

LSi SERIES

LSi 7

Bookshelf Loudspeaker

LSi 9

Bookshelf Loudspeaker

LSi 15

Floorstanding Loudspeaker

**Owner's
Manual**

polkaudio
the speaker specialists®

LSi SERIES FROM POLK AUDIO

The LSi Series from Polk Audio is the ultimate expression of the performance principles that have made Polk Audio a world leader in loudspeaker technology. The LSi Series features patented Polk Audio technologies reengineered for the new millennium. From reformulated Dynamic Balance cones, to ring radiator tweeters, the LSi Series is for serious listening. Advancements in sound technology, including SACD and DVD Audio, come to life with higher accuracy and resolution, more dynamic response and superb focus; the LSi Series delivers three-dimensional imaging and remarkable reproduction of even the finest details. Hear what you've been missing: the Polk Audio LSi Series.

PLACEMENT RECOMMENDATIONS FOR LSi 7 & LSi 9 BOOKSHELF LOUDSPEAKERS

The LSi Series Bookshelf Loudspeakers were designed to provide excellent performance on a bookshelf, in a wall unit or placed on a floor stand (available from your Polk Audio retailer, or <http://polkaudio.tranguard.com/>). One LSi Bookshelf speaker is the “left” channel speaker, and the other is the “right” channel speaker. The serial number label identifies which speaker is which **[figure 1]**. The “left” speaker should be placed on the left side of the room as you face the front of the room **[figure 2]**. To get the most realistic stereo image and lifelike sound, place the speakers so that an equilateral triangle is created between the speakers and your favorite listening position **[figure 3]**. If you must place the speakers farther apart than the distance from which you are listening, angle the speakers toward the middle in order to support a more solid center image. If you are using your LSi Series Bookshelf Loudspeakers as rear channels in a home theater system, they should be placed on the rear or side walls, slightly above (and, on the side walls behind) the listening position **[figures 4a & 4b]**. In this case, the speaker marked “left” should be placed on the left side of the room *as you face the back of the room* **[figure 2]** (it becomes the **right rear surround** when you face the front of the room).

PLACEMENT RECOMMENDATIONS FOR LSi 15 FLOORSTANDING LOUDSPEAKER

One LSi Floorstanding speaker is the “left” channel speaker, and the other is the “right” channel speaker. The serial number label identifies which speaker is which **[figure 1]**. The “left” speaker should be placed on the left side of the room as you face the front of the room. Note that the tweeters face “in” **[figure 2]**. To get the most realistic stereo image and lifelike sound, place the speakers so that an equilateral triangle is created between the speakers and your favorite listening position **[figure 3]**. If your room arrangement forces you to place the speakers farther apart than the distance from which you are listening, angle the speakers toward the middle in order to support a more solid center image. Rubber feet and adjustable carpet spikes are included to provide stability on any type of floor. To install them, lay the speaker carefully on its side and screw in the spikes as far as they will go into the threaded inserts in the base of the speaker. For wood or tile floors, slip a rubber foot over each spike. For carpeted floors, use bare spikes **[figure 5]**. You will achieve optimum performance when the speaker is level and stable in all directions.

Your LSi Series Loudspeakers are magnetically shielded for safe placement near your TV or video monitor. If you notice video distortion or discoloration, immediately move the speakers away from the TV and call Polk Audio Customer Service 800-377-7655 (US and Canada) or polkcs@polkaudio.com.

FIGURE 1

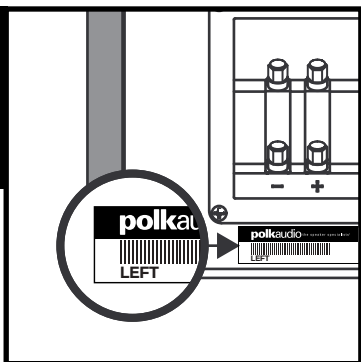


FIGURE 1

Consult serial number label for correct speaker orientation.

Consulte la etiqueta del número de serie para establecer la orientación correcta del altavoz.

Pour orienter vos enceintes correctement, consultez l'étiquette du numéro de série.

Angaben zur ordnungsgemäßen Ausrichtung der Lautsprecher finden Sie auf dem Typenschild mit der Seriennummer.

FIGURE 2

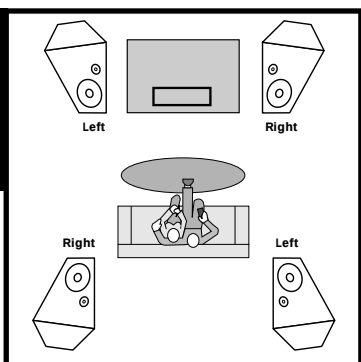


FIGURE 2

Front & Rear speaker placement. Note tweeters face "in" for optimum imaging. LSi Loudspeakers are magnetically shielded for safe placement near TV or video monitors. If you notice video distortion or discoloration, immediately move the speakers away from the video source and call Polk Audio Customer Service.

Colocación de los altavoces de adelante y de atrás. Nota: Oriente los tweeters "hacia adentro" para obtener una imagen óptima. Los altavoces LSi tienen blindaje magnético para poder ubicarlos con seguridad cerca de monitores de televisión o de video. Si nota que hay distorsión o descoloración de la imagen, aleje inmediatamente los altavoces de la fuente de video y comuníquese con el servicio al cliente de Polk Audio.

Disposition des enceintes avant et arrière. Notez que pour une image optimale, les tweeters sont dirigés vers le centre. Les enceintes LSi sont blindées magnétiquement et peuvent être disposées à proximité d'une télé ou d'un moniteur vidéo. Si vous percevez de la distorsion ou de la décoloration vidéo, éloignez immédiatement les enceintes de l'écran et communiquez avec le service à la clientèle de Polk.

Platzierung der vorderen und hinteren Lautsprecher. Achten Sie darauf, dass die Hochtöner bei der optimalen Platzierung nach innen zeigen. LSi-Lautsprecher sind für eine Platzierung in der Nähe von Fernsehgeräten oder Videomonitoren magnetisch abgeschirmt. Wenn Sie eine Verzerrung oder Verfärbung des Videobildes bemerken, sind die Lautsprecher umgehend von der Videoquelle zu entfernen. Setzen Sie sich in diesem Fall mit dem Kundendienst von Polk Audio in Verbindung.

FIGURE 3

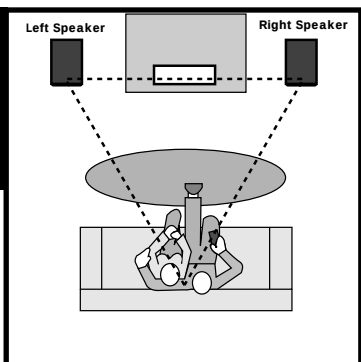


FIGURE 3

Create an equilateral triangle between the speakers and the listening position. Face tweeters "in." LSi Series Loudspeakers are magnetically shielded for safe placement near TV or video monitors. If you notice video distortion or discoloration, immediately move the speakers away from the video source and call Polk Audio Customer Service 800.377.7655 (US and Canada) or polkcs@polkaudio.com.

Haga un triángulo equilátero con los altavoces y la posición de audición.

Créez un triangle équilatéral entre les enceintes et la position d'écoute.

Bilden Sie ein Dreieck zwischen den Lautsprechern und Ihrer Hörposition.

FIGURE 4

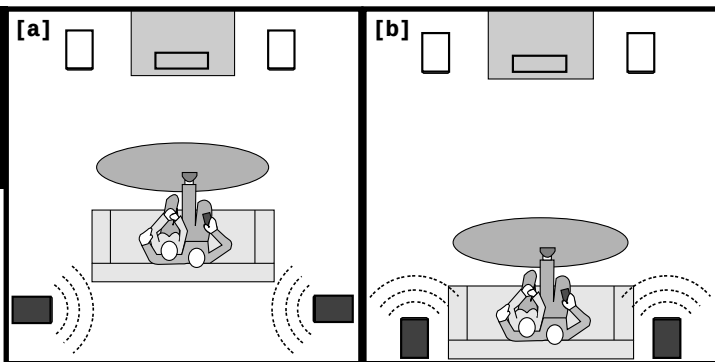


FIGURE 4a & 4b

Placement options for rear/surround Bookshelf speaker use. Tweeters always face "in" for optimum imaging.

Opciones de colocación para el uso de altavoces de atrás o surround.

Options de disposition des enceintes arrière-ambiophoniques.

Platzierungsoptionen für die Verwendung von Lautsprechern hinten bzw. Surround-Lautsprechern.

FIGURE 5

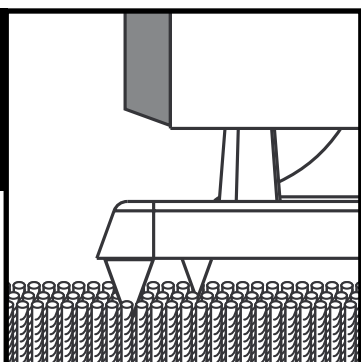


FIGURE 5

For stability on carpet, use spikes. For stability on hard floors, use rubber feet over spikes.

Use púas para estabilizar los altavoces sobre una alfombra.

Use patas de goma sobre las púas para estabilizarlos sobre pisos duros.

Pour plus de stabilité sur tapis, utilisez les picots.

Sur planchers, recouvrez les picots des pieds de caoutchouc.

Die Verwendung von Befestigungsstutzen gewährleistet die Stabilität der Lautsprecher bei Platzierung auf Teppichböden. Auf hartem Untergrund sollten die Stutzen mit Gummifüßen überzogen werden.

**CONNECTION OPTIONS
FOR LSi SERIES LOUDSPEAKERS
[FIGURE 6]**

Follow the hookup directions included with your receiver. Strip 1/2 inch (12.7mm) of insulation from each of the two conductors of the wire to expose the bare metal and twist each of the individual conductors into single unfrayed strands. Note that one of the terminals on the rear of each speaker is red (+) and the other is black (-). Make certain that you connect the wire from the red (+) terminal of your amplifier or receiver to the red (+) terminal on your speaker and the wire from the black (-) terminal of your amplifier or receiver to the black (-) terminal on your speaker. Most wire has some indicator (such as color-coding, ribbing or writing) on one of the two conductors to help you maintain consistency.

To connect wire to the binding post **[figure 7]**, unscrew the hex nut and insert the bare wire into the hole near the base of the binding post. Do not insert the insulated part of the wire into the hole as this will not give you a good connection. Twist the hex nut back down the binding post until it firmly meets the wire. Do not over tighten.

To Use Banana Plugs (US Only): Unscrew the binding post lug nuts completely to expose the binding post plugs (plastic plugs inserted into the binding posts). Carefully pry out the binding post plugs to expose banana plug holes. Screw the lug nuts back on the binding posts and insert banana plugs. (This is for US owners only.)

**BI-WIRING AND BI-AMPING
FOR LSi SERIES LOUDSPEAKERS**

If you decide to bi-wire or bi-amp, you must remove the flat metal jumpers between terminal posts. Failure to do this could result in damage to your amplifier and loudspeakers.

Bi-wiring [figure 8] can provide noticeable improvements in the overall transparency of your loudspeakers. Run separate speaker wires to the low and high frequency drivers from a single amplifier: after removing the jumpers, connect one set of speaker wires to the upper terminals on each speaker and one set of (usually heavier gauge) wires to the lower terminals. Connect the other ends of both wire sets to the corresponding amplifier outputs.

Bi-amping [figure 9] allows you to use separate amplifiers for the high and low frequency sections of your loudspeaker for greater dynamic range and lower distortion. After removing the jumpers, connect the speaker wires from the high frequency amplifier outputs to the upper set of terminal posts on each speaker. Follow the same procedure for connecting the low frequency amplifier outputs to the lower set of terminals. Remember to maintain correct wiring polarity (+ to +, - to -) in all connections.

FOR MANUAL UPDATES, VISIT

<http://www.polkaudio.com/home/products/bookshelf/lsi7>

OR

<http://www.polkaudio.com/home/products/bookshelf/lsi9>

OR

<http://www.polkaudio.com/home/products/floorstanding/lsi15>

FOR MORE DETAILED HOOK-UP AND PLACEMENT INFORMATION, VISIT

<http://www.polkaudio.com/home/faqad/>

FOR RECOMMENDED ACCESSORIES (INCLUDING SPEAKER STANDS, BRACKETS AND EXCLUSIVE POLK AUDIO LOGOWEAR), VISIT OUR WEBSTORE:

<http://polkaudio.tranguard.com/>

FIGURE 6

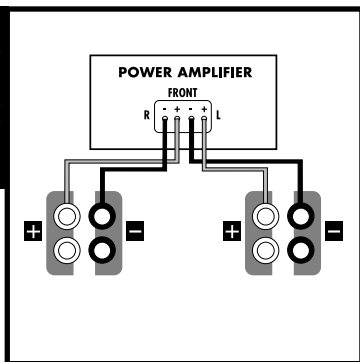


FIGURE 6

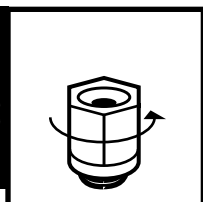
Basic hookup diagram for LSi Loudspeakers.

Diagrama básico de conexión.

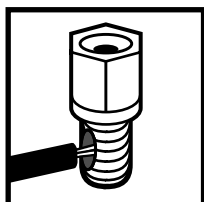
Diagramme de branchement rudimentaire.

Grundlegendes Anschlussdiagramm.

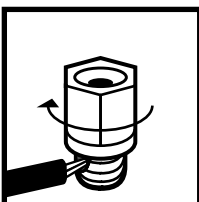
FIGURE 7



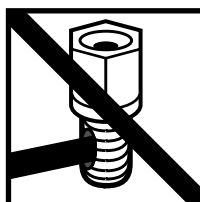
Loosen hex nut
Desenrosque parcialmente
la tuerca hexagonal
Desserrer l'écrou
Sechskantmutter lösen



Insert speaker wire
through hole
Inserte el alambre para
la bocina en el orificio
Insérer le fil du haut-parleur
dans le trou
Lautsprecher-Draht durch
das Loch schieben



Tighten hex nut
Enrosque la tuerca de nuevo
Serrer l'écrou
Sechskantmutter festschrauben



Do not insert insulated
section of speaker wire
No inserte alambre con
material aislante
Ne pas insérer la partie
isolée du fil du haut-parleur
Isolation des Lautsprecher-
Drahtes nicht in
das Loch schieben

FIGURE 7

Using binding post connections.

Uso de conexiones con tornillos de presión.

Utilisation des bornes de branchement.

Verwendung von Anschlussklemmen.

To use Banana Plugs (US only):
Unscrew the binding post lug nuts completely
to expose the binding post plugs
(plastic plugs inserted into the binding posts).
Carefully pry out the binding post plugs
to expose banana plug holes.
Screw the lug nuts back on the binding posts
and insert banana plugs.
(This is for US owners only.)

FIGURE 8

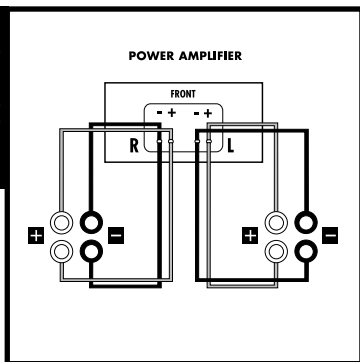


FIGURE 8

Bi-wiring, or using separate speaker wire connections
for high and low frequency sections.

Bicableado, o uso de conexiones de cables de altavoz
separadas para las secciones de alta y baja frecuencia.

Bi-câblage: l'utilisation de câbles distincts pour brancher les
composantes des hautes et des basses fréquences de vos enceintes.

Verwendung von unterschiedlichen Kabelverbindungen
für hohe und niedrige Frequenzen.

FIGURE 9

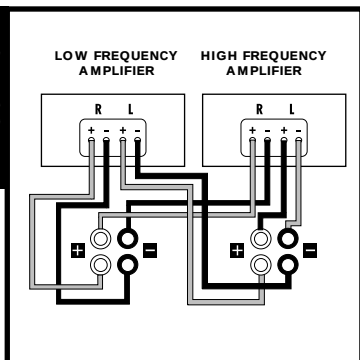


FIGURE 9

Bi-amping, or using separate amplifiers for the low and high frequency sections of your speakers.

Bi-amplificación, o uso de amplificadores separados para las secciones de baja y alta frecuencia de
los altavoces.

Bi-amplification: l'utilisation d'amplis distincts pour alimenter les composantes des hautes et des
basses fréquences de vos enceintes.

Verwendung von unterschiedlichen Verstärkern für niedrige und hohe Frequenzen der Lautsprecher.

WALL MOUNTING THE LSi 7 BOOKSHELF LOUDSPEAKER

The LSi7 Series Bookshelf Loudspeakers feature a rear firing Power Port which doubles as a wall mounting bracket. Follow the steps below to safely wall mount these speakers. Wall mounting requires basic skills in with tools such as a drill and a screwdriver. If you are in doubt that you possess the necessary skills or tools, consult your Polk Audio dealer, or a professional installer.

- Make sure the material on which you plan to mount the speakers (plaster, drywall, paneling, stone, etc.) can support the weight of the speakers (LSi7=approx 21lbs/9.5kg ea).
- Make sure the locations you select do not conceal electrical wiring or plumbing.
- Prior to installation, hold the speaker in the chosen location to make sure it safely clears obstacles such as ceiling, adjacent walls, corners, beams, lighting fixtures and door/window frames.
- Using the keyhole slots in the bracket template (included), mark the installation location of the two keyhole slots with a pencil **[figure 10]**. Orient the template so that the small ends of the keyhole slots are facing “up” according to the direction of installation.
- If you are certain that there is a stud behind the wall surface, drive #10 screws (*not included*) through the wall and into the stud **[figure 11a]**.
- If there is no stud behind the wall at the chosen location, install #10 wall anchors (*not supplied*) into the wall by following the wall-anchor-manufacturer’s instructions. Always use two wall anchors and two screws per speaker **[figure 11b]**.
- For masonry walls, use a masonry drill bit and #10 masonry anchor and screw (*not included*).
- Tighten screws into stud or wall anchors, leaving screw heads protruding 1/16” (1.6mm).
- Line up the keyhole slots on the back of the Power Port so that the screw heads pass through the large center hole of the slots.
- Let the speaker and slide straight down, allowing the screw head to slip behind the smaller end of the keyhole slot **[figure 12]**.
- Tug gently on the speaker to make certain that the screws and bracket are properly aligned and that the wall anchors are secure.
- If the bracket is not held snug against the wall by the screw heads, remove the speaker from the wall, drive the screws in a little further and then remount the speaker.

TAKING CARE OF YOUR LSi SERIES LOUDSPEAKERS

The side panels of your new LSi Loudspeakers are finished in natural wood veneer. Clean these panels periodically with a soft cloth and furniture polish to remove dust and fingerprints. Avoid harsh detergents and cleaning fluids **[figure 13]**. Clean and dust the Gloss Black veneer area with a damp cloth only. Do not use furniture polish on the Gloss Black veneer. Carefully vacuum the grilles to remove dust.

FIGURE 10

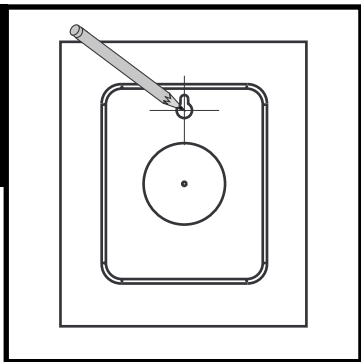


FIGURE 10

Use template to mark mounting location.

Use la plantilla para marcar la ubicación de montaje.

Utilisez le gabarit pour marquer le lieu de fixation.

Verwenden Sie die Schablone zur Markierung der Befestigungsstelle.

FIGURE 11

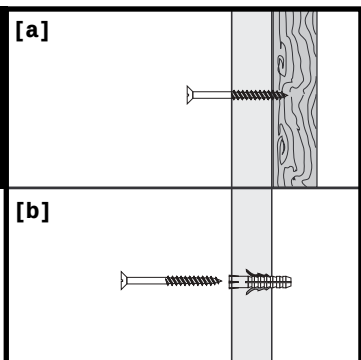


FIGURE 11 a & 11 b

Use #10 screw for wall stud, use #10 (M4.5) wall anchors + screw for no wall stud.

Use un tornillo n° 10 si hay parales internos en la pared, use anclas de pared n° 10 y un tornillo si no hay.

Utilisez des vis #10 pour fixation sur montant ou des chevilles d'ancrage #10 avec vis s'il n'y a pas de montant.

Verwenden Sie eine Schraube (Nr. 10) für Wände mit Holzstielverstärkung bzw. Dübel und Schrauben (Nr. 10) für Wände ohne Holzstielverstärkung.

FIGURE 12

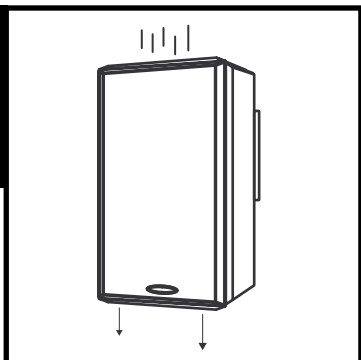


FIGURE 12

Slide the speaker down on the screw heads to catch the keyhole slots.

Deslice el altavoz hacia abajo sobre las cabezas de los tornillos para que entren en las ranuras en forma de cerradura.

Glissez l'enceinte sur les têtes de vis jusqu'à ce que les encoches en trou de serrure s'enclenchent.

Schieben Sie den Lautsprecher auf die Schraubköpfe herunter, so dass sie in den Ritzen einrastet.

FIGURE 13

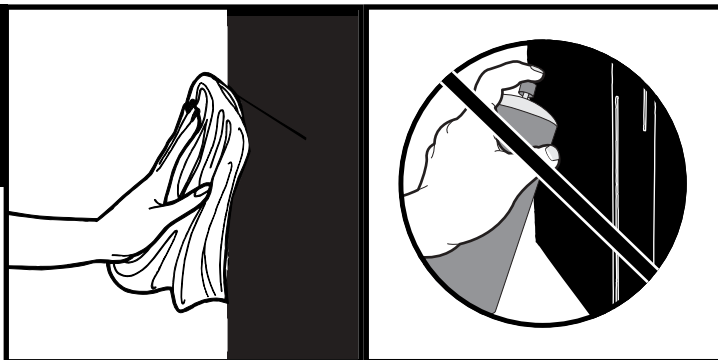


FIGURE 13

Clean wood panels with furniture polish and a soft cloth. Do not use furniture polish on black gloss veneer. Clean black gloss veneer with a damp cloth.

Cuidado del acabado de madera natural.

Entretien de la finition en bois véritable.

Pflege der Holzappretur.

LIMITED FIVE YEAR WARRANTY

Polk Audio, Inc. warrants to the original purchaser only that this Polk Audio Loudspeaker Product (the "Product") will be free from defects in materials and workmanship for a period of five (5) years from the date of original retail purchase from a Polk Audio Authorized Dealer. However, this Warranty will automatically terminate prior to the expiration of the five (5) years if the original retail purchaser sells or otherwise transfers the Product to any other party. The original retail purchaser shall hereinafter be referred to as "you." To allow Polk Audio to offer the best possible warranty service, please fill out the Product Registration Card(s) and send it to the Factory, at the address provided on the Product Cards(s) within ten (10) days of the date of purchase.

Defective Products must be shipped, together with proof of purchase, prepaid insured to the Polk Audio Authorized Dealer from whom you purchased the Product, or to the Factory at 2550 Britannia Boulevard, Suite D, San Diego, California 92154. Products must be shipped in the original shipping container or its equivalent; in any case the risk of loss or damage in transit is to be borne by you. If upon examination at the Factory or Polk Audio Authorized Dealer it is determined that the unit was defective in materials or workmanship at any time during this Warranty period, Polk Audio or the Polk Audio Authorized Dealer will, at its option, repair or replace this Product at no additional charge, except as set forth below. All replaced parts and Products become the property of Polk Audio. Products replaced or repaired under this warranty will be returned to you, within a reasonable time, freight prepaid.

This warranty does not include service or parts to repair damage caused by accident, disaster, misuse, abuse, negligence, inadequate packing or shipping procedures, commercial use, voltage inputs in excess of the rated maximum of the unit, cosmetic appearance of cabinetry not directly attributable to defect in materials or workmanship, or service, repair, or modification of the Product which has not been authorized or approved by Polk Audio. This warranty shall terminate if the Serial number on the Product has been removed, tampered with or defaced.

This warranty is in lieu of all other expressed Warranties. If this Product is defective in materials or workmanship as warranted above, your sole remedy shall be repair or replacement as provided above. In no event will Polk Audio, Inc. be liable to you for any incidental or consequential damages arising out of the use or inability to use the Product, even if Polk Audio, Inc. or a Polk Audio Authorized Dealer has been advised of the possibility of such damages, or for any claim by any other party. Some states do not allow the exclusion or limitation of consequential damages, so the above limitation and exclusion may not apply to you.

All implied warranties on this Product are limited to the duration of this expressed Warranty. Some states do not allow limitation on how long an implied Warranty lasts, so the above limitations may not apply to you. This Warranty gives you specific legal rights, and you also may have other rights which vary from state to state.

This Warranty applies only to Products purchased in the United States of America, its possessions, and U.S. and NATO armed forces exchanges and audio clubs. The Warranty terms and conditions applicable to Products purchased in other countries are available from the Polk Audio Authorized Distributors in such countries.

SPECIFICATIONS

LSi 7

DRIVER COMPLEMENT:

5½"(13.3cm) driver
1"(2.5cm) tweeter

OVERALL FREQUENCY RESPONSE:

45Hz-27kHz

-3DB LIMITS:

53Hz-26kHz

RECOMMENDED AMPLIFICATION:

20-150 watts/channel

EFFICIENCY (1M,1W):

88dB

IMPEDANCE:

Nominal 4 Ohms

CROSSOVER FREQUENCY:

2.4k

CROSSOVER SLOPE:

3rd Order HP, 2nd Order LP

ENCLOSURE TYPE:

Ported

DIMENSIONS:

14½"H x 8¾"W x 10¼"D
(36.2cmH x 21.9cmW x 26cmD)

SHIPPING WEIGHT:

42lbs (19.1kg) pair
21lbs (9.5kg) each, unpacked

LSi 9

DRIVER COMPLEMENT:

2 - 5¼"(13.3cm) drivers
1"(2.5cm) tweeter

OVERALL FREQUENCY RESPONSE:

38Hz-27kHz

-3DB LIMITS:

50Hz-26kHz

RECOMMENDED AMPLIFICATION:

20-200 watts/channel

EFFICIENCY (1M,1W):

88dB

IMPEDANCE:

Nominal 4 Ohms

CROSSOVER FREQUENCY:

2.4k, 200Hz

CROSSOVER SLOPE:

3rd Order HP, 2nd Order LP, cascaded

ENCLOSURE TYPE:

Ported

DIMENSIONS:

15½"H x 8¾"W x 15¼"D
(39.4cmH x 21.9cmW x 38.7cmD)

SHIPPING WEIGHT:

66lbs (29.9kg) pair
32.2 lbs (14.6kg) each, unpacked

LSi 15

DRIVER COMPLEMENT:

2 - 5¼"(13.3cm) drivers
1"(2.5cm) tweeter
8"(20.3cm)

OVERALL FREQUENCY RESPONSE:

22Hz-27kHz

-3DB LIMITS:

32Hz-26kHz

RECOMMENDED AMPLIFICATION:

20-250 watts/channel

EFFICIENCY (1M,1W):

88dB

IMPEDANCE:

Nominal 4 Ohms

CROSSOVER FREQUENCY:

150Hz, 800Hz, 2.4k

CROSSOVER SLOPE:

woofer: 2nd Order LP
driver: 1st Order HP, 2nd Order LP, cascaded
tweeter: 3rd Order HP

ENCLOSURE TYPE:

Ported

DIMENSIONS:

45½"H(with feet) x 9¾"W x 12½"D
(115.6cmH x 24.4cmW x 32.5cmD)

44½"H(without feet) x 9¾"W x 12½"D
(113cmH x 24.4cmW x 32.5cmD)

GREATEST OVERALL DEPTH, GRILLE TO HEAT SINK:

13¾" (33.9cm)

BASE DIMENSIONS:

9½"W x 13¾"D (24.6cm x 34cm)

SHIPPING WEIGHT:

70lbs (31.5kg)

POLK AUDIO HISTORY—A PASSION FOR SOUND

Polk Audio was founded in Baltimore in 1972 by Johns Hopkins University graduates Matthew Polk and George Klopfer. Today, Polk Audio is a leading international manufacturer of high quality home, car and multimedia loudspeakers. Polk products emphasize superior sound and build quality, and feature many patented and award-winning innovations. Polk Audio has built a reputation as "The Speaker Specialists." Polk products are sold throughout the USA, Canada and in over 50 countries around the world. Polk Audio's mission has always been to build high quality, great sounding speakers at affordable prices. For the people of Polk Audio, building speakers is not just a job; it's a *passion*.