

# S-VSL3

SPEAKER SYSTEM

Operating Instructions

Thank you for purchasing this Pioneer product. Be sure to read these Operating Instructions fully to understand the correct use of your product.

## Before Using:

- This speaker system has a nominal impedance of 6 Ω. Connect it to a stereo amplifier designed for a load impedance of 4–16 Ω (the speaker output terminals should be labeled "4–16 Ω").
- To protect the speakers from excessive inputs always follow these guidelines:
  - Do not input power loads larger than the specified permissible maximums.
  - Always disconnect amplifier power before connecting this and other components to your amplifier.
  - If a graphic equalizer is used to augment high-range sounds, reduce the speaker's sound volume to prevent damaging the speakers.
  - Do not attempt to produce very high sound volumes from an underpowered amplifier. The amplifier's harmonic distortion will increase and speakers may be damaged.

## Care of the Speaker Cabinets

Under normal use, use a soft dry cloth to wipe dust from the cabinet surface. In case of severe soiling dip a clean cloth in a weak (1:5 or 1:6) solution of neutral detergent and water, wring out thoroughly, wipe the dirt away then wipe with a dry cloth. Never expose the surface to alcohol, thinner, benzene or insecticide since the surface printing and finish may come off. If using a chemically impregnated dusting cloth, read the instructions carefully and follow all precautions for use.

## CAUTION

### [Installation]

- Do not install speakers in unstable, unlevel or leaning positions. Damage or personal injury could be caused if the speaker falls.
- When connecting this speaker system to a television or audio component, read the respective component's operating instructions carefully disconnect the power and connect according to the instructions. Always perform connections using the designated wires and cables.
- The speaker system's front grill cannot be removed. Do not attempt to remove it since damage will result.

### [Using the Speakers]

- If sound from speakers is distorted do not play for extended periods of time since the speaker may overheat and could present a fire danger.
- Do not climb or sit on the speakers or hang from them. Take special precautions if the speakers are used around children. A falling or broken speaker could cause personal injury.
- Do not place heavy items on the speaker or items which hang over the speaker's edge, since loss of balance could cause the object to fall and hurt someone.
- These speakers are magnetically shielded and should not cause color distortion even when used nearby television sets. On rare occasions, installing the speaker very close to a television may result in some degree of color distortion; in such cases disconnect the television's power, wait 15-30 minutes and turn on power again. If color distortion continues, try separating the television and speakers.

### Note

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.

## Confirm your Accessories

- Acoustic control material



- Hook-and-loop fastener strip (hook) x 1



- Hook-and-loop fastener strip (loop) x 1



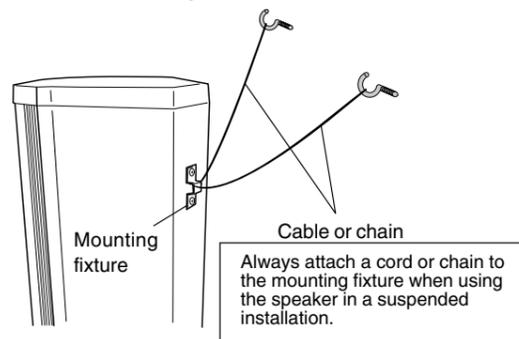
- Operating Instructions

## Regarding Installation

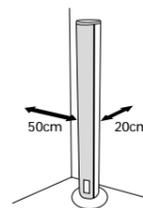
The playback sound from the speaker system may change as a result of influences from the conditions of the listening room. When installing the speakers, consider the location carefully in order to get optimum results from your installation.

- For a suspended installation, fasten a cord or chain to the metal fixture on the rear panel and attach securely to a pillar or wall. Be sure the pillar or wall used has sufficient strength to support the speaker's weight. After installing the speaker confirm that it is supported securely and will not fall.
- If the speaker falls it may be damaged.
- Do not hang the speaker directly from the metal fixture on the rear panel. To prevent the speaker from falling, always attach a cord or chain to the metal fixture when suspending the speaker from a wall or pillar.

### <Rear Panel of Speaker>



- This speaker system weighs about 8 kilograms. Floor installations should be on a flat and stable floor surface; the speaker should be installed away from walls, as shown in the accompanying illustration. The distance between the speaker and the wall behind it can be changed to adjust the bass emphasis. Adjust the distance so that no audible difference in tone is heard from left and right speakers.

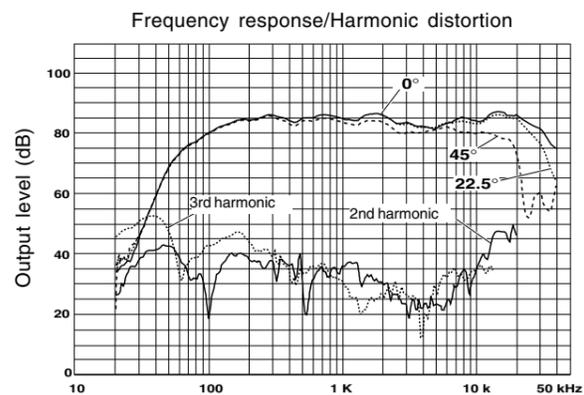


## Specifications

Speaker Type	Bass-reflex type magnetically shielded floorstanding speaker
Speaker composition	2-way
Woofer	8.3 cm cone (x2)
Tweeter	2 cm dome
Nominal impedance	6 $\Omega$
Frequency response	50–40,000 Hz
Output sound level	85dB / W (1 m)
Permissible input	
Maximum power	80 W
Crossover frequency	4 kHz
External dimensions	240 (H) x 1,080 (H) x 240 (D) mm
Weight	8 kg (each)
Accessories	Acoustic control material (white) x 1 Hook-and-loop fastener strip (hook) x 1 Hook-and-loop fastener strip (loop) x 1 Operating Instructions x 1

- Appearance and specifications are subject to change without notice.

## Frequency response and harmonic distortion



### 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.

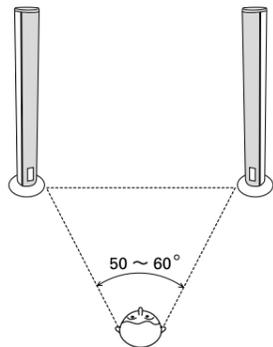
#### THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE

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

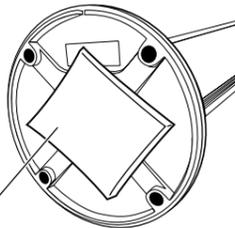
Information courtesy of the Deafness Research Foundation.



- The most natural listening experience will be produced when the listening position is midway between and an equal distance from the two speakers, as shown. Adjust the speaker wire to the same length from both speakers.



- **Adjusting the Bass Range**  
This speaker system is supplied with acoustic control material which can be affixed to the bottom of the stand as a means of adjusting the bass frequency range. Apply the material as shown, in accordance with your installation location and personal listening tastes.



Acoustic control material  
Apply acoustic control material sheet to the bottom surface of the speaker system stand. Take care not to allow the sheet to come between the small skid-pads and floor.

- When using the speakers in a room with permeable walls, place the speakers as closely as possible along the walls or install them in front of a screen or other object with reflective properties.
- When used with a television, the speakers should be installed so that their front surfaces are in the same plane as the screen of the television.
- When using the speakers with a television screen, the optimum breadth of sound will be produced when the television screen is placed midway between the right and left speakers and the speakers are oriented at angles of about 50–60° from the listening position.
- In rooms with hard reflective or resonating walls it may be desirable to cover the walls with a curtain and/or place a carpet on the floor to dampen excessive sound reflection. Extending the curtain all the way to the corners will help prevent local deadening of the sound. On the other hand if the wall opposite the speakers (behind the listening position) is also composed of a hard surface, placing a thick curtain over the wall will help prevent the production of standing waves and result in better sound.

## Installation Precautions

- These speaker systems are heavy; installing them in unstable locations is extremely dangerous and should be avoided.

## Connection to Amplifier

Terminals are provided at the bottom of the speakers for connection to an amplifier.

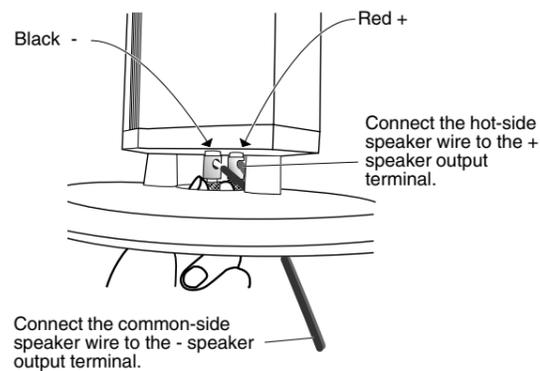
- 1 Disconnect the power cord to the amplifier.
- 2 Connect the speaker wires to the input terminals at the bottom of the speakers to the amplifier's speaker output terminals.

Connect the hot-side speaker wire to the + speaker output terminal; connect the common-side speaker wire to the - speaker output terminal.

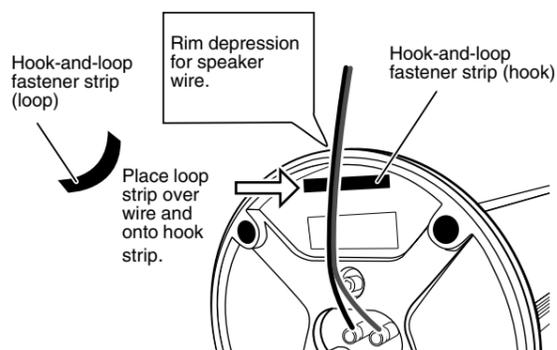
1. Remove insulation at end of wire and twist ends of wire strands.



2. Insert speaker wire through hole in the bottom of the speaker stand.
3. Loosen the screws, pass the wire cores through the terminal holes and retighten thoroughly.



4. Remove the protective backing paper from the hook-and-loop fastener strip (hook strip), and apply to the bottom of the speaker stand near the rim depression for the speaker wire (see illustration).
5. Pass the speaker wire through the rim depression as shown.
6. Place the other hook-and-loop fastener strip (loop strip) onto the first strip (hook) with the speaker wire passing between the two strips, so as to fix the speaker wire in position.



- After connecting the wires to terminals, pull gently on the wire and confirm that the wire lead is fastened securely to its terminal. Insecure connections will result in distorted sound and noise.
- Do not allow bare wire ends to protrude excessively from the terminals. If the 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.

**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, DEFACED 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.  
IN THE U.S.A. - PUSA LIMITS ITS OBLIGATIONS UNDER ANY IMPLIED WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, TO A PERIOD NOT TO EXCEED THE WARRANTY PERIOD. NO WARRANTIES SHALL APPLY AFTER THE WARRANTY PERIOD. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, AND SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY HAVE OTHER RIGHTS WHICH MAY VARY FROM STATE TO STATE.  
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

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