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by OPTIMAL SPEAKER DESIGN

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TREVOCE **EQ SEIRES** SUBWOOFER INSTALL GUIDE

TREVOCE15 **EQ** | TREVOCE12 **EQ**



Thank you for buying the latest version of our most popular subwoofer.

The additional upgrades we have made make this the best all-round sub in our history. Incorporated in the Trevoce EQ Series is the new native EQ. The native EQ has allowed us to extract the maximum bass extension possible from our design. This allows the full range of musical instruments and special effects to be reproduced. The Trevoce EQ Series does this all without any increase in the size of the sub. Our Trevoce subs offer the smallest footprint you will find in triple driver designs.

Installation Precautions:

Before installing

Before connecting your subwoofer, make sure all equipment is switched off and that voltage switch is set to your country's voltage. Do not connect the subwoofer power supply cable before completing all connections.

Features:

World Class Digital Amplifier Technology

The TreVoce Series powered subwoofer incorporates the latest digital amplifier technology to maximize performance while generating very little heat. In standby mode, the unit consumes less than 0.5 watts, making it one of the greenest solutions available.

Tuned System Performance

Rear mounted volume control, low pass crossover, phase control ensure optimal system integration and built-in native EQ ensures the deepest bass frequencies.

Cabinet

An attractive furniture quality solid cabinet with 'leather' finish, provides the foundation for high sound quality and clarity.

Connection & Controls

1. High Level Inputs

Use for Left/Right connection from speakers.

2. Line Level Input

Use for Left/Right connection from subwoofer-out, or line-out, on amp/AVR.

3. LFE Input

Connect to the LFE output on the Receiver/Processor.

4. Balanced XLR Input

For lower noise connection if available.

5. Power LED

(Red) Standby Mode - (Blue) Power Mode ON

6. Power Mode Switch

Set the power mode (OFF, AUTO, or ON)

7. Phase Switch

Allows you to set the phase of the woofer 0-180°

8. Crossover Control

Adjusts the subwoofers frequency output output to match main speakers

9. Volume Control

Adjusts subwoofer volume level.

10. Voltage Switch

Select input voltage. Default: 110-120V or 220-240V

11. Master Power Switch

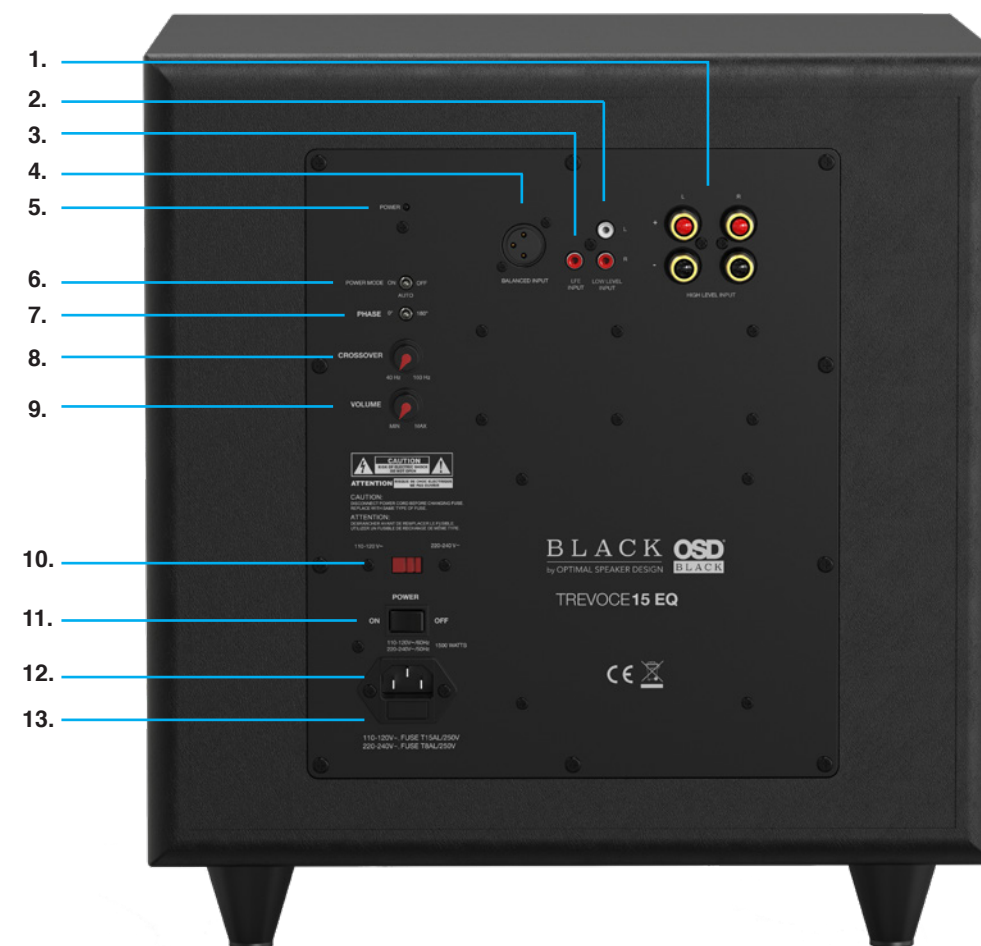
Controls the main power to the subwoofer

12. AC Power Cord

Connect the included AC power cord.

13. Fuse Holder

Master Power Fuse. Includes spare fuse inside holder.



Settings & Controls

Setting the Power Mode

ON Mode:

If the subwoofer is set to ON mode, it will always be ready to play. However, undesired noise from interference or connections changing may be heard. Use the standard ON mode only if needed, set the power switch to OFF when not in use.

AUTO Mode:

Setting the switch to AUTO enables AUTO Sense. The subwoofer turns ON and OFF automatically in response to signal input. The subwoofer will enter standby mode if no signal is sensed for longer than 15 minutes.

Set the MODE switch to the ON position for setup.

After making all the connections, setup your subwoofer using the following steps:

1. Plug the subwoofer into an electrical outlet using the included power cord. The status LED will illuminate solid blue when power is present and the subwoofer is ON.

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2. Set the controls and switches to their initial setup positions:

VOLUME set the dial to 50% or 12 o'clock

CROSSOVER adjust the upper frequency limit. The purpose is to control the overlap the upper frequencies of the subwoofer and the main speakers lower frequencies. Check your main speakers specs to determine their low-end limit.

PHASE set to 0°

3. Play a movie scene or soundtrack and set the system volume to an average level. Listen to the bass level from your favorite listening position and adjust the volume accordingly.

4. Continue listening to your favorite source track and experiment with the phase control until you find the best setting for you. Depending on the location of the subwoofer the bass may sound louder and deeper when the phase has been optimized. In some cases adjusting the phase will have no audible difference.

5. Initial setup is now complete.

Specifications

Spec	TreVoce15 EQ	TreVoce12 EQ
Power	1000W RMS 2000W Peak	375W RMS 750W Peak
Active Woofer	15" Graphite Paper Cone	12" Graphite Paper Cone
Passive Woofer	Dual 15" Glass Fiber Cone	Dual 12" Glass Fiber Cone
Frequency	16 -160 Hz ±3dB	18 -160 Hz ±3dB
Phase	0-180°	0-180°
Voltage	100-120V AC / 220-240V AC	100-120V AC / 220-240V AC
Inputs	Hi Level / Low Level / LFE	Hi Level / Low Level / LFE
Dimensions	(WxHxD) 19.3 x 19.3 x 19.3 in	(WxHxD) 16 x 15.4 x 15 in
Weight	98 lbs	46 lbs

Warranty Information

All Optimal Speaker Design powered subwoofer products have a 2 Year Limited Warranty against defects in materials and workmanship. Proof of purchase must accompany all claims. During the warranty period Optimal Speaker Design will replace any defective part and correct any defect in workmanship without charge for either parts or labor. Optimal Speaker Design 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 Optimal Speaker Designs 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 Optimal Speaker Design. The unit must be returned to Optimal Speaker Design at the owner's expense and with prior written permission. Accidental damage and shipping damage are not considered defects, nor is damaged resulting from abuse or from servicing performed by an agency or person not specifically authorized in writing by Optimal Speaker Design

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

Damage to or destruction of components due to 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 Optimal Speaker Design 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 of decal, serial #, etc. has been altered, defaced or removed • Normal wear and maintenance.