



ORIGIN®
ACOUSTICS

Installation Manual

Basic V10 Subwoofer

Model: | SUBV10



Introduction

Thank you for purchasing an Origin Acoustics subwoofer. Properly set up, your subwoofer will provide the most thrilling sub-bass experience possible. This manual will familiarize you with its connectivity and adjustment features while guiding you towards maximizing its performance. Please read it carefully, and keep it handy for future reference.

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Before You Begin

Please make sure the following items are included with your subwoofer:

- 1 AC Power Cord
- 4 Rubber Feet (attached)
- 1 Protective Cloth Grille (attached)

If any of the above items are missing, please contact your dealer immediately.

Verify the power switch is in the OFF position before making any connections; when making connections, make them securely. Failure to do so may result in noise, poor performance, or damage to connected equipment.

Cleaning and Care

Take care not to scratch the fine finish of your subwoofer. Do not place hard irregularly shaped objects on or abutting your subwoofer. Clean with a soft cloth and a furniture cleaner or rubbing alcohol.

Do not touch or tap on the aluminum cone while the subwoofer is operating. This can permanently mar, damage or dent the cone.



Subwoofer Placement

Though your Origin Acoustics subwoofer will provide high-quality, high-impact bass from a wide variety of locations, its placement in the room can greatly affect its performance. Thankfully, our ears have a hard time localizing where bass frequencies originate from, which makes subwoofers noticeably more placement-flexible than full-range speakers. Following these general guidelines—along with some fine-tuning and experimentation—will maximize your subwoofer’s performance potential.

Proximity to Main Channel or Front Speakers

Start by placing your subwoofer on the floor and along the same wall as your front speakers so that it is between one of these speakers its adjacent sidewall. If possible, limit the distance between your subwoofer and speaker so that they are no more than 6 - 8 feet away from each other. This will help create a better blend between your subwoofer and the main channel speakers, resulting in a more uniform soundstage and improved imaging qualities.

Proximity to a Wall or Corner

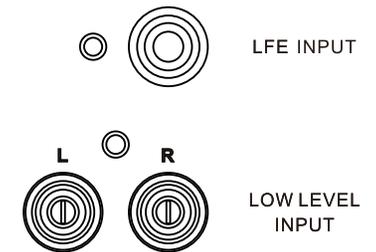
If space allows, try experimenting with boundary loading your subwoofer: It can significantly increase bass impact, lower cone excursion, and power demands. Placing it near a wall increases bass output; placing it in a corner maximizes output; placing it too far from room boundaries will sound uneven and lacking in impact. Once you have found a good, general location, try fine-tuning the sub’s placement by moving it in small increments, using program material containing even and consistent bass. Moving the sub a few feet in any direction can make a profound difference; listen for the position that provides the best combination of deep bass impact, clarity, and evenness.

Subwoofer Connections and Controls

IMPORTANT: DO NOT PLUG THE POWER CORD INTO THE WALL OUTLET UNTIL ALL SUBWOOFER CONNECTIONS HAVE BEEN MADE AND VERIFIED.

LFE Input

If you are connecting your subwoofer to a surround receiver, amplifier, or processor, run a dedicated RCA-terminated subwoofer cable from the component’s output jack (usually marked SUBWOOFER OUT or LFE OUT) to the input jack on your subwoofer labeled LFE INPUT. To minimize noise, a shielded cable is preferred for this type of connection.



Low Level Input

If you don’t have a dedicated subwoofer output on your receiver or amplifier, you can use your receiver’s left and right channel pre-amp outputs. In this instance, you’ll want to connect to the subwoofer’s left and right low level inputs.

Note: If you are using two subwoofers, and your amplifying component does not have dual subwoofer outputs, use a ‘Y’ connector at the single output to connect two subwoofer cables, one cable for each sub.



On/Off/Auto Switch

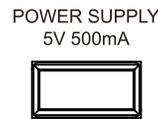
Once all of your subwoofer connections have been made, flip the power switch to its 'ON' position, i.e. with the number "1" on the switch pressed in. The indicator light next to the three-position switch should now illuminate red.



Move the three-position switch on the rear panel from its 'OFF' position into its 'ON' or 'AUTO' position. If your subwoofer is set to ON, the indicator light should illuminate green. In the AUTO position, the indicator will turn from red to turn green once it receives a signal.

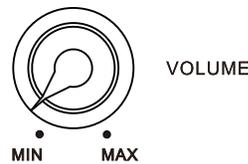
USB Port

There is a 5V USB port on the back to use for powering a wireless adapter. (Wireless adapter not included.)



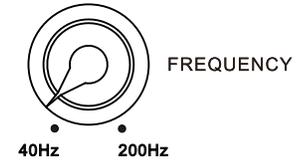
Volume Control

With the knob labeled VOLUME, you can adjust how loud the subwoofer is. (This is sometimes referred to as adjusting the gain or level.) If the component sending signal to your subwoofer has its own bass management features, this knob can be set somewhere in the middle of its range so that the subwoofer's output level is controlled by your surround receiver, amplifier, or processor.



Frequency Control

The second knob, labeled "FREQUENCY," sets the subwoofer's internal crossover frequency, which is adjustable between 40Hz and 200Hz. This frequency setting determines the upper limit of the subwoofer's usable bass output; thus, for an 80Hz setting, the subwoofer's operating range extends from this frequency down to its usable low frequency limit.



Properly setting the crossover ideally results in a smooth transition from the low-frequency limit of your main speakers to the upper limit set by your subwoofer's crossover control. Usually, this can be achieved by setting the knob to the -3dB, low frequency roll-off response specified for your main speakers (check your main speakers' manual for this specification).

FOR EXAMPLE: If your main speakers have a frequency response rating of "80Hz - 20kHz, +/-3dB," the -3dB, low frequency roll-off point would be 80Hz. Therefore, set your subwoofer's crossover frequency to 80Hz as a starting point. You may wish to further fine-tune the bass blend between your main speakers and your subwoofer by ear, listening for the smoothest bass that is devoid of any significant peaks or valleys in its overall response—i.e., without too much or too little bass at certain frequencies.

Note: This control is bypassed when using the LFE input on your subwoofer.



Phase Switch

The switch labeled PHASE adjusts the phase of the subwoofer's output waveform in relation to your main speakers. When the subwoofer's PHASE switch is in the 0 position, the cone will have a forward excursion in tandem with the sound signal (i.e., it will push out with the positive half of the sound wave); when the switch is in the 180 position, the woofer cone will have a reverse excursion in the opposite direction of the signal (it will move inward). Depending on your room and speaker placement, one switch position may be preferable.



The preferred switch position can depend on a variety of factors, such as your subwoofer's proximity to your front speakers, where it is located in your listening area, etc. Try flipping the PHASE switch while listening to music with obvious and consistent bass content. Determine which position yields the most bass. If this setting results in too much bass, adjust the VOLUME control. It is best to evaluate this while sitting in your main listening position while someone else is flipping the switch. Leave the switch in the position that sounds best.

Note: If you're using a surround receiver, processor, or amplifier that includes bass management functions (such as speaker distance settings) or an auto set up program, using this feature is not necessary; leave the switch in the 0 (up) position.

Troubleshooting

If possible, it's often good to try to isolate the problem first. For example, if you're playing a DVD on a television and there's no sound, try connecting an MP3 player to the system to see if that works. If it does work, then the problem is with the television, DVD player, or the cables connecting them. If it doesn't work, the problem will be with the amplifier, speakers, or those cables.

Problem	Possible Cause
No Sound	The volume may be turned down or muted. Check the volume settings on both the amplifier and the television/computer/CD player/etc.
	Make sure the proper source is selected on the amplifier or receiver.
	Check the cord connecting the amplifier with the source. The cord may be damaged or plugged into the wrong input or output.
	Check the wires connecting the amplifier with the speakers. Make sure they're connected properly and not damaged in any way.
Poor Sound Quality	If you hear something like static, or the sound is cutting in and out, check the audio cables. If the problem increases when a cable is being moved, then the cable is most likely faulty or not connected properly.
	Today's audio systems may have several places to adjust the volume, for example your MP3 player may have a volume control, and your amplifier may also have one. Check to be certain that the volume isn't turned up past 80% on any device.
	Try changing sources to be certain that the selection you've chosen is a good quality recording.



Technical Assistance

If you have any questions or concerns about installing or using this product, you can reach us through one of the following methods:

Phone: (844) 674-4461

Hours of operation: 8:00am - 5:00pm (Pacific Time), Mon - Fri

Email: techsupport@originacoustics.com

If you are having technical trouble, please include the model number and briefly explain what steps you took to resolve the problem in your email, or be prepared to answer these questions over the phone. If you are considering returning the product, it's required that you contact Origin Acoustics prior to any return attempts. This way we can determine if the issue can be resolved without returning the product, or if needed we can provide instructions and support for the return process.

Warranty

Two-Year Warranty

Origin Acoustics warrants to the original retail purchaser only that this Origin Acoustics product will be free from defects in materials and workmanship, provided the speaker was purchased from an Origin Acoustics authorized dealer.

If the product is determined to be defective, it will be repaired or replaced at Origin Acoustics' discretion. If the product must be replaced yet it is no longer manufactured, it will be replaced with a model of equal to or greater value that is the most similar to the original. If this is the case, installing the replacement model may require mounting modifications; Origin Acoustics will not be responsible for any such related costs.

Requirements and Warranty Coverage

This warranty may not be valid if the product was purchased through an unauthorized dealer. This warranty only applies to the individual that made the original purchase, and it cannot be applied to other purchases. The purchaser must be prepared to provide proof of purchase (receipt). This warranty will not be valid if the identifying number or serial number has been removed, defaced, or altered.

This warranty does not cover the following:

- Accidental damage
- Damage caused by abuse or misuse
- Damage caused by attempted repairs/modifications by anyone other than Origin Acoustics or an authorized dealer
- Damage caused by improper installation
- Normal wear, maintenance, and environmental issues
- Damage caused by voltage inputs in excess of the rated maximum of the unit
- Damage inflicted during the return shipment

Return Process

Before making any return attempts, it is required that you first contact Origin Acoustics. Return product to Origin Acoustics or your dealer, either in person or by mail. It's preferable if the product is returned in the original packaging. If this isn't possible, the customer is responsible for insuring the shipment for the full value of the product.

This warranty is in lieu of all other expressed or implied warranties. Some states do not allow limitations on implied warranties, so this may not apply depending on the customer's location. (For more information, see Magnuson-Moss Warranty Act.)

Specifications

Model	SUBV10
Part Number	SBXSUBV10000
Woofers	10" aluminum
Power Rating	150watts class D
Frequency Response	32Hz \pm 3dB
Dimensions (WxHxD)	13" x 13" x 13" with grille (14" x 14" x 14" when installing in cabinet)
Inputs	L/R line level, LFE
Outputs	N/A
USB 5.V	
Controls	Level, Phase, Crossover (Crossover is variable from 40Hz-200Hz)
Cabinet Finish	Black ash vinyl finish
Grille Material	Black cloth

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