70V Commercial Ceiling Speaker
- Woofer: 6.5" PP Cone with Rubber Surround
- Tweeter: 1/2" PEI Dome
- Power: 100W
- Sensitivity: 89 db 1w/1m
- Frequency: 50Hz-20kHz
- Impedance: 8 Ohms/ 70V
- Transformer Settings: 20W/ 20W/ 5W/ 2.5W & 8 Ω
- Diameter & Depth: 9.125" x 3.5"
- Cutout Diameter: 7.95"

WARRANTY

All OSD Audio speaker products have a (10) Year Limited Warranty against defects in materials and workmanship. Proof of purchase must accompany all claims. During the warranty period OSD Audio will replace any defective part and correct any defect in workmanship without charge for either parts or labor. OSD Audio may replace returned speakers with a product of equal value and performance. In such cases, some modification to the mounting may be necessary and are not OSD Audio's responsibility.

For this warranty to apply, the unit must be installed and used according to its written instructions. If necessary, repairs must be performed by OSD Audio. The unit must be returned to OSD Audio at the owner's expense and with prior written permission. Accidental damage and shipping damage are not considered defects, nor is damage resulting from abuse or from servicing performed by an agency or person not specifically authorized in writing by OSD Audio.

OSD Audio sells products only through authorized dealers and distributors to ensure that customers obtain proper support and service. Any OSD Audio product purchased from an unauthorized dealer or other source, including retailers, mail-order dealers, and online sellers will not be honored or serviced under the existing OSD Audio warranty policy. Any sale of a product by an unauthorized source or other manner not authorized by OSD Audio shall void the warranty on the applicable product.

Damage to or destruction of components due to the application of excessive power voids the warranty on those parts. In these cases, repairs will be made on the basis of the retail value of the parts and labor. To return for repairs, you must email customer service at RMA@audiogeargroup.com for a Returned Merchandise Authorization (RMA) number# then the unit must be shipped to OSD Audio at the owner's expense, along with a note explaining the nature of service required. Be sure to pack the speaker(s) in a corrugated container with at least 3 inches of resilient material to protect the unit from damage in transit.

This Warranty Does Not Cover:

- Damage caused by abuse, accident, misuse, negligence, or improper operation (installation)
- Any products that have been altered or modified
- Any product whose identifying number or decal, serial #, etc. has been altered, defaced or removed
- Normal wear and maintenance.

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FAQs

Where is the best place to install the OSD Audio ACE600ST Trimless Ceiling Speaker?

The best place to install the speaker depends on your specific needs and the layout of the room. Consider factors such as sound quality and coverage when choosing the installation location.

How should I separate the speakers when installing multiple OSD Audio ACE600ST Trimless Ceiling Speakers?

It is recommended to separate the speakers 6 to 10 feet apart for optimal sound distribution in the room.

How do I mount the OSD Audio ACE600ST Trimless Ceiling Speaker?

Tighten the mounting brackets by turning the screws on the front of the speaker baffle clockwise. The quick-turn mounting system and frame will secure the speaker in place against the drywall.

How should I connect the OSD Audio ACE600ST Trimless Ceiling Speaker to my amplifier?

Ensure that the power is off when connecting the speakers to the amplifier. Locate the connection terminals on the back of your amplifier and connect the audio out to the speakers.

Are there any considerations for using multiple speakers with my amplifier?

Not all amplifiers can safely play more than one pair of speakers simultaneously. Refer to your amplifier's owner's manual for impedance and wattage compatibility.

Does the OSD Audio ACE600ST Trimless Ceiling Speaker come with a warranty?

Yes, the OSD Audio ACE600ST Trimless Ceiling Speaker comes with a (10) Year Limited Warranty against defects in materials and workmanship. Proof of purchase is required for warranty claims. Please refer to the provided warranty information for details.

Is there any specific maintenance required for the OSD Audio ACE600ST Trimless Ceiling Speaker?

Normal wear and maintenance are not covered under the warranty. However, it is essential to follow the care and maintenance instructions provided in the documentation to ensure the longevity and performance of the speaker.

Where can I purchase the OSD Audio ACE600ST Trimless Ceiling Speaker?

OSD Audio products are sold through authorized dealers and distributors. Ensure that you purchase from an authorized source to receive proper support and service and to honor the warranty.

Can I install the OSD Audio ACE600ST Trimless Ceiling Speaker myself, or do I need professional installation?

The OSD Audio ACE600ST Trimless Ceiling Speaker is designed for easy installation. If you have experience with DIY projects and follow the provided instructions carefully, you can install it yourself. However, if you are unsure, professional installation is recommended to ensure proper placement and wiring.

Can the OSD Audio ACE600ST Trimless Ceiling Speaker be used for both commercial and residential purposes?

While it is primarily designed for commercial applications, the OSD Audio ACE600ST can also be used in larger residential spaces where high-quality audio and ceiling-mounted speakers are desired.

What is the 70V/8 Ohm capability of this speaker, and how does it affect its performance?

The OSD Audio ACE600ST has a 70V/8 Ohm capability, which means it can handle both 70-volt audio systems commonly used in commercial installations and 8-ohm systems found in standard home audio setups. This versatility allows it to be used in various audio setups without compromising performance.

Can I paint or customize the appearance of the OSD Audio ACE600ST Trimless Ceiling Speaker to match my ceiling décor?

Yes, the OSD Audio ACE600ST features a trimless design that blends into ceiling surfaces. You can paint the speaker grille to match your ceiling color or decor to make it less noticeable.

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