



Origin Soundbars



SB3



SB1



SB.5

SB3, SB1 & SB.5 Installation Manual

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Introduction

Thank you for choosing an Origin Soundbar/LCR. The Soundbar is a passive speaker system that contains all three channels, Left, Center and Right. The SB1 and SB.5 LCR utilize the same components but divides them into three separate enclosures to be placed on the left, in the center either above or below the video display and on the right. The three speakers can also be placed in a linear row above or below the video display. The drivers are mounted in extruded aluminum enclosures and can be mounted on the wall, on the included stand or attached to a third-party mount connected directly to the video display. Regardless of your choice of mounting and position, the Soundbar and LCR's will deliver pristine music and movie soundtracks and compliment your home theater experience.

This instruction booklet covers the necessary information for a smooth installation, including: the tools you will need, step-by-step instructions for installation, troubleshooting tips for any errors that may occur, and all warranty information. If for any reason you experience problems or if you have installation questions please call us at (844) 674-4461. Hours of operation are 8:00am to 5:00pm (Pacific Time), Monday through Friday.

SOUNDBAR SPECIFICATIONS



Model: SB3

Part: SBC3000

- Extruded Aluminum Cabinet
- Woofers: 3 ½" Glass Fiber
- Tweeter: 1" Silk DPSD™
- # of channels: 3
- Minimum Load: 8 Ohm
- Frequency Response: 65Hz
- Sensitivity: 90 dB
- Dimensions: 42 x 6 x 3" (1068 x 154 x 73mm)
- Table-top Vibration Isolation Stand
- Wall-mount Kit



Model: SB1

Part: SB1000

- Extruded Aluminum Cabinet
- Woofers: 3 ½" Glass Fiber
- Tweeter: 1" Silk DPSD™
- # of channels: 1
- Minimum Load: 8 Ohm
- Frequency Response: 65Hz
- Sensitivity: 90 dB
- Dimensions: 16 x 6 x 3" (408 x 154 x 73mm)
- Table-top Vibration Isolation Stand
- Wall-mount Kit



Model: SB.5

Part: SB0500

- Extruded Aluminum Cabinet
- Woofer: 3 ½" Glass Fiber
- Tweeter: 1" Silk DPSD™
- # of channels: 1
- Minimum Load: 8 Ohm
- Frequency Response: 67Hz
- Sensitivity: 90 dB
- Dimensions: 12 x 6 x 3" (301 x 149 x 74mm)
- Table-top Vibration Isolation Stand
- Wall-mount Kit

MOUNTING

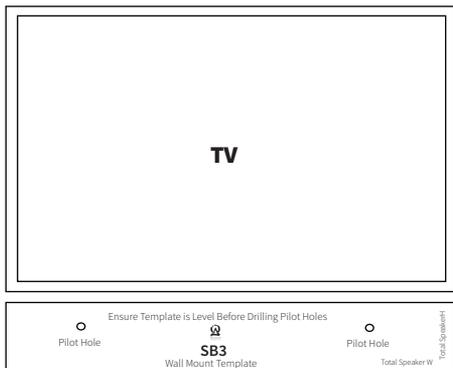
The first step in mounting the SB3, SB1, SB.5 Soundbar/LCR is to determine the optimum position based on the room parameters and your television location. Make sure there is enough room to accommodate the speakers in the location(s) you have selected.

If you are mounting the speaker(s) on the wall, consideration must be taken to insure the speaker(s) mount securely. Place the included template on the wall in the desired position making sure the physical position lines up with the television. **(See diagram 1)** Be advised that there are several relative angles in the room that may not be square. A level will only determine absolute position based on gravity. It is best to check the angle of the television and use that line as a guide to avoid the appearance that the SB3, SB1, SB.5 Soundbar/LCR is misaligned.

Once the position has been established, place the template in that position and secure it with masking tape. Mark the final screw position on the wall with a sharp tool or a tack. Remember, the speaker will slide down over the screw until the screw rests at the uppermost position in the mounting element. Remove the template from the wall and drive in the screws.

Depending on the positions of the studs behind the drywall, you will either use wood screws or drywall anchors to secure the Soundbar/LCR. The speakers use a keyhole mounting system as shown in **(diagram 2)**. Make sure when tightening the screws that enough space is allowed for the mounting element to slide over the head of the screw and into its final position. This may require a bit of adjustment to securely position the speaker against the wall.

Once the mounting has been tested, remove the speaker from the wall. A hole must now be drilled into the wall to allow for the speaker wires to pass through. **(See diagram 3)** Make sure the hole is large enough for all three wires to pass through. The SB3 Soundbar requires a single hole for all three wires. The SB1 and SB.5 LCR requires a hole for each speaker.



Wall Mount Template

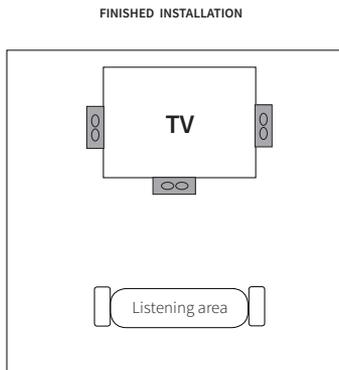
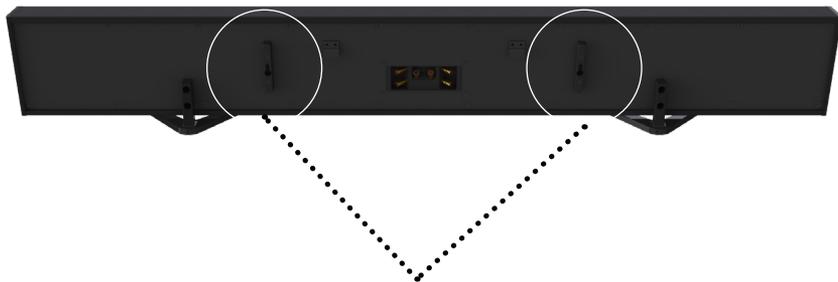
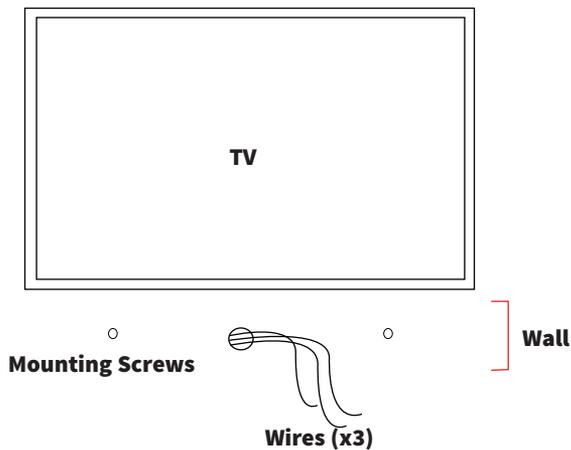


DIAGRAM 2



Keyhole Mounting System

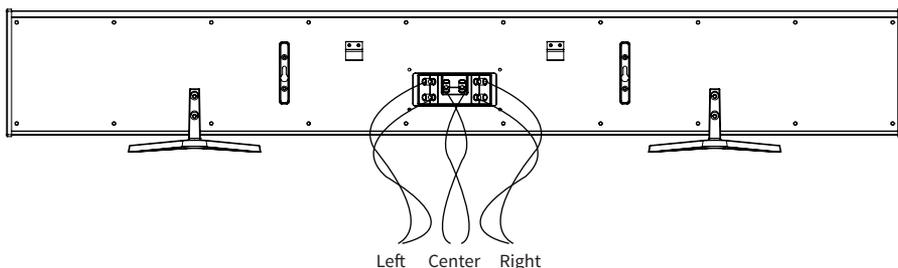
DIAGRAM 3



WIRING

Once the mounting screws are installed and the wire hole has been drilled it is time to run the wires. The SB3 Soundbar requires three pair of speaker wires while the SB1 and SB.5 LCR will have an individual pair for each speaker. Each pair will have a positive (+) and negative (-) connection. Your speaker wire should have an indication along the wire to differentiate between the two. Make sure you use the same wire to connect to (+) and (-) on both the speaker and the amplifier/receiver. Also make sure you connect the appropriate channel, Left, Center and Right, on both the speaker and the amplifier/receiver. If not, the positional steering of the movie soundtrack will be incorrect. **(See diagram 4)**

DIAGRAM 4



Strip the insulation $\frac{1}{2}$ " from the end of the wire. Run the speakers out of the hole in the wall and use the connectors to attach the correct wires to the speaker terminals. The terminals operate by pushing them in and inserting the wire through the hole on the side of the terminal. After the wire is inserted, release the terminal and the spring-loaded mechanism will lock the wire in place. Make sure the insulation is not inserted into the hole in the terminal as it will not allow the wire to make a connection.

COMPLETING THE INSTALLATION

Once the speaker has been wired the soundbar/LCR can be secured to the wall by sliding it over the screws. Make sure to feed the wires into the wall as you prepare to mount the speaker so they are not pinched, kinked or disconnected during the mounting process. Your new loudspeaker(s) are now ready for your listening enjoyment.

SOUND ADJUSTMENTS

Depending on the complexity of your system, there are several possible adjustments to provide the best possible sonic experience. Most audio/video receivers (AVR's) have some type of test program that plays a signal through each channel to allow you to balance the output. This is best performed from the principle listening position. There will also be equalization (EQ) controls to adjust the frequency response as it is effected by the parameters of the room.

If you are using a dedicated subwoofer, adjusting the balance and crossover point between the sub and your Soundbar/LCR is critical. The ideal balance will provide deep warm bass without overshadowing the mids and highs that are so critical in a musical performance. This may take a few days and several small adjustments to get it right. Also, be aware that different sources, BluRay Disc Players, Cable TV, streaming music will all have slightly different volume levels and EQ curves. Even different television channels may vary in their sonic presentation. This is normal and something you can adjust to your preference.

NOTES

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.
No Sound	Make sure the proper source is selected on the amplifier or receiver.
No Sound	Check the cord connecting the amplifier with the source. The cord may be damaged or plugged into the wrong input or output.
No Sound	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.
Poor Sound Quality	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.
Poor Sound Quality	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.

Limited Warranty

Origin Acoustics warrants to the original retail purchaser only that for a period of Five (5) years from the original date of purchase. 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 & 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.

Not Covered by Warranty

- 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.)



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