

S-VSL6C

SPEAKER SYSTEM

OPERATING INSTRUCTIONS

IMPORTANT



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**

CAUTION:

TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance. **H002_En**

WARNING: THE APPARATUS IS NOT WATERPROOFS, TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE AND DO NOT PUT ANY WATER SOURCE NEAR THIS APPARATUS, SUCH AS VASE, FLOWER POT, COSMETICS CONTAINER AND MEDICINE BOTTLE ETC.

H001AEn

Thank you for buying this Pioneer product. Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference.

Accessories

Speaker stand	1
Mounting fixtures	1
Safety wire	1
Anti-slip pads	1 (set)
Speaker stand pads (3 types)	1
Screws	7
Washers	2
Self-adhering fastener (hook strip)	2
Self-adhering fastener (loop strip)	2
Operating Instructions	1



Quick Tip

A speaker system's sound characteristics will change depending on the environment and conditions under which the system is. A speaker system can be used without problem immediately after purchase, but its design performance characteristics will be best demonstrated after breaking them in by playing music for several dozen hours.

Before you start

- The nominal impedance of this speaker system is 6 ohms. Connect the speaker system to an amplifier with a load impedance ranging from 4 to 16 ohms (a model with "4 - 16 Ω" displayed on the speaker output terminals).

In order to prevent damage to the speaker system resulting from input overload, please observe the following precautions:

- Do not supply power to the speaker system in excess of the maximum permissible input.
- When connecting or disconnecting anything in your AV system, make sure the amplifier is switched off.
- When using a graphic equalizer to emphasize loud sounds in the high-frequency range, do not use excessive amplifier volume.
- Do not try to force a low-powered amplifier to produce loud volumes of sound (the amplifier's harmonic distortion will be increased, and you may damage the speaker).

Caution: installation

- Do not place the speakers on an unstable surface. It could present a hazard if it falls, as well as damaging the equipment.
- Switch off and unplug your AV equipment and consult the instructions when connecting up components. Make sure you use the correct connecting cables.
- The speaker system grill cannot be removed. Do not try to forcibly remove it since doing so may damage the grille.

CAUTION: These speaker terminals can be under HAZARDOUS VOLTAGE. When you connect or disconnect the speaker cables, to prevent the risk of electric shock, do not touch uninsulated parts before disconnecting the power cord. **H047_En**

Caution: in use

- Don't use the speakers to output distorted sound for long periods of times. This can result in a fire hazard.
- Do not sit or stand on the speakers or let children play on the speakers.
- Do not put large or heavy objects on top of the speakers.

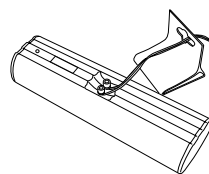
Connecting Speakers to Amplifier

- Disconnect the power cord to the amplifier.
 - Use speaker wire to connect the input terminals on the rear panel of the speakers to the amplifier's speaker output terminals. Connect the hot-side speaker wire to the + speaker output terminal; connect the common-side speaker wire to the - speaker output terminal.
- Remove insulation at end of wire and twist ends of wire strands.
 - Loosen the terminal screw and insert the twisted wire into the hole, then tighten the terminal screw securely.

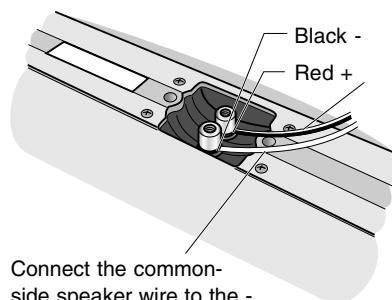
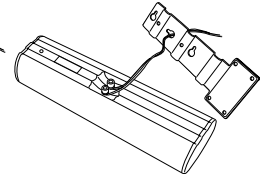


When using the supplied speaker stand in a horizontal installation, pass the speaker wire through the speaker stand before connecting. When mounting vertically, pass the wires through the mounting fixture before connecting.

<Horizontal Installation>



<Vertical Installation>



Black -
Red +
Connect the hot-side speaker wire to the + speaker output terminal.

Connect the common-side speaker wire to the - speaker output terminal.

■ The speaker system's input terminals can also be connected using a banana plug (only with horizontal installation)

- After connecting the wires to their speaker system terminals, pull gently on the wires and confirm that the leads are fastened securely to their terminals. Insecure connections will result in broken sound and noise.
- Do not allow bare wire ends to protrude excessively from the terminals. If bare wires from the two leads touch each other, excessive load will be placed on the amplifier, leading to possible damage or malfunction.
- Be sure to connect the + and – leads to their correct terminals. If the poles at one end of the wires are connected mistakenly (+ to –, – to +), proper stereo effect will not be produced.

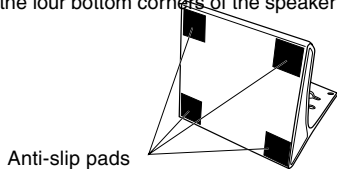
Rack Installation

Preparation

When mounting the speakers on a rack, use the supplied accessory anti-slip pad or self-adhering fastener strips. The anti-slip pads may not be fully effective on some surfaces; if any danger of tipping or falling exists, do not attempt to mount the speakers in that position.

Using anti-slip pads

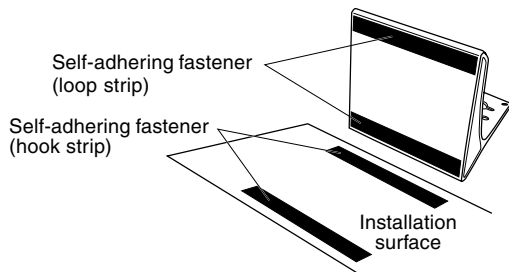
Peel off the protective paper backing from the four anti-slip pads and apply to the four bottom corners of the speaker stand.



Anti-slip pads

Using self-adhering fastener

1. Peel off the protective paper backing from the two loop strips and apply to the bottom surface of the speaker stand.
2. Peel off the protective paper backing from the two hook strips and apply to the surface of the installation surface in alignment with the two loop strips on the speaker stand.



Self-adhering fastener (loop strip)

Self-adhering fastener (hook strip)

Installation surface

Assembly

Assembling the speaker stands requires use of a medium Phillips screwdriver.

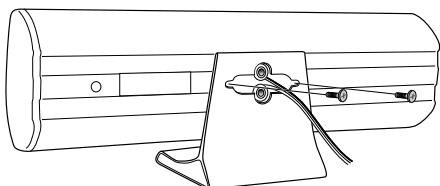
Connect speaker wires before assembly

Installation example 1 (Horizontal installation)

1. Affix mounting pads

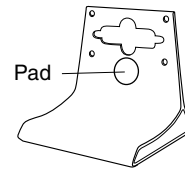


2. Use two supplied screws to fasten the speaker stand to the speaker



Installation example 2 (Vertical installation)

1. Affix mounting pad

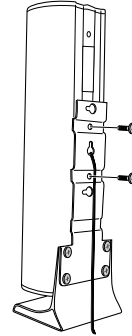
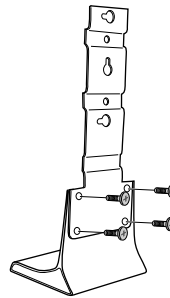


2. Use 4 supplied screws to attach the accessory mounting fixture to the speaker stand (Fig. a)

3. Use 2 supplied screws to attach the mounting fixture and speaker stand to the speaker (Fig. b)

(Fig. a)

(Fig. b)

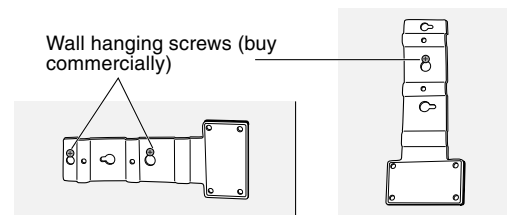


Pay special attention to choosing a safe installation location when mounting the speaker vertically, since it may tend to tip over.

Wall Mounting

- This speaker system is supplied with a mounting fixture for wall mounting. When using the speaker system in a wall installation, take full precautions to prevent the speaker from falling.
- Check the wall location thoroughly to ascertain its ability to support the weight of the speaker system.
- If you are unable to determine the structural strength of the wall, consult a building professional before attempting to install the speaker system on a wall.
- No screws or bolts are provided for use in a wall installation. Supply your own threaded fasteners in accordance with the wall or pillar's material structure and strength.
- Install only on a vertically plumb surface. Installation at an angle may result in dangerous loosening of the fixture, causing a fall.

1. First decide on whether you will install the speakers vertically or horizontally. Use commercially available threaded fasteners (screws or bolts) to attach the accessory mounting fixtures to the wall. When installing the speakers horizontally, use two screws installed at the two locations shown (left and right); when using a vertical installation, place one screw in the center as shown.



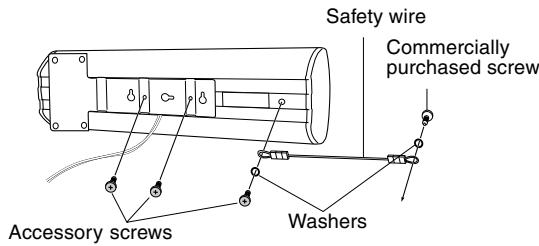
Wall hanging screws (buy commercially)

Horizontal installation

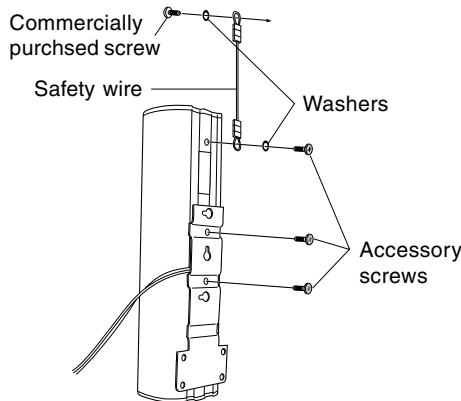
Vertical installation

2. Loosen the screws slightly to allow the mounting fixture to be removed.
3. Attach the speaker wire to the speaker.
4. Use one provided accessory screw and one washer to attach the accessory safety wire to the speaker as shown.
5. Use two provided accessory screws to attach the speaker to the mounting fixture.
6. Use a commercially available screw or bolt and one of the provided accessory washers to connect the loose end of the safety wire to the wall.
7. Align the speaker with the screws installed in step 1, and fasten to the wall.

Installation Example 1 (Horizontal installation)



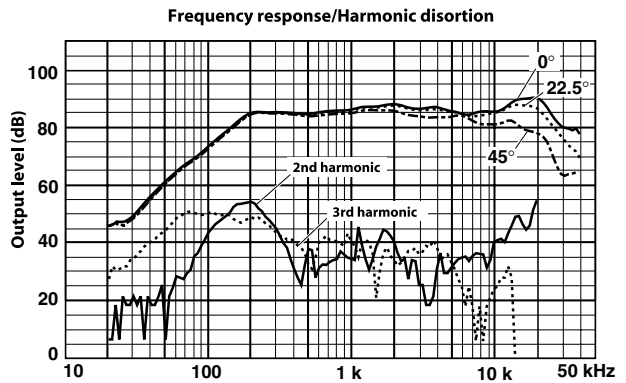
Installation Example 2 (Vertical installation)



Remark

- This speaker system is magnetically shielded. However, depending on the installation location, color distortion may occur if the speaker system is installed extremely close to the screen of a television set. If this happens, turn off the television, then turn it on again after 15 to 30 minutes. If the problem persists, place the speaker system away from the television set.

Frequency response and harmonic distortion



Specifications

Type	Fully enclosed (acoustic suspension) bookshelf speakers with magnetic-shielded design
Speaker composition	2-way type
Woofer	8.3 cm cone x 2
Tweeter	2 cm dome type
Nominal impedance	8 Ω
Frequency response	90–40,000 Hz
Output level	86 dB / W (1 m)
Permissible input	
Maximum power	130 W
Crossover frequency	4.0 kHz
External dimensions	
Speaker only	
Horizontal mount	350 (W) x 102 (H) x 80 (D) mm
With speaker stand	
Horizontal mount	350 (W) x 126 (H) x 101 (D) mm
Vertical mount	102 (W) x 385 (H) x 103 (D) mm
Weight	2.2 kg (each)

- Appearance and specifications subject to change without notice.



Dear Customer:

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion-and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For A Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

Decibel

Level	Example
30	Quiet library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet.

THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE

90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock band concert in front of speakers, thunderclap
140	Gunshot blast, jet plane
180	Rocket launching pad

Information courtesy of the Deafness Research Foundation.



LIMITED WARRANTY

PIONEER ELECTRONICS (USA) INC.

PIONEER ELECTRONICS OF CANADA, INC.

WARRANTY PERIOD

For the period specified below from date of original retail purchase (the warranty period) from an authorized Pioneer dealer, Pioneer Electronics (USA) Inc. (PUSA), and Pioneer Electronics of Canada, Inc. (POC) warrants that products distributed by PUSA in the U.S.A., and by POC in Canada that fail to function properly under normal use due to a manufacturing defect when installed and operated according to the operating instructions enclosed with the unit will be repaired or replaced with a unit of comparable value, at the option of PUSA or POC, without charge to you for parts or actual repair work. Parts supplied under this warranty may be new or rebuilt at the option of PUSA or POC.

PRODUCT	WARRANTY PERIOD	
	PARTS	LABOR
Loudspeakers / Subwoofers (amplifier section not included)	1 YEAR	1 YEAR
Amplifier Section (if applicable)	1 YEAR	1 YEAR

This warranty covers the product during the warranty period whether in the possession of the original owner or any subsequent owner. In the event service is required, the product must be delivered within the warranty period, transportation prepaid, from within the Country of purchase as explained in this document. You will be responsible for removal and installation of the product.

WHAT'S NOT COVERED

This warranty does not cover any product which is used in any trade or business, or in an industrial or commercial application. This warranty does not apply to any speaker that has been subjected to power in excess of its published power rating. This warranty does not cover the cabinet or any appearance item, any damage to the product resulting from alterations or modifications not authorized in writing by PUSA or POC, accident, misuse or abuse, or damage due to lightning or to power surges. This warranty does not cover the cost of parts or labor which would be otherwise provided without charge under this warranty obtained from any source other than a PUSA OR POC Authorized Service Company or other designated location. This warranty does not cover defects or damage caused by the use of unauthorized parts or labor, or from improper maintenance.

ALTERED, DEFACTED OR REMOVED SERIAL NUMBERS VOID THIS WARRANTY.

YOUR RIGHTS

PUSA and POC excludes any obligation on its part for incidental or consequential damages related to the failure of products to function properly under the conditions set forth above.

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IN CANADA - EXCEPT AS EXPRESSLY PROVIDED HEREIN, THERE ARE NO REPRESENTATIONS, WARRANTIES, OBLIGATIONS OR CONDITIONS, IMPLIED, STATUTORY OR OTHERWISE, APPLICABLE TO THIS PRODUCT.

TO OBTAIN SERVICE

PUSA and POC have appointed a number of Authorized Service Companies throughout the U.S.A., and Canada should your product ever require service. To receive warranty service you will need to present your sales receipt or, if rented, your rental contract showing place and date of original owner's transaction. Should it become necessary to ship your unit, you will need to package the product carefully and send it, transportation prepaid by a traceable, pre-insured method, to an Authorized Service Company. Carefully package the product using adequate padding material to prevent damage in transit. The original container is ideal for this purpose. Include in the package your name, address, telephone number where you can be reached during business hours, a copy of your sales receipt and a detailed description of the problem. PUSA or POC, as appropriate, will pay for the cost of returning the repaired or replacement product to you within the Country of purchase.

For additional information about this limited warranty or to locate the nearest PUSA or POC Authorized Service Company, please contact:

IN THE U.S.A.
CUSTOMER SERVICE DEPARTMENT
PIONEER ELECTRONICS (USA) INC.
P.O. BOX 1760
LONG BEACH, CA 90801 USA
Phone: 1-800-421-1404

IN CANADA
CUSTOMER SERVICE DEPARTMENT
PIONEER ELECTRONICS OF CANADA, INC.
300 ALLSTATE PARKWAY
MARKHAM, ON L3R 0P2
Phone: 905-479-4411, 1-877-283-5901

DO NOT RETURN ANY PRODUCT TO THE ABOVE ADDRESSES. THEY ARE NOT SERVICE LOCATIONS.

RECORD THE PLACE AND DATE OF PURCHASE FOR FUTURE REFERENCE

Model No.: _____ Serial No.: _____

Purchase Date: _____ Purchased From: _____

KEEP THIS INFORMATION AND YOUR SALES RECEIPT IN A SAFE PLACE

PIONEER CORPORATION 4-1, Meguro 1-Chome, Meguro-ku, Tokyo 153-8654, Japan
PIONEER ELECTRONICS (USA) INC. P.O. BOX 1540, Long Beach, California 90801-1540
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