## O W N E R ' S M A N U A L

# PSW303 PSW404 PSW505 POWERED

SUBWOOFERS





### CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN



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



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.



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.

#### WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

**CAUTION:** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

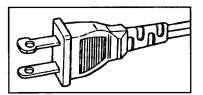
ATTENTION: POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

## IMPORTANT SAFETY INSTRUCTIONS READ BEFORE OPERATING EQUIPMENT

These products were designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

- 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 appliances and in the operating instructions should be adhered to.
- 4. Follow Instructions—All operating and use instructions should be followed.
- 5. Cleaning—Unplug the appliances from wall outlets before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 6. Attachments—Do not use attachments not recommended by the product manufacturer as they may cause hazards.
- 7. Water and Moisture—Do not use these appliances near water-for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool, and the like.

- 8. Accessories—Do not place these appliances on an unstable cart, stand, tripod, bracket, or table. The audio/video products may fall, causing serious injury to a child or adult, and serious damage to the products. Use only with a cart, stand, tripod, bracket, or table recommended by the manufacturer, or sold with the appliances. Any mounting of the appliances should follow the manufacturer's instructions, and should use mounting accessories recommended by the manufacturer.
- 9. Ventilation—Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the appliances and to protect them from overheating, and these openings must not be blocked or covered. The openings should never be blocked by placing the products on a bed, sofa, rug, or other similar surface. These products should never be placed near or over a radiator or heat register. These products should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
- 10. Power Sources—These products should be operated only from the type of power source indicated on the marking labels. If you are not sure of the type of power supply to your home, consult your appliance dealer or local power company. For video products intended to operate from battery power, or other sources, refer to the operating instructions.
- 11. Grounding or Polarization—These products are equipped with polarized alternating-current line plugs (plugs having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the



plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

12. Power-Cord
Protection—Power-supply

cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliances.

- 13. Lightning—For added protection for these audio/video products during a lightning storm, or when they are left un-attended and unused for long periods of time, unplug them from the wall outlet and disconnect the antenna or cable system. This will prevent damage to the products due to lightning and power-line surges.
- 14. Servicing—Do not attempt to service these products yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.
- 15. Damage Requiring Service—Unplug these products from wall outlets and refer servicing to qualified service personnel under the following conditions:
- a. When the power-supply cord or plug is damaged.
- b. If liquid has been spilled, or objects have fallen into the products
- c. If the products have been exposed to rain or water.
- d. If the products do 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.
- e. If the product has been dropped or the cabinet has been damaged.
- f. When the product exhibits a distinct change in performance-this indicates a need for service.
- 16. Replacement Parts—When replacement parts are required, be sure the service technician has used replacement parts specified by the manufacturer or have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock or other hazards.
- 17. Safety Check—Upon completion of any service or repairs to these products, ask the service technician to perform safety checks to determine that the products are in proper operating condition.

#### **GETTING STARTED**

Please inspect your loudspeaker carefully. Notify your Polk dealer if you notice any damage or missing items. Keep the carton and packing material. It will do the best job of protecting your speaker if it needs to be transported.

Note to PSW505 owners only: Your PSW505 system includes a detachable power cord that's packaged seperately from the cabinet. Insert female end into recepticle on amplifier plate and insert polarized AC plug into wall outlet (or power strip) as per safety instructions on inside cover of this manual.

#### PLACEMENT (FIGURES 1, 2 & 3)

Your PSW Series subwoofer offers many placement options—in an entertainment center, behind furniture, or next to a sofa or chair. It can be placed anywhere in the room, but you will get the best performance from it when it is on the same side of the room as the front speakers. Placing it near a wall or in a corner will increase bass loudness. Allow at least 6 inches (15cm) of space between the subwoofer driver and a wall or obstruction (Figure 1). The subwoofer should only be placed on its base (Figure 2). It may lie on its side, but NEVER LAY THE SUB-WOOFER ON THE AMPLIFIER END-THIS WILL DAMAGE THE AMPLIFIER (Figure 3).

Your powered subwoofer is magnetically shielded for placement near video monitors. Allow at least 18" (45cm) of space between your subwoofer and any television. If you notice video distortion or discoloration, immediately move the subwoofer away from the TV and call Polk Audio Customer Service 800-377-7655 (US & Can), 410-358-3600, 9am-6pm EST, Monday through Friday, or email: polkcs@polkaudio.com.

You'll find an informative article on "Subwoofer Positioning and Adjustment" in the set up section at: http://www.polkaudio.com/home/fagad/

#### CONNECTING THE SUBWOOFER TO THE SYSTEM—GENERAL

If you elect to use the speaker level inputs, use two-conductor 16 gauge or thicker speaker wires. See your Polk dealer for wire recommendations.

Note that one of the speaker input terminals on the rear of the speaker is marked red (+) and the other black (-). Make certain that you connect the wire from the red (+) terminal of your amplifier to the red (+) terminal on your speaker, and the wire from the black (-) terminal of the amplifier to the black (-) terminal on your speaker. Most wire has some indication (such as color coding, ribbing, or writing) on one of the two conductors to help maintain consistency. If your subwoofer doesn't seem to produce much bass, it is most likely that one of the speaker wires is connected backwards. Double check all connections for correct polarity.

Strip 1/2" (12mm) of insulation from each of the two conductors on both ends to expose the bare wire. Twist the exposed wire of each conductor to form two un-frayed strands. Connect two conductors to the receiver or amp (refer to the owner's manual supplied with your electronics for assistance with proper hookup). Connect the two conductors on the other end of the wire to the speaker terminals. Repeat for the other channel.

#### USING PUSH-TAB TERMINALS - PSW303 (FIGURE 4)

Push the plastic tab of one connector to open up the hole. Insert the bare wire into the hole, and release the plastic tab. Repeat this step for the other terminal.

Make sure that none of the bare wire ends (left & right) touch. Such contact could result in an electrical short and cause your receiver or amplifier to turn off or malfunction.

#### USING BINDING POST CONNECTIONS - PSW404 AND PSW505(FIGURE 5)

Unscrew binding post hex nuts several turns. Make sure that none of the bare wire ends touch. Such contact could result in an electrical short and cause your amplifier or receiver to turn off or malfunction.

#### RECOMMENDED HOOK-UP METHOD FOR "SATELLITE" SYSTEMS SUCH AS POLK RM SERIES SPEAKERS (FIGURES 6 & 7)

- Connect the left and right front speaker outputs of your receiver or amplifier to the speaker level inputs of the powered subwoofer using speaker wire.
- Then, connect the left and right front satellite speakers using speaker wire from the speaker level outputs from the powered subwoofer.
- If it is more convenient, parallel wire the subwoofer and front satellites from your receiver (Figure 7).
- Connect the Center Channel Speaker directly to the center channel output from your receiver.
- Connect the Rear Surround Satellites directly to the rear or surround channel outputs from your receiver.

#### RECEIVER SET-UP / BASS MANAGEMENT

All surround receivers allow you to "customize" their performance depending on the size of your speakers. Refer to the owner's manual of your receiver or surround processor to learn how this is done. To get the best performance from small "satellite/subwoofer" type systems, use the following settings with the above hook-up method:

Front speakers - set to "large"

Center speaker - set to "normal" or "small"

Surround speakers - set to "small"

Subwoofer – set to "OFF" or "none." (We know. Doesn't make sense, right? Your system obviously has a subwoofer. But really truly, this is the correct setting for the recommended hook-up method. By setting the front left and right speakers to "Large" and routing them through the subwoofer as instructed above, you deliver a full range signal to the subwoofer's low pass filter. The low pass filter directs low frequencies and to the subwoofer. Full range signal is passed to the front speakers, for perfect sub/sat blending.)

#### HOOK-UP METHOD #2 (FIGURE 8)

This method can be used with electronics that include a "SUB OUT" feature (*Figure 8*). It is not recommended for use with compact sub/sat systems. Connect a single RCA cable from the "SUB OUT" of your electronics to the LFE input of the subwoofer. This input bypasses the sub-woofer's variable low pass filter and relies on the filter built into your electronics. If your "SUB OUT" is an unfiltered signal (check your owner's manual), use either left or right "Line Level Input," to use the low pass crossover in the subwoofer. When using method #2, it is necessary to adjust the settings of your electronics as follows: Front speakers = large or small depending on their output capabilities; Subwoofer = "ON."

#### HOOK-UP METHOD #3 (FIGURE 9)

This method is for use with electronics featuring "PRE OUT" jacks—and may be used as a secondary hook up method for use with compact satellite speakers such as Polk RM Series. Connect the left and right preamp output from your electronics to the left and right LINE LEVEL input of the subwoofer. This may require use of RCA "Y" cables (not supplied) to hookup both the subwoofer and your power amplifier. When using method #3, it is necessary to adjust the settings on your preamp/processor as follows: Front speakers = LARGE; Subwoofer = "OFF" or "NO."

#### AC POWER CONNECTION AND AUTO ON/OFF (FIGURES 10, 11 & 12)

These PSW series subwoofers feature auto on/off circuitry, marked "auto" on the power switch, that automatically turns your subwoofer on when it senses a program signal. When no signal is present, the circuit turns the subwoofer off after a few minutes. If you are concerned about the brief delay between when the music starts and when the subwoofer turns on, simply leave your subwoofer in the "on" position. When the power switch is set to "OFF" (PSW303 or PSW404) or "STANDBY" (PSW505) it consumes a low amount of power. If this is a concern, you may want to leave your PSW system unplugged during extended periods of non use, such as during a vacation.

Note (PSW505 owners only): Your PSW505 has a detachable power cord.

#### SUBWOOFER ADJUSTMENTS (FIGURES 10, 11 & 12)

Your Powered Subwoofer offers a range of setting options. We recommend the following settings as starting points, but the settings that are best for you depend upon your speaker placement, electronics and personal taste. After you've become familiar with what the settings do, experiment with alternate options to find the method that works best for your system setup. You'll find an informative article on "Subwoofer Positioning and Adjustment" in the set up section at: http://www.polkaudio.com/home/faqad/

#### "MAKING ADJUSTMENTS" OR "FINE TUNING" (FIGURES 10, 11 & 12)

- For RM System adjustments please refer to their owners manuals.
- · Volume-Adjust by ear using a wide variety of CDs and video sources. Adjust for deep, powerful bass without "boominess."
- Low Pass—This control adjusts the frequency range over which the subwoofer operates. When using smaller main speakers, the upper range of the control will probably yield the best results. With larger speakers, the lower end of the control range will probably sound best, but always let your ear be the final judge. If male vocals sound "thin," turn this control up until the voice sounds rich but not boomy. If male vocals sound too "thick" or "chesty," turn this control down until the voice sounds natural. NOTE: This control does not operate when the subwoofer is connected with Method #2 (LFE Input).
- Phase Switch—Have someone switch between the two settings while you sit in your favorite listening position. Use music with good bass
  and a deep male vocal. When you hear the best balance of deep bass and natural lower octaves of the male voice, you have achieved optimum phase tuning.

#### 4 Contact Polk Audio Customer Service 1-800-377-7655, polkcs@polkaudio.com

#### Q: "Why does my system hum?"

#### A: "Because it doesn't know the words."

This is what passes for humor in the audio business. Here's the real answer: If you have any electrical (50/60Hz) hum in your system you're going to hear it clearly as soon as you hook up your subwoofer. Most hum problems are caused by "ground loops." That is, the electrical grounds of the components in your system are not at the same electrical potential. A very common ground loop source is cable TV. Disconnect the coaxial cable from your TV and/or VCR. If the hum goes away, the cable is the ground loop villain. In that case you need a 75 ohm ground loop isolator. This device attaches to your coaxial cable where it plugs into your VCR (or television). They're simple to install and usually solve the hum problem. Find 75 ohm ground loop isolators at your audio dealer, Radio Shack stores, or online at http://shop.polkaudio.com.

Ground loops and hum can also be the result of faulty electrical wiring in your home. Consult a licensed electrician to evaluate and, if necessary, repair the AC wiring in your home. Light dimmers also tend to introduce noise into audio systems. Remove them.

If none of our suggestions work for you, contact Polk Audio Customer Service 800-377-7655 (US & Canada), 410-358-3600, 9am-6pm EST, Monday through Friday, or email: polkcs@polkaudio.com.

#### TECHNICAL ASSISTANCE OR SERVICE

If, after following these hook up 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 call Polk Audio's friendly Customer Service Department at 1-800-377-7655 (calls from US or CAN only), 410-358-3600 9am to 6pm EST, Monday through Friday. You may also contact us via email: polkcs@polkaudio.com.

For more detailed hook up information and manual updates, visit:

http://www.polkaudio.com/home/products/subwoofers/psw303

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

For recommended accessories (including speaker stands, brackets, accessories and exclusive Polk Audio logowear), visit our Webstore: http://shop.polkaudio.com

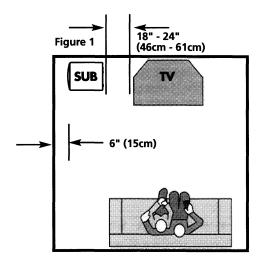


Figure 2 OK

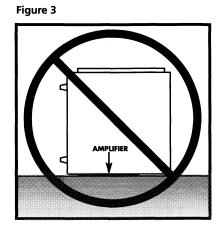
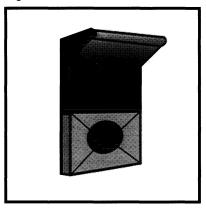


Figure 4



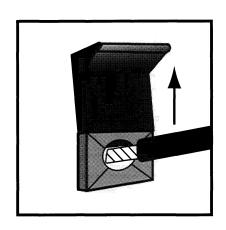
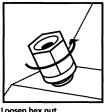


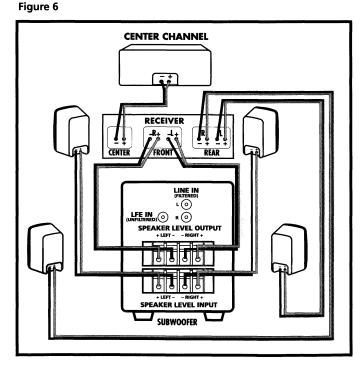
Figure 5 **USING BINDING POST CONNECTIONS** 



Insert speaker wire through hole

RECOMMENDED HOOKUP

This method is the best choice when using small satellite systems such as the Polk RM Series.



Loosen hex nut





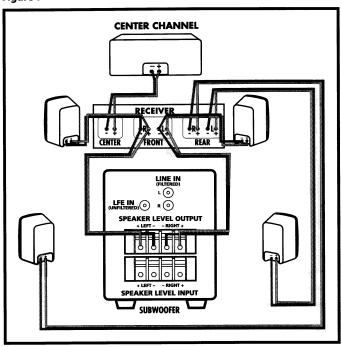
Do not insert insulated section of speaker wire

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.)

Contact Polk Audio Customer Service 1-800-377-7655, polkcs@polkaudio.com

Figure 7

PARALLEL WIRE HOOKUP



SUB OUT HOOKUP This method is for use with electronics that include a "SUB OUT" feature

Figure 8 FRONT CHANNEL FRONT CHANNEL RECEIVER SUB-OUT RCA CABLE LINE IN LFE IN O R O SPEAKER LEVEL OUTPUT SPEAKER LEVEL INPUT SUBWOOFER

Figure 9

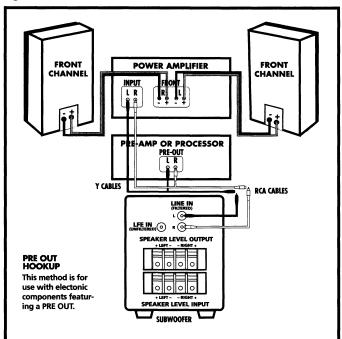


Figure 10 - PSW303 Controls

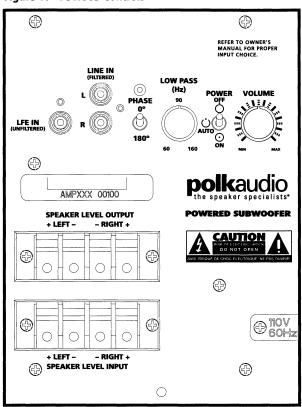


Figure 11 - PSW404 Controls

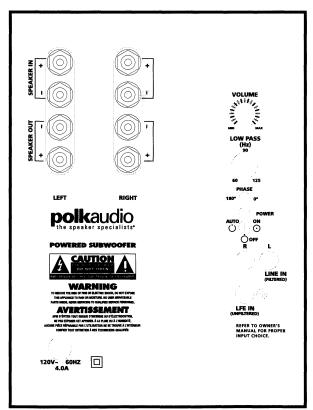
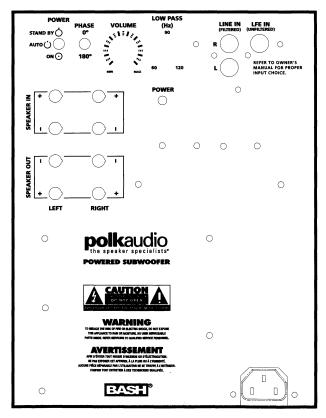


Figure 12 - PSW505 Controls



#### **SPECIFICATIONS** PSW303 POWERED SUBWOOFER

Overall Frequency Response	28Hz - 200Hz			
-3dB Frequency Response	35Hz - 160Hz			
Driver Complement	8" (20.3cm) long throw, magnetically shielded			
Power Amplifier:	100 Watts continuous, 260 Watts dynamic			
Size & Weight	Dimensions (H x W x D)	Weight		
	12%" × 11¼" × 17"	30 lbs		
	31.4cm x 28.6cm x 43.2cm 14 kg			
Shipping Weight	32 lbs. total (15 kg)			

#### PSW404 POWERED SUBWOOFER

Overall Frequency Response	25Hz - 200Hz			
-3dB Frequency Response	32Hz - 160Hz			
Driver Complement	10" (25.4cm) long throw, magnetically shielded			
Power Amplifier:	200 Watts continuous, 375 Watts dynamic			
Size & Weight	Dimensions (H x W x D)	Weight		
	14%" x 13%" x 18"	46 lbs		
	36.5cm x 34.7cm x 45.7cm	21 kg		
Shipping Weight	50 lbs. total (23 kg)			

#### PSW505 POWERED SUBWOOFER

Overall Frequency Response -3dB Frequency Response	23Hz - 160Hz		
	28Hz - 125Hz		
Driver Complement	12" (30.5cm) long throw, magnetically shielded		
Power Amplifier:	300 Watts continuous, 460 Watts dynamic		
Size & Weight	Dimensions (H x W x D)	Weight	
	16¼" × 15¼" × 17½"	43 lbs	
	41.3cm x 38.7cm x 44.5cm	19 kg	
Shipping Weight	48 lbs. total (21 kg)		

Note: Specifications are subject to change without notice.

#### POLK AUDIO LIMITED 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 Audio 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.

Furthermore, Polk Audio, Inc., warrants, to the original retail purchaser only, that any AMPLIFIER OR OTHER ELECTRONIC COMPONENT that may be included in this Polk Audio Loudspeaker Product will be free from defects in material and workmanship for a period of three (3) years from the date of original retail purchase from a Polk Audio Authorized Dealer.

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 Registration Card(s) within ten (10) days of the date of original 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.



Polk Audio 5601 Metro Drive Baltimore, Maryland 21215 (800) 377-7655

RM3035-2

# REGISTER Online



It's faster...easier...and you get **COOL** stuff!

#### Register on-line to get:



- An entry into a monthly drawing for a free Polk subwoofer (home or car, your choice)
- The **peace of mind** that we have a record of your purchase to verify purchase date and warranty status.
- **Privacy**. The data we gather on our on-line registration is never sold or otherwise shared with <u>anyone</u>.
- Free membership in Club Polk. Club Polk members enjoy valuable services and benefits not available to the general public.
- A free subscription to Polk's newspaper *The Speaker Specialist*, to help you get better performance and more enjoyment from your audio system.



www.polkaudio.com/home/registration

RM0320-4

# **PRODUCT REGISTRATION CARD**

# polkaudio the speaker specialists.

By completing and returning the attached Product Registration Card you will:

- CONFIRM YOUR WARRANTY
- REGISTER YOUR PRODUCT
- PROTECT YOUR NEW PRODUCT

# RETURN THIS CARD TODAY AND RECEIVE THESE 3 IMPORTANT BENEFITS:



## **WARRANTY CONFIRMATION:**

Your prompt product registration confirms your right to the protection available under the terms and conditions of your Polk Audio warranty.



## **PRODUCT PROTECTION:**

We will keep the model number and date of purchase of your speakers on file in the event of an insurance claim such as theft or loss.



## **PRODUCT REGISTRATION:**

Returning this card is your only way to guarantee that you will be notified by Polk Audio of any issues that arise concerning this product.

# Thank you for purchasing



#### Please send other correspondence to:

Polk Audio, Inc. 5601 Metro Drive Baltimore, MD 21215



NECESSARY
IF MAILED
IN THE
UNITED STATES

NO POSTAGE

# **BUSINESS REPLY MAIL**

FIRST-CLASS MAIL PERMIT NO. 18230 BALTIMORE, MD

POSTAGE WILL BE PAID BY ADDRESSEE



PRODUCT REGISTRATION DEPARTMENT 5601 METRO DRIVE BALTIMORE MD 21215-9956



Thank you for your purchase. We at Polk Audio feel you are the most important person in our company. Your feedback will help us in our ongoing efforts to produce the finest and most satisfying loudspeaker available.

1	First Name: Initial:	Last	Name:
	Address: (Number and Street)	<u>-</u>	Apt #:
		:	
	City:		State: Zip Code:
	in the second se		
2	Phone #:		
_	rilotte #:		
3	E-mail Address:  If you voluntarily provide us with your email address, you give us permission	to sha	re and use your email address to send you email offers that may interest you.
	(Example: yourname@yourhost.com)	·	
1	Date of Purchase:	5	Serial Number:
7	Month Day Year		
6	Store Name:		
			PSW505 00214
7	Who installed this product?  1. □ Self 2. □ Professional  3. □ Friend / Relative		
8	Did the following reasons influence your purchase of this Polk Audio product?	16	For your primary residence, do you: 1. □ Own 2. □ Rent
	<u>Yes</u> <u>No</u>	17	Which best describes your family income?
	1. Polk Audio Reputation		1. ☐ Under \$15,000
	3. Appearance		3. S25,000-\$34,999 9. S150,000-\$174,999
	4. Recommendation of Dealer   5. Recommendation of Family/Friend   □ □		4. □ \$35,000-\$49,999 10. □ \$175,000-\$199,999 5. □ \$50,000-\$74,999 11. □ \$200,000-\$249,999
	6. Magazine Review		6. □ \$75,000-\$99,999 12. □ \$250,000 or over
	7. Quality of Sound	18	Education:
	8. Technical Specifications		(Please check which category applies to you):
	10. Prior Experience with Polk Audio		1. ☐ Some high school 3. ☐ College degree 2. ☐ Completed high school 4. ☐ Graduate degree
9	Where have you seen Polk products featured? (Check all that apply)	19	In the last six (6) months has anyone in your household
	1. ☐ Magazine advertisement 4. ☐ In-store advertising 2. ☐ Polk literature 5. ☐ Someone else's home or car		purchased any of the following items through the mail
	2. El folk indicator 5. El comocino disconición del		and/or over the internet?  A. Mail B. internet
10	What other brands did you consider? (Check all that apply)		<ol> <li>Books/magazines</li> </ol>
	1. ☐ No other brands 13. ☐ KEF 2. ☐ Acoustic Research 14. ☐ Klipsch		2. Children's products
	3. ☐ Advent 15. ☐ M&K		4. Insurance/financial products
	4. □ B&W 16. □ Mirage		5. Music/video/DVD
	5. ☐ Bose 17. ☐ NHT 6. ☐ Boston Acoustics 18. ☐ Paradigm		6. Travel
	7 Cambridge Soundworks 10 D Phase Technology	20	i use these credit cards:
	8. Li Cerwin-Vega 20. Li Radio Shack		1. ☐ American Express 4. ☐ Visa
	10. ☐ Eosone 22. ☐ Velodyne		2. Gas/Retail 5. Other 3. Master Card 6. Do not have credit cards
	19	21	
11	Your gender: 1.  Male 2.  Female	21	
12	Your marital status: 1.  Married 2.  Single		1. Automotive work 19. Hunting/Shooting 2. Bible/devotional 20. Investments (mutual funds, IRAs)
13	•		(Check all that apply)  1. □ Automotive work  2. □ Bible/devotional  3. □ Boating/sailing  4. □ Camping/hiking  5. □ Casino gambling  6. □ Contribute to charitable causes  21. □ Movie watching  23. □ Own a cat
14	Date of your birth: Month Day Year		
14	Including yourself, what is the total number of people living in your household?  (Examples: 01, 02, 03, 04)		8.  Cultural art/events 26.  Photography Cycling 27.  Read books
15	Date of birth (month/year) of the other adults and		10. □ Do-it-yourself 28. □ Snow skiing
	children in your household:		10 Elichian 20 Elichian 20 Elichian
	Male Female Male Female		13. ☐ Fitness/exercise/jogging 31. ☐ Tennis
	1. □ 2. □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □		13. □ Fishing 30. □ Soccer  13. □ Fitness/exercise/jogging 31. □ Tennis  14. □ Gardening 32. □ Travel-Foreign  15. □ Golf 33. □ Travel-U.S  16. □ Gourmet cooking/food/wines 34. □ TV shopping  17. □ Grandchildren 35. □ Vitamins/natural foods  18. □ Home decorating 36. □ Watch sports on TV
	montn rear month rear		16. Gourmet cooking/food/wines 34. TV shopping
	1. 🗆 2. 🗆 🚉 🖺 🚉 🚉 🕹 1. 🗇 2. 🗆 🚉 🚉 🚉 👢		17. ☐ Grandchildren 35. ☐ Vitamins/natural foods 18. ☐ Home decorating 36. ☐ Watch sports on TV
	1. □ 2. □		70. L. Hottie decorating 30. L. Watch Sports Oil 19
COM	MENTS;		