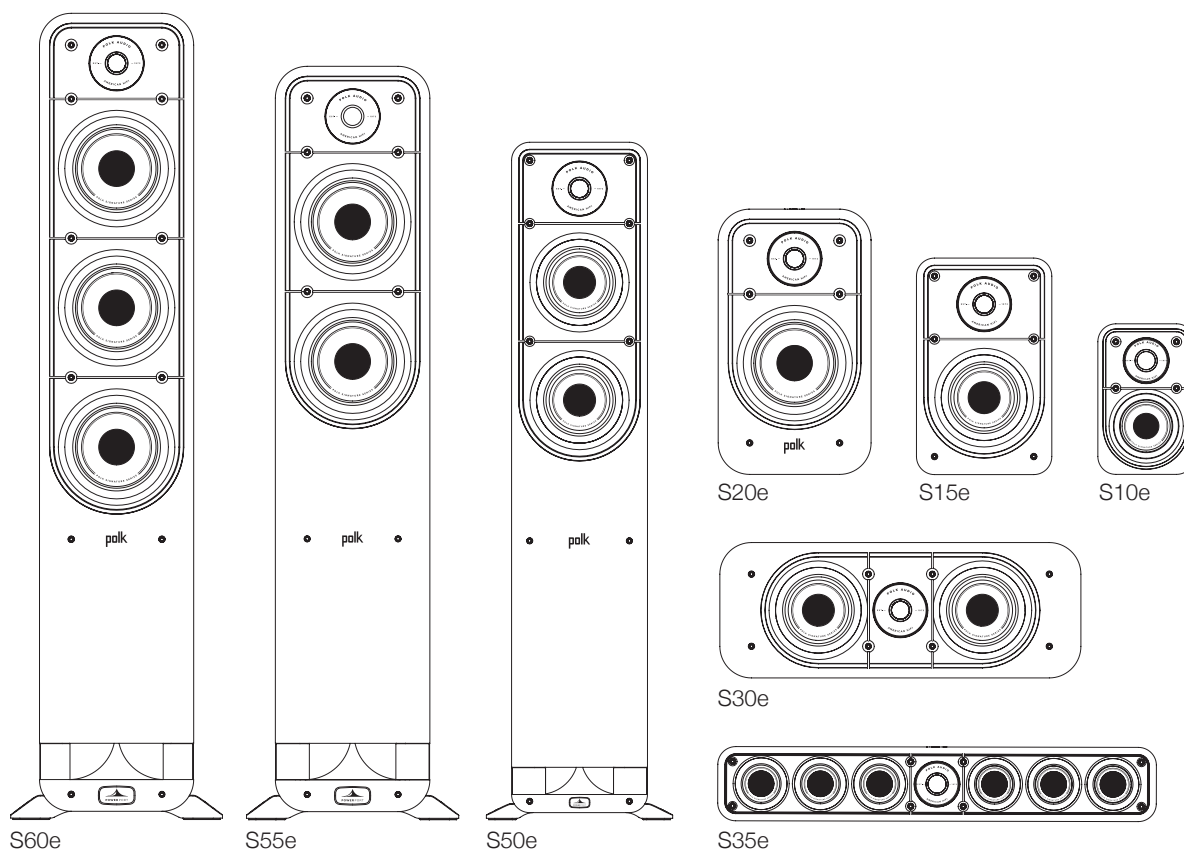




EXPECT GREAT SOUND



Signature Series Owner's Manual

S60e, S55e, S50e, S35e, S30e, S20e, S15e, S10e



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Expect Great Sound

Thank you for choosing the Polk Signature Series of loudspeakers. This new line is bold, stylish and quality-built for performance. The high efficiency Signature Series features Polk patented Dynamic Balance® tuned drivers and tweeters for clearer highs and more realistic mid-range. Power Port® technology creates bigger, more musical, deep bass impact. The Polk Signature Series is equipped with an expanded array of high performance state-of-the-art audio technologies that elevate home theater and music with incredible detail. And with their American modern styling, each speaker features gorgeous curves and aggressive accents that fits any décor. Pure and simple, the Polk Signature Series are American HiFi engineered and designed with your entertainment in mind

Having built our reputation as “The Speaker Specialists” for more than 40 years, we take pride in our superior sound and build quality, which features many patented and award-winning audio innovations. For the people of Polk, building audio products is not just a job—it’s a passion. And if you’re going to remember one thing, remember this: We live by the truest principle of what audio should deliver—great sound at an affordable price for everyone!

Technical Assistance or Service

If anything is missing or damaged, or if your speaker fails to operate, notify Polk Audio Customer Service immediately at 800-377-7655 (M-F, 9 a.m. - 5:30 p.m. EST, US & Canada only). If, after following the hookup directions, you experience difficulty, please double-check all wire connections. Should you isolate the problem to the speaker, contact the authorized Polk Audio dealer where you made your purchase, or contact Polk Audio Customer Service 800-377-7655 (M-F, 9 a.m. - 5:30 p.m. EST, US & Canada only) or via email polkcs@polkaudio.com. Outside the US & Canada, please visit www.polkaudio.com for support contact details.

WARNING: Listen Carefully

Polk Audio loudspeakers and subwoofers are capable of playing at extremely high volume levels, which could cause serious or permanent hearing damage. Polk Audio, Inc. accepts no liability for hearing loss, bodily injury or property damage resulting from the misuse of its products. Keep these guidelines in mind and always use your own good judgment when controlling volume:

- Limit prolonged exposure to volumes that exceed 85 decibels (dB). For more about safe volume levels, go to the Occupational Health and Safety Administration (OSHA) guidelines at <http://www.osha.gov/>.

Product Disposal

Certain international, national and/or local laws and/or regulations may apply regarding the disposal of this product. For more information, please contact the retailer where you purchased this product or the Polk Importer/Distributor in your country. More information is also available at www.polkaudio.com or by contacting Polk Audio at 1 Viper Way, Vista, California, 92081, USA.

Phone: 1-800-377-7655.

This symbol on our electrical products or their packaging indicates that it is forbidden in Europe to discard the product in question as domestic waste. In order to ensure that you dispose of the products correctly, please dispose of the products according to local laws and regulations on the disposal of electrical and electronic equipment. In doing so you are contributing to the retention of natural resources and to the promotion of environmental protection by the treatment and disposal of electronic waste.



Safety Instructions

This product was designed and manufactured to meet strict quality and safety standards. Please note the following installation and operation precautions:

- 1. Read Instructions.** All the safety and operating instructions should be read before the system is operated.
- 2. Retain Instructions.** The safety and operating instructions should be retained for future reference.
- 3. Heed Warnings.** All warnings on the products and in the operating instructions should be adhered to.
- 4. Follow Instructions.** All operating and use instructions should be followed.
- 5. Damage Requiring Service.** Unplug this product from the amplifier or receiver and refer servicing to qualified service personnel under the following conditions:
 - a. If liquid has been spilled, or objects have fallen into the product.
 - b. If the product has been exposed to rain or water.
 - c. If the product does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions, as an improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to its normal operation.
 - d. If the product has been dropped or the cabinet has been damaged.
 - e. When the product exhibits a distinct change in performance this indicates a need for service.
- 6. Carts and Stands.** The products should be used only with a cart or stand that is recommended by the manufacturer. An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn. Use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 7. Correct Use.** This product is not intended for use outdoors.
- 8. Register Your Product.** Registering your product is the best way to ensure we can contact you regarding safety notices.

Safe Limits of Operation

Polk Audio specifies the recommended amplification range for each of its passive (non-amplified) loudspeakers. Typically that specification will be expressed as a range of power such as 20-200 Watts (per channel). It is important to understand what those numbers mean when choosing a receiver or amplifier for your Polk loudspeakers. The lower number indicates the lowest continuous rated power that will yield acceptable performance in a typical listening environment. The higher number indicates the highest per channel power that should be used with your Polk speakers. That number should not be confused with a "Power Handling" specification, and it does not imply that the speaker will safely handle that full amount of power on a long-term basis. We specify a wide range of power ratings because not all electronics manufacturers use the same method for rating power. In fact, high quality lower-rated amplifiers sound better and play louder than low quality units with higher power rating.

Similarly, we recommend using amplifiers and receivers with rated power above the Power Handling limits of our speakers because having extra power available for short term peaks is conducive to better sound quality, maximum dynamic range and effortless high volume output. But we strongly urge you not to use the full power of your amplifier or receiver for daily listening.

Loudspeakers can be damaged when an amplifier, regardless of its wattage, is made to play at higher listening levels than its power can clearly produce. Operation at this level can result in very high levels of audible distortion originating in the amplifier, which can add a harsh, gritty sound to your listening material. Simply put, avoid excessive amplifier volume. If you hear distortion—turn the volume down or risk damaging your speakers. You can damage just about any speaker, regardless of power rating, if you drive an amplifier to or beyond the point of distortion. And always make sure the amplifier is turned off when you're connecting or disconnecting cables.



What's In the Box

Each box contains:

1. Loudspeaker(s)
2. Owner's manual
3. Registration card
4. Adhesive-backed rubber pads (*eight for bookshelf speakers or four for center channel speakers*)
5. Wall mount template (*for S35e, S15e and S10e only*)
(*Speaker cable not included*)

How to Connect Your System

To get the best sound quality, it's important to wire your speakers correctly.

Wire Preparation

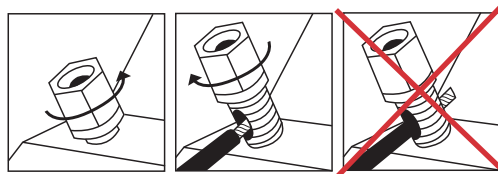
Follow the hookup directions included with your receiver/ amplifier. Strip 1/2" (12.7mm) of insulation from each of the two conductors of the wire to expose the bare metal and twist each of the individual conductors into single unfrayed strands. Note that one of the terminals on the rear of each speaker is red (+) and the other is black (-). Make certain that you connect the wire from the positive (+) terminal of your amplifier or receiver to the red (+) terminal on your speaker and the wire from the negative (-) 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.

These recommendations are for all connections from the amplifier/receiver to each speaker:

Runs	Gauge	mm2
Lengths up to 25' (5 m)	16 or better	1,5 or better
Lengths greater than 25' (5 m) but less than 50' (15 m)	14	2,5 or better
Lengths greater than 50' (15 m) but less than 75' (25 m)	12	4,0 or better
Lengths greater than 75' (25 m)	10	6,0 or better

Binding Posts

To connect wire to the binding post, unscrew the binding post cap 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. Tighten the binding post cap until it seats firmly with the wire, but do not over tighten.



Connectors

You have several options when choosing connectors for your speaker wires, and it's really a matter of personal preference. Three of the more commonly used are banana plugs, spade lugs and bare wire. If you know where you want to locate your speakers and plan to set up your system and leave them there, then bare wire will work fine. Just make sure there are not stray strands of wire that could come into contact. If you like to experiment with different speaker locations, spade lugs or banana plugs offer more convenient options when it comes to disconnecting and reconnecting wires.

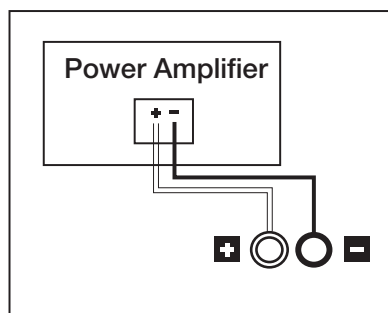
Banana Plugs (US only)

Signature Series binding posts have openings in the ends of their caps to accept individual and dual banana plugs. To use banana plugs, carefully pry out the binding post plugs to expose banana plug holes. The binding posts can accept dual banana plugs.

Basic Tower, Center, Bookshelf and Satellite Surround Speaker Hookup

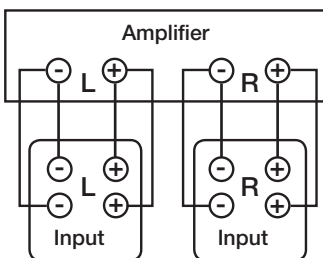
(S60e, S55e, S50e, S35e, S30e, S20e, S15e, S10e)

Make sure that the red (+) and black (-) connectors on your amplifier or receiver connect to the red (+) and black (-) connectors on your speakers. If your speakers sound "thin," with little bass and little or no center image, odds are that one of the speaker wires is connected backwards. Double check all connections.



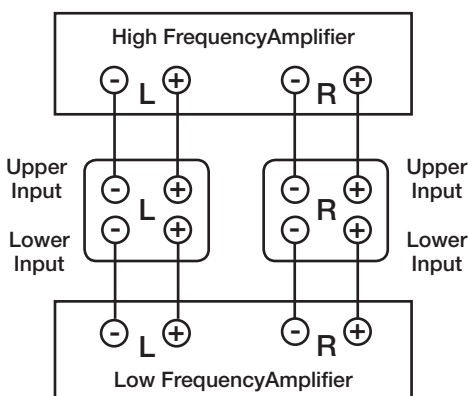
Bi-Wiring (S60e, S55e and S50e Towers)

Bi-wiring can provide noticeable improvements in the overall transparency of your loudspeakers. After removing the jumpers, run separate speaker wires to the low and high frequency drivers from a single amplifier (the upper set of binding posts are for the high frequency drivers, the lower set of binding posts are for the low frequency drivers). Connect one set of speaker wires to the upper terminals on each speaker and one set of wires to the lower terminals. Connect the other ends of both wire sets to the same amplifier outputs. See Amplifier/AVR's user manual for configuration instructions.



Bi-Amping (S60e, S55e, S50e Towers)

Bi-amping allows you to use separate amplifiers for the high and low frequency sections of your loudspeaker for greater dynamic range and lower distortion. We recommend that your separate amplifiers have identical gain to preserve the speaker's voicing balance. 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. See Amplifier/AVR's user manual for configuration instructions.



Placement Recommendations for the S35e and S30e Center Channel Speaker

The most popular placement for your S35e or S30e center channel speaker is on a shelf below your flat screen TV (if you have an older box TV, a popular option is to place your center channel speaker on top of it, anchoring the dialogue and effects to the screen).

Note: For older TV's, the S35e and S30e are NOT magnetically shielded.

Also compatible as a left, center or right speaker (L/C/R), the S35e center channel speaker includes built in keyhole slots for easy wall-mounting (see instructions on wall mount template for more information).

Processor Mode

Note: Set these speakers (S35e, S30e, S20e, S15e, S10e) to "small" in your receiver's Bass Management Settings. Set to "large" for tower speakers (S60e, S55e, S50e).

The "bass management" or "speaker configuration" menus of most surround receivers offer the choice of "normal" or "wide" modes for smaller speaker operation. In discrete channel digital processors, these modes are referred to as "small" and "large." Normal (small) mode filters bass frequencies from center channel, bookshelf and satellite surround speakers, and sends them instead to the front left and right main speakers or to the subwoofer output (LFE) jack. Wide (large) mode sends an unfiltered, full-range signal to these speakers. Use the Small (normal) mode for optimum center and surround channel performance and reliability.

Signature Series Speaker Positioning

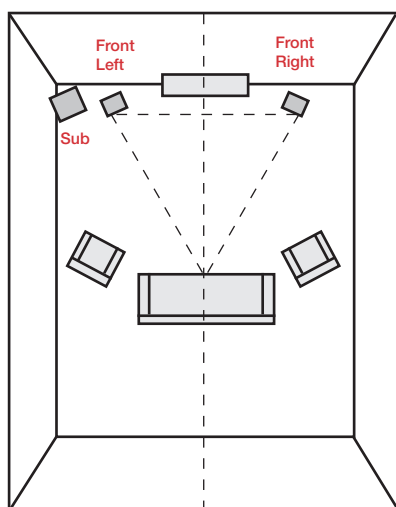
To maximize the sound quality of your speaker system — whether you've purchased tower speakers, a center channel speaker, bookshelf speakers, or satellite surround speakers — correct placement is everything. Take a look at the following examples and give them a try based on the Signature Series speakers you've purchased.

Note: Your Signature Series speakers are compatible with 2.0, 2.1, 3.1, 5.1, 7.1 and 9.1 setups (optional subwoofer shown in graphics).



Listening in 2.1 System

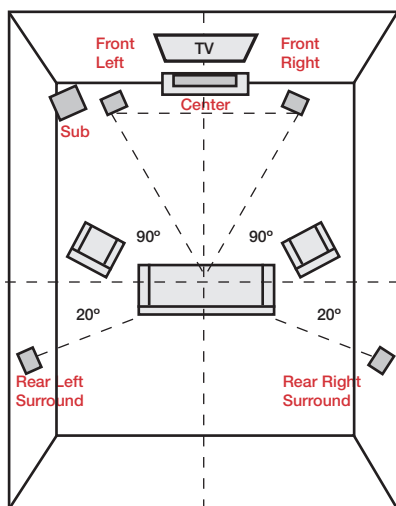
Get the most realistic stereo image by placing speakers as far apart as the listeners are sitting from them. If room conditions require that you place the speakers farther apart, you may choose to angle the speakers toward the middle to support a more solid center image.



Listening in 5.1 Surround

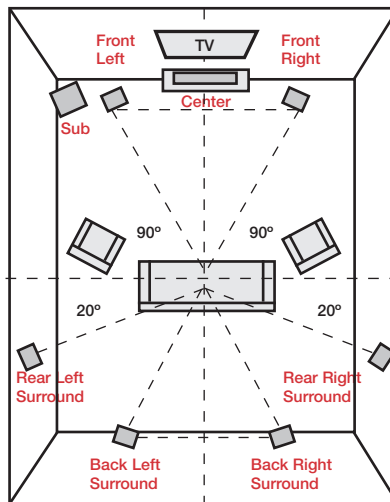
You can use the Signature Series speakers as rear surround speakers in a Polk Audio home theater surround system. Ideal rear channel surround speaker placement is on a side wall, slightly behind and above the listening position.

Note: If you cannot place rear surrounds on the side walls, position them on the rear wall above the listening position.



Listening in 7.1 Surround

Enjoy added depth to your surround sound experience with four rear surround speakers instead of two.



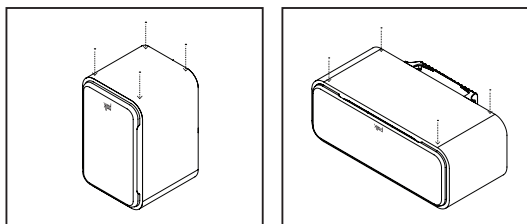
Wall Mountable Speakers (S35e, S15e, S10e)

These speakers feature built-in keyhole slots and a threaded screw insert (S10e only) for easy wall mounting. Use included wall mount template to safely wall mount these speakers.

Adding Adhesive-Backed Rubber Feet

(S30e, S35e, S20e, S15e, S10e)

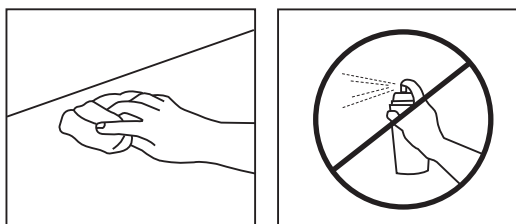
To keep your Signature Series speakers firmly in place and prevent damage to floors or furniture, it's a smart idea to attach the included adhesive-backed rubber feet to the bottom of your speaker.



Peel and stick in corners of speaker enclosure

Cleaning Your Polk Speakers

You bought Polk quality for a reason. Keep your speakers looking good for years to come with these simple tips.



Clean cabinet with a damp cloth. Do not use furniture polish on veneer.

Signature Series Specifications			
	S60e	S55e	S50e
	Full Range Passive floorstanding Loudspeaker	Full Range Passive floorstanding Loudspeaker	Full Range Passive floorstanding Loudspeaker
Transducers			
Tweeter	1 — 1in Terylene High-Res Dome Tweeter	1 — 1in Terylene High-Res Dome Tweeter	1 — 1in Terylene High-Res Dome Tweeter
Mid-bass	3 — 6.5in Dynamic Balance Mica Reinforced Polypropylene Drivers	2 — 6.5in Dynamic Balance Mica Reinforced Polypropylene Drivers	2 — 5.25in Dynamic Balance Mica Reinforced Polypropylene Drivers
Crossover Frequency	2.4 kHz	2.4 kHz	2.3 kHz
General			
Recommended Amplification (wpc)	20–300	20–200	20–150
Impedance	Compatible with 8 ohm outputs	Compatible with 8 ohm outputs	Compatible with 8 ohm outputs
Overall Frequency Response	36 Hz–40 kHz	40 Hz–40 kHz	42 Hz–40 kHz
Sensitivity	90 dB	89 dB	88 dB
Electrical Inputs	Dual gold-plated 5-way binding posts	Dual gold-plated 5-way binding posts	Dual gold-plated 5-way binding posts
Weights and Dimensions			
Height (inches/mm)	44.5 / 1130	41.5 / 1054	37.4 / 950
Width (inches/mm)	8.5 / 216	8.5 / 216	7.5 / 191
Depth (inches/mm)	15.7 / 399	12.5 / 318	10.9 / 277
Width including feet (inches/mm)	11.7 / 297	11.7 / 297	10.3 / 262
Weight	52 lbs. / 23.6 kg	44 lbs. / 20kg	32 lbs. / 14.5kg



Signature Series Specifications

	S35e	S30e	S20e	S15e	S10e
	Left/Center/Right (L/C/R) Loudspeaker	Dedicated Center Center Loudspeaker	Full Range Passive Bookshelf Loudspeaker	Full Range Passive Bookshelf Loudspeaker	Uni-Pole Surround Loudspeaker
Transducers					
Tweeter	1 — 1in Terylene High-Res Dome Tweeter	1 — 1in Terylene High-Res Dome Tweeter	1 — 1in Terylene High-Res Dome Tweeter	1 — 1in Terylene High-Res Dome Tweeter	1 — 1in Terylene High-Res Dome Tweeter
Mid-bass	6–3in Dynamic Balance Mica Reinforced Polypropylene Drivers	2–5.25in Dynamic Balance Mica Reinforced Polypropylene Drivers	1–6.5in Dynamic Balance Mica Reinforced Polypropylene Driver	1–5.25in Dynamic Balance Mica Reinforced Polypropylene Driver	1–4in Dynamic Balance Mica Reinforced Polypropylene Driver
Crossover Frequency	2.7 kHz	2.8 kHz	2.4 kHz	2.3 kHz	2.1 kHz
Wall Mounting Option — Key Hole slot	Yes	No	No	Yes	Yes
Wall Mounting Option — 1/4" -20 Threaded Insert	No	No	No	No	Yes
General					
Recommended Amplification (wpc)	20–150	20–125	20–125	20–100	20–100
Impedance	Compatible with 8 ohm outputs	Compatible with 8 ohm outputs	Compatible with 8 ohm outputs	Compatible with 8 ohm outputs	Compatible with 8 ohm outputs
Overall Frequency Response	70 Hz–40 kHz	55 Hz–40 kHz	44 Hz–40 kHz	48 Hz–40 kHz	75 Hz–40 kHz
Sensitivity	89 dB	89 dB	88 dB	87 dB	85 dB
Electrical Inputs	Single gold-plated 5-way binding posts	Single gold-plated 5-way binding posts	Single gold-plated 5-way binding posts	Single gold-plated 5-way binding posts	Single gold-plated 5-way binding posts
Weights and Dimensions					
Height (inches / mm)	4.1 / 104	7.5 / 191	14.8 / 376	12 / 305	8.4 / 213
Width (inches / mm)	24.4 / 620	20 / 508	8.5 / 216	7.5 / 191	5.4 / 137
Depth (inches / mm)	6.1 / 156	10.6 / 269	13.8 / 351	10.2 / 259	6.1 / 155
Weight	14 lbs / 6.4kg	19 lbs / 8.6kg	17 lbs / 7.7kg	13 lbs / 5.9kg	6 lbs / 2.7kg

Limited 5-Year Warranty

Polk Audio, Inc., warrants to the original retail purchaser only. This warranty will terminate automatically prior to its stated expiration if the original retail purchaser sells or transfers the product to any other party.

Polk Audio, Inc., warrants, to the original retail purchaser only, that the LOUDSPEAKER(S), PASSIVE CROSSOVER COMPONENT(S) and ENCLOSURE on this Polk Loudspeaker Product will be free from defects in material and workmanship for a period of **five (5) years from the date of original retail purchase from a Polk Audio Authorized Dealer.**

To allow Polk to offer the best possible warranty service, please register your new product online at: www.polkaudio.com/ registration or call Polk customer service: Monday - Friday (9am -5:30pm ET) 800-377-7655 in the USA and Canada within ten (10) days of the date of original purchase. Be sure to keep your original purchase receipt.

Defective Products must be shipped, together with proof of purchase, prepaid insured to the Polk Authorized Dealer from whom you purchased the Product, or to the Factory at 1 Viper Way, Vista, California 92081. 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 Authorized Dealer it is determined that the unit was defective in materials or workmanship at any time during this Warranty period, Polk or the Polk 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. 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. **This warranty shall terminate if purchased from an unauthorized dealer or if any of 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 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.

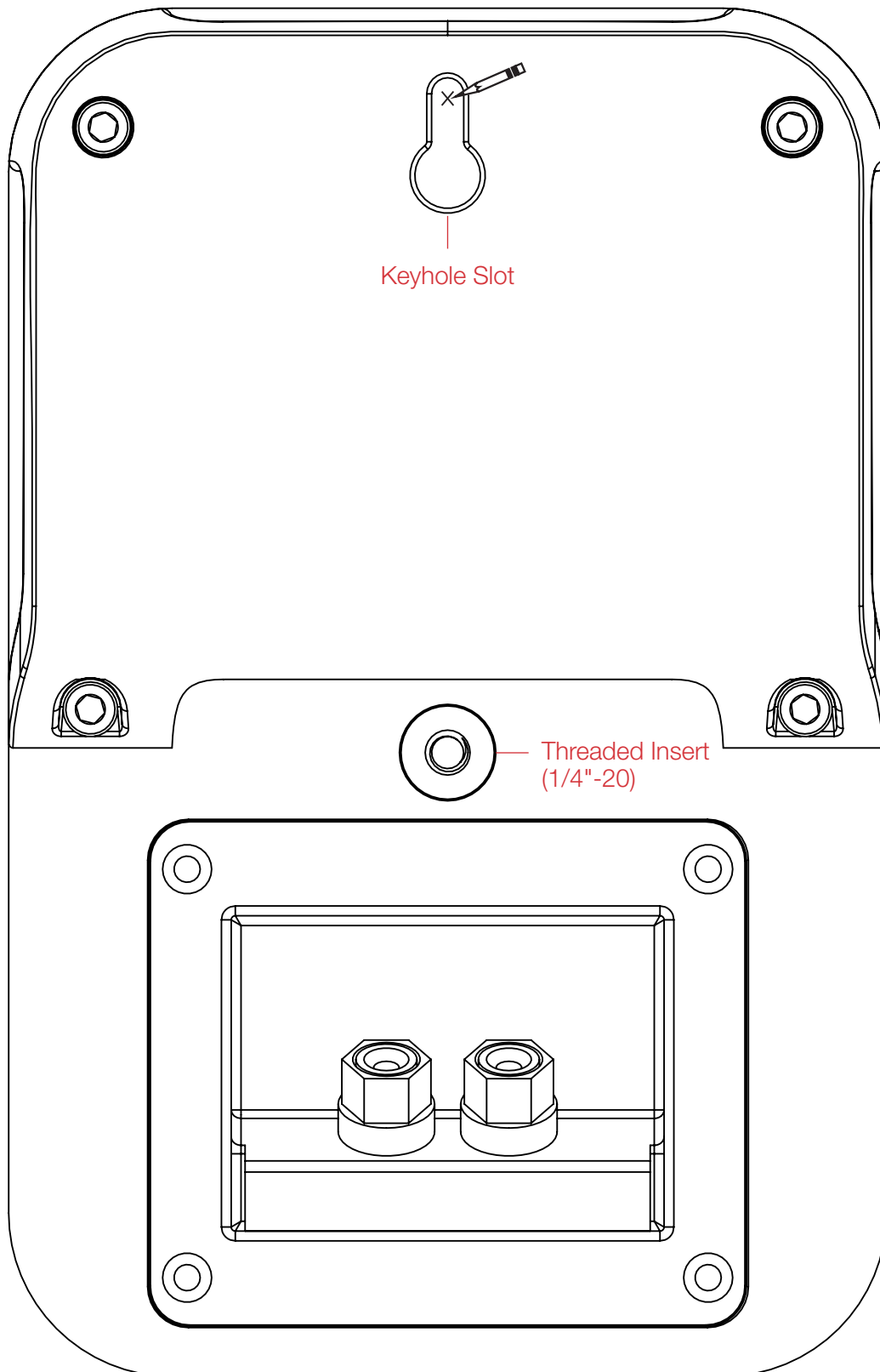
All implied warranties on this Product are limited to the duration of this expressed Warranty. Some states do not allow limitation on how long an implied Warranty lasts, so the above limitations may not apply to you. This Warranty gives you specific legal rights, and you also may have other rights which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

This Warranty applies only to Products purchased in Canada, 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 Authorized Distributors in such countries.

Polk Audio is a DEI Holdings, Inc. Company. Polk Audio, Polk, Power Port and Dynamic Balance are registered trademarks of Polk Audio, LLC. All other trademarks are the property of their respective owners.

Designed and Engineered in U.S.A. Made in China.

S10e Wall Mount Template





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