



ACOUSTIC SERIES SUBWOOFER INSTALL GUIDE



Unpacking:

Open the box and carefully remove all staples, then remove subwoofer.

If you notice any defects on any elements during the unpacking process, contact your dealer.

Before disposing the packaging, check that nothing is left inside.

Installation Precautions:

Before installing

Before connecting your subwoofer, make sure all equipment is switched off. Do not connect the subwoofer power supply cable before completing all connections.

Moving the unit

Always disconnect the power supply cable and any audio cables connected to the subwoofer before moving it. This will prevent a short circuit or damage to any plugs or connecting cables.

Before switching the unit on

Double check that all connections are correct and that the volume is turned all the way down.

Placement

Place the subwoofer in a cool area with sufficient ventilation. Avoid placing in damp area or areas exposed to excessive sunlight or heat.

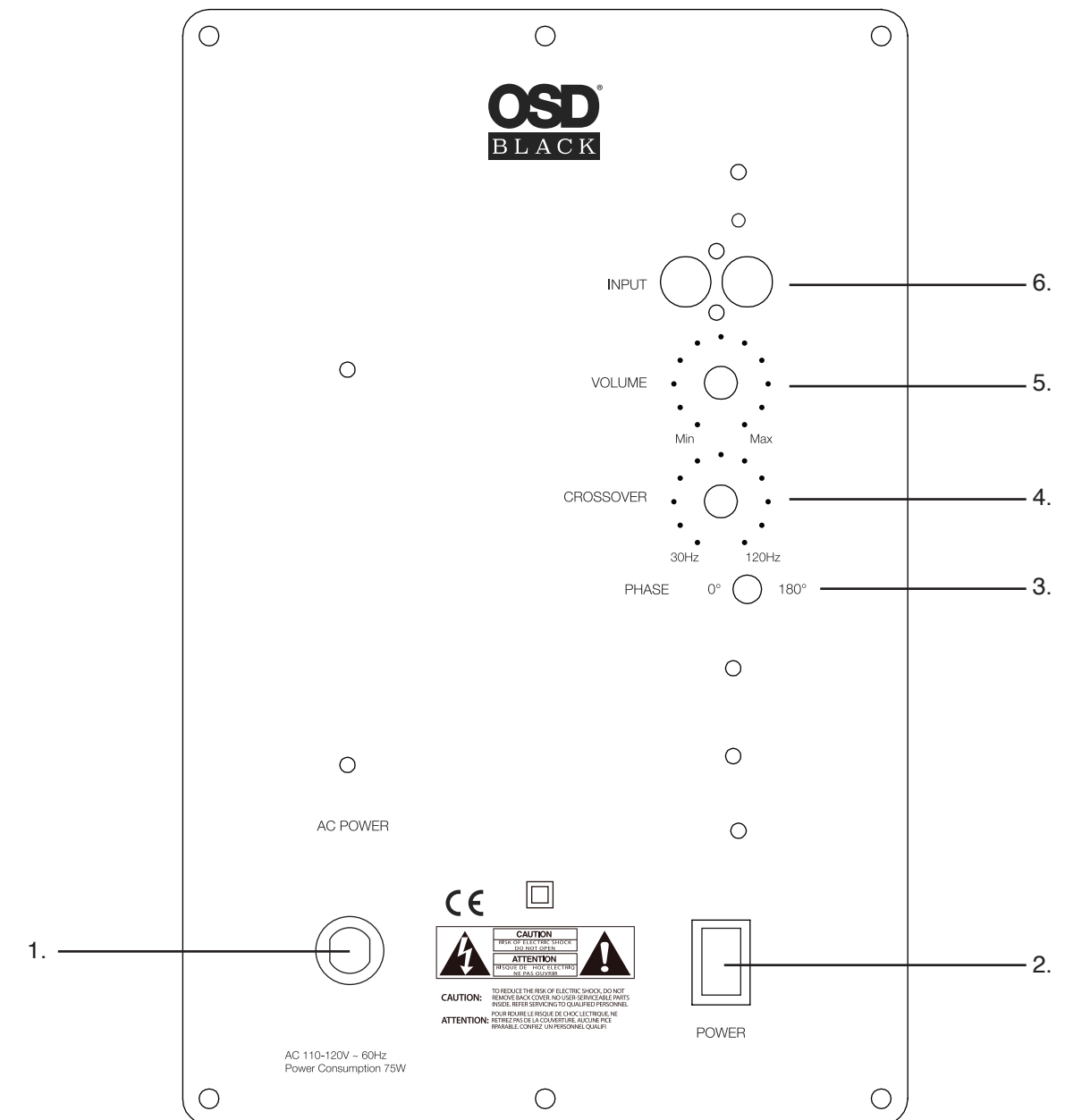
Recycling

Your product contains valuable materials that can be recovered and recycled.



Back Panel Description

1. Power plug
2. ON / OFF
3. Phase inversion button 0-180°
4. Crossover control
5. Volume control
6. Inputs

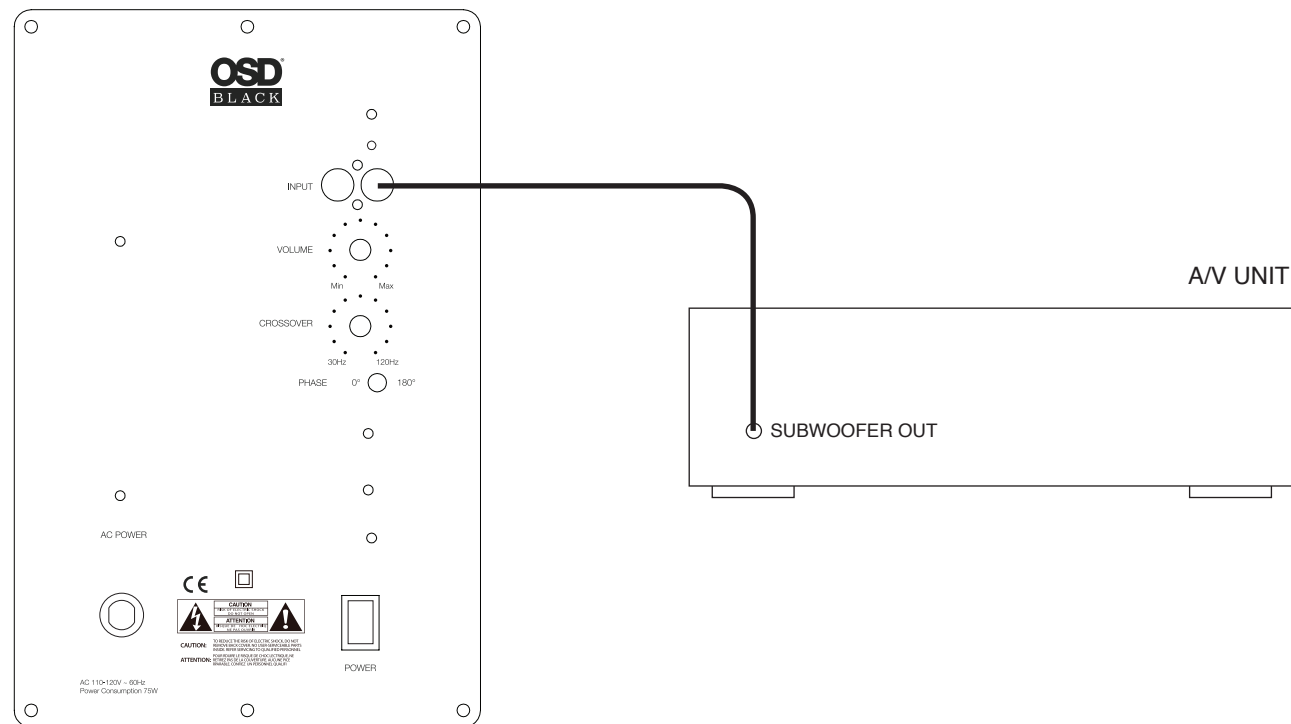


Connections

Before connecting your subwoofer, make sure all equipment is switched off. If you have any doubts about connecting your subwoofer, we recommend you contact your local authorized dealer.

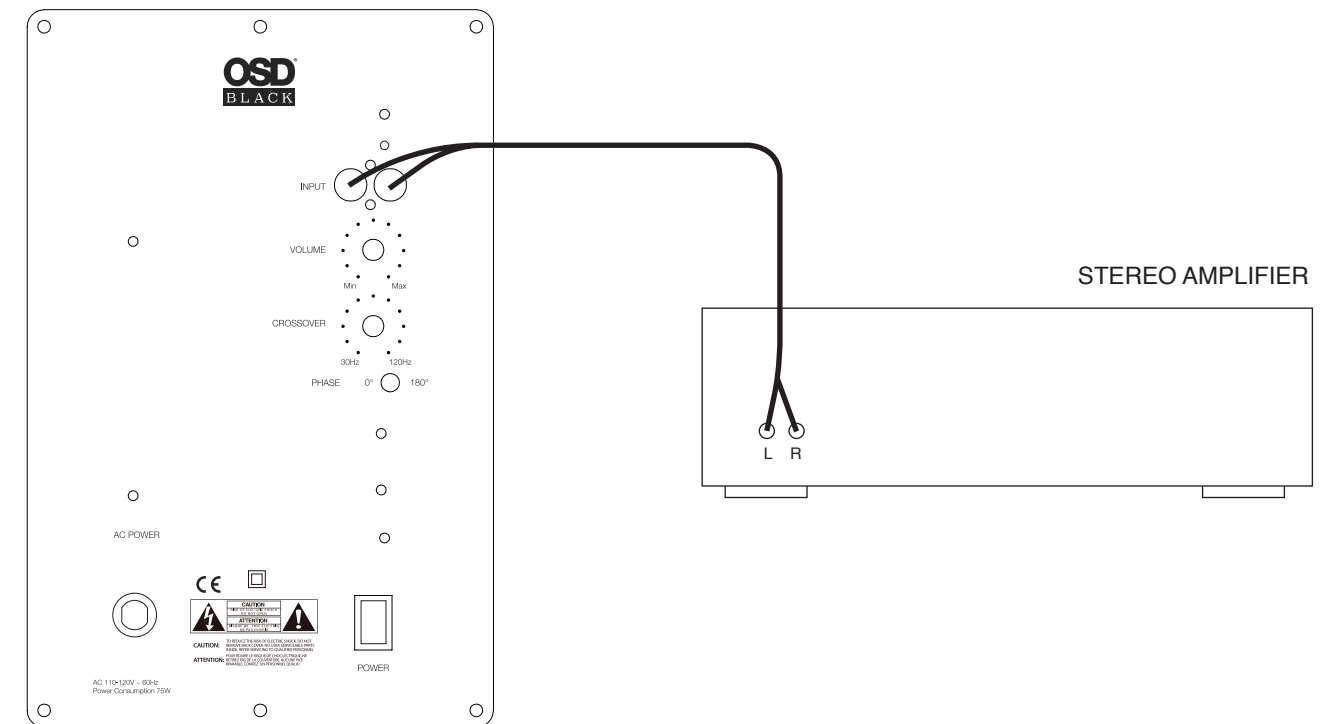
Connecting To A Multi-Channel A/V Amplifier

Use the SUBWOOFER OUT on the back of the A/V unit (RCA connectors) to connect it to one of the two inputs on the back of the subwoofer as shown below.



Connecting To A Stereo Amplifier

Use the PRE-OUT (L+R) output on your pre-amp or stereo amplifier (see owners manual) and connect then to the inputs on the subwoofer as shown below.



Powering ON

Powering ON should be carried out as follows:

- Check that all connections are correct and that the volume of your amplifier is set to minimum.
- Connect the power plug.
- Switch the ON/OFF switch to ON, the blue LED on the front panel will light up.
- Adjust the volume, frequency and phasing (see Settings).
- The standby is done automatically if no signal is received for 15 minutes, the LED on the front panel becomes red.

NOTE: Cut off the power supply of the subwoofer by using the power switch when it is not in use for several days.

Positioning And Settings

Position your subwoofer in the forward listening zone (if possible between the two main speakers) for a better sound resolution.

This subwoofer can be used with any type of loudspeakers.

The ideal setting should correspond to a realistic reproduction of the bass and be adjusted to compliment your main loudspeakers. You should not feel the subwoofer, the bass should appear to come from main speakers.

The phase inversion switch can be used to reach the best result possible. This switch is used to invert the phase of the sound signals coming from the subwoofer. Depending on the placement of the subwoofer in the room in relation to the main speakers, inverting the subwoofer phase can lead to a better coherence to the systems global response in the bass frequencies.

We recommend you to carry out various tests until finding the setting which suits you the best. Use a recording you know well and study the result according to your taste and expectations.

Troubleshooting

If the equipment fails to operate correctly, check the points below. If the problem continues, a malfunction may be possible. Disconnect the power supply immediately and contact your dealer.

PROBLEM	CAUSE	SOLUTION
The subwoofer is not working	There is no power supply to the subwoofer	Check these points in order: - If the power supply cable is connected - If the power plug is working
No sound is coming from the subwoofer	There is no input signal to your subwoofer	Check these points in order: - If the is correctly connected to the amp - If the A/V or stereo amplifier is turned on - If your A/V or stereo amplifier has a working source of sound (CD, DVD, etc..)
The level of sound is weak, although the subwoofer volume is at maximum	Incorrect adjustment of A/V amplifier	Check the subwoofer setting at the A/V amplifier (see owners manual)



Specifications

Spec	ACOUSTIC 10	ACOUSTIC 12
Power	200W	300W
Woofers	10"	12"
Frequency	38-120 Hz	30-120 Hz
Phase	0-180°	0-180°
Input	L&R Low Level	L&R Low Level
Dimensions	13.5 x 14 x 15"	15.5 x 15.5 x 15.5"
Weight	19.5 lbs	27 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@osdaudio.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.

