



# Installation Manual

## Models: SL4, SL6

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## Introduction

Thank you for purchasing this speaker selector. At Origin Acoustics, we take pride in providing you with a high quality product. All of Origin Acoustics' speakers are designed to have excellent sound quality, longevity, and a simple installation process.

Origin Acoustics' SL4 and SL6 speaker selectors are used to connect four or six pairs of speakers (4ohm or 8ohm) to your amplifier or receiver while maintaining a safe impedance load. Each pair of speakers can be turned on and off with the buttons on the front of the unit.

## Before Installing

This product does have impedance correction functionality. Even when all four pairs of speakers are playing simultaneously, this circuitry protects your amplifier or receiver from low impedance loads.

Depending on the impedance load of your speakers, and how many pairs are playing, the actual impedance load presented to your amplifier or receiver will vary.

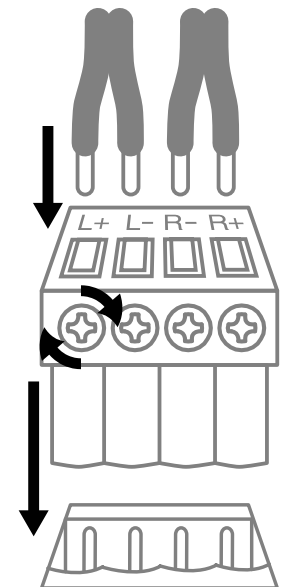
We recommend that you verify that your amplifier or receiver is capable of driving a 4-ohm load before using more than two pairs of 4-ohm speakers. If unsure about your amplifier or receiver, contact your dealer or the manufacturer.

## Type of Speaker Wire

Stranded copper wire of 16 or 18 gauge is recommended in most cases, but for wiring runs in excess of 80 feet, use 14 gauge wire instead. However, anything larger than 14 gauge is not recommended, as it may not fit. Never use aluminum, solid-core or "Romex" wire with these products. In the United States, most states and municipalities require that special speaker wire be used inside walls for fire safety. Normally, these must have a "CL" fire rating. Contact your dealer or building contractor/inspector if uncertain about the wiring.

## Installation

1. Find a suitable mounting location.
2. Run all the necessary wires and label them for future reference.
3. The amplifier and speaker connectors on this unit are removeable. Removing them may make installation easier.
4. Connect the unit to the speaker selector. You will want to strip about 3/8" (10 mm) of insulation from every wire. If the wires have loose strands, twist them until the ends are no longer frayed.



5. Each wire should go into the proper opening and fixed there with a small screwdriver. Make sure to connect positive to positive and negative to negative. If you removed the connectors, reinstall them now.



## 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

Power Handling	100 watts RMS per channel	
Frequency Response	20 Hz - 22kHz (+0dB, -0dB)	
Selector Type	Noise-free, front access, pushbuttons	
Wire Size Acceptance	2 or 4 conductor, stranded, 16 AWG to 12 AWG	
Dimensions	1 7/8" (4mm) H x 11 1/2" (292mm) W x 7" (178mm) D (including connectors and pushbuttons)	
Maximum Number of Speaker Connectors	SL4 4 pairs	4 ohm minimum
	SL6 6 pairs	4 ohm minimum
Minimum Amplifier Impedance with All Speakers Selected	SL4 with 8 ohm speakers	6 ohm
	SL4 with 4 ohm speakers	5 ohm
	SL6 with 8 ohm speakers	5.3 ohm
	SL6 with 4 ohm speakers	4.6 ohm

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