





OWNER'S MANUAL

# PS12 / PS10 / PS8

## Powered Subwoofers



# SAFETY INSTRUCTIONS

	<b>CAUTION</b> RISK OF ELECTRIC SHOCK DO NOT OPEN	
<b>CAUTION:</b> To reduce the risk of electric shock, do not remove cover (or back). No user-serviceable parts inside. Refer servicing to qualified service personnel.		

## • Explanation of Graphical Symbols



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert you 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 you to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

- 1. Read Instructions:** All the safety and operating instructions should be read before the product is operated.
- 2. Retain Instructions:** The safety and operating instructions should be retained for future reference.
- 3. Heed Warnings:** All warnings on the product and in the operating instructions should be adhered to.
- 4. Follow Instructions:** All operating and other instructions should be followed.
- 5. Water and Moisture:** The product should not be used near water - for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.
- 6. Carts and Stands:** The product should be used only with a cart or stand that is recommended by the manufacturer.

### PORTABLE CART WARNING



- 7. Wall or Ceiling Mounting:** The product should be mounted to a wall or ceiling only as recommended by the manufacturer.
- 8. Ventilation:** The product should be situated so that its location or position does not interfere with its proper ventilation. For example, the product should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

## INTRODUCTION

Proficient's PS12, PS10 and PS8 Powered Subwoofers add accurate bass to any audio system, and are designed to work in conjunction with your other audio components. The PS12 / PS10 / PS8 can be connected to any surround sound receiver that has a subwoofer output or any receiver that has a built-in preamplifier outputs.

## PLACEMENT

For optimal performance, the PS12 / PS10 / PS8 should be placed in a corner along the same wall as the front speakers. The units are not shielded, so do not place them too close to video devices. When choosing a place for the PS12 / PS10 / PS8, please keep the following in mind:

### DO

- Place the PS12 / PS10 / PS8 with its feet resting on a solid flat level surface.
- Place the PS12 / PS10 / PS8 in a well-vented area to provide proper cooling. In areas that lack proper ventilation, such as tight cabinets or racks, it may be necessary to install small fans to create air movement.

### DON'T

- Obstruct the driver or ports of the PS12 / PS10 / PS8 as that will hinder performance.
- Place the PS12 / PS10 / PS8 in any position other than horizontal with the feet down. Never place on its side or resting on the back where the terminals are located.
- Place the PS12 / PS10 / PS8 near heat sources or in an area that it would be exposed to moisture.

### APPLICABLE FOR USA, CANADA OR WHERE APPROVED FOR USAGE

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

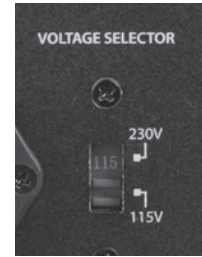
**ATTENTION:** POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

- 9. Heat:** The product should be situated away from heat sources such as radiators, stoves, or other products that produce heat.
- 10. Power Source:** The product should be connected to a power supply only of the type described in the operating instructions or as marked on the product.
- 11. 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 product.
- 12. Cleaning:** The product should be cleaned only as recommended by the manufacturer.
- 13. Nonuse Periods:** The power cord of the product should be unplugged from the outlet when left unused for a long period of time.
- 14. Object and Liquid Entry:** Care should be taken so that objects do not fall into and liquids not spilled into the inside of the product.
- 15. Damage Requiring Service:** The product should be serviced by qualified service personnel when:
  - a. The power-supply cord or the plug has been damaged; or
  - b. Objects have fallen onto, or liquid has been spilled into the product; or
  - c. The product has been exposed to rain; or
  - d. The product does not appear to operate normally or exhibits a marked change in performance; or
  - e. The product has been dropped, or the cabinet damaged.
- 16. Servicing:** The user should not attempt to service the product beyond those means described in the operating instructions. All other servicing should be referred to qualified service personnel.
- 17. Grounding or Polarization:** The precautions that should be taken so that the grounding or polarization means of a product is not defeated.

## INSTALLATION

### Voltage Selector (See Figure 1)

For use in the U.S., the PS12 / PS10 / PS8 comes preset from the factory at 115V. For use in other countries, the voltage may be set at 230V. (Please note that an outlet adapter or alternate power cord may be required.)



**Figure 1:**  
*Voltage Selector*

## OPERATION

Once the PS12 / PS10 / PS8 is connected, use the controls described below to make adjustments so that it will blend seamlessly with the other speakers in your system.

### Phase Switch (See Figure 3)

Depending upon the placement of the Subwoofer, relative to the Main Speakers, the Phase Switch may need to be in the 0 or 180 position to facilitate the most seamless acoustic blend. Playing a variety of music, listen to the system, at the main listening position, with the switch in both positions, choose the one that yields the most pleasing results.

### Power Switch (See Figure 3)

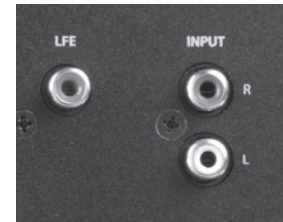
This switch sets the power mode of the PS12 / PS10 / PS8. Select "On" or "Off" to turn the system on or off. Selecting "Auto" will automatically turn the PS12 / PS10 / PS8 on when it receives an audio signal from your system. The subwoofer will automatically turn off when it stops receiving the audio signal.

### Crossover Knob (See Figure 3)

Use this control to adjust the upper frequency limit of the PS12 / PS10 / PS8, to control the overlap of the upper frequencies of the PS12/ PS10 / PS8 and the main speaker's lower frequencies.

### Volume (PS12), (PS10) / Level (PS8) Knob (See Figure 3)

Use this control to match the output of the PS12 / PS10 / PS8 to that of the main speakers in the system. We recommend that you play a variety of material before selecting a setting. Start with the control in the "Min" position (completely counterclockwise) and slowly turn it up.



**Figure 2:**  
*LFE and Line Level Inputs*



**Figure 3:**  
*Phase Switch / Power Switch  
Crossover Knob / Volume Level Knob*

## TROUBLESHOOTING

The PS12 / PS10 / PS8 Powered Subwoofer is designed to function trouble-free. Most problems occur due to operating errors. If you have a problem, please check the troubleshooting list first. If the problem persists, contact your authorized Proficient dealer or Proficient Customer Service at 877.888.9004

Problem	Possible Causes & Solutions
No sound is heard.	Audio cable to the receiver is not connected properly or the cable is bad. Use another cable that you know is good.  Check all wire connections and plugs.
A hum or buzzing sound is heard.	The sound may be caused by a ground loop in the system. Try to eliminate this by reversing the AC plugs of other components in the system.  Try plugging the receiver into another outlet.  Other causes may include faulty cables.
The PS12 / PS10 / PS8 will not turn on.	The subwoofer must be plugged into a live AC outlet. The power switch on the back panel must be on. A signal must be playing into the input jacks.

## SUBWOOFER SPECIFICATIONS

	PS12	PS10	PS8
<b>System Configuration:</b>	Powered Subwoofer	Powered Subwoofer	Powered Subwoofer
<b>Woofers:</b>	12" Long Excursion Treated Paper Cone Woofer with Butyl Surround	10" Long Excursion Treated Paper Cone Woofer with Butyl Surround	8" Long Excursion Treated Paper Cone Woofer with Butyl Surround
<b>Ports:</b>	Rear Slotted Port Eliminates Vent Noise and Distortion	Rear Slotted Port Eliminates Vent Noise and Distortion	Rear Slotted Port Eliminates Vent Noise and Distortion
<b>Frequency Response:</b>	28Hz - 200Hz	32Hz - 200Hz	45Hz - 200Hz
<b>Power:</b>	250 Watts RMS	120 Watts RMS	80 Watts RMS
<b>Hook Ups:</b>	RCA Line Level	RCA Line Level	RCA Line Level
<b>Additional Features:</b>	Auto On, Anti-Clipping Circuitry, Detachable Power Cord, User Accessible Fuse	Auto On, Anti-Clipping Circuitry, Detachable Power Cord, User Accessible Fuse	Auto On, Anti-Clipping Circuitry, Detachable Power Cord, User Accessible Fuse
<b>Cabinet:</b>	Black Vinyl with Black Double-Knit Grille	Black Vinyl with Black Double-Knit Grille	Black Vinyl with Black Double-Knit Grille
<b>Dimensions:</b>	H 17" x W 14" x D 17 <sup>13</sup> / <sub>16</sub> "	H 13 <sup>3</sup> / <sub>4</sub> " x W 11 <sup>1</sup> / <sub>2</sub> " x D 16 <sup>3</sup> / <sub>4</sub> "	H 12 <sup>1</sup> / <sub>4</sub> " x W 9 <sup>7</sup> / <sub>8</sub> " x D 15 <sup>1</sup> / <sub>4</sub> "
<b>Weight:</b>	52 lbs.	33 lbs.	24 lbs.
<b>Warranty:</b>	Limited 2-Year	Limited 2-Year	Limited 2-Year

*Features and specifications are subject to change without notice.*

### LIMITED TWO-YEAR WARRANTY

Proficient Audio Systems ("Proficient") warrants to the original retail purchaser only ("you") that this product will be free from defects in materials and workmanship for a period of two years (the "Warranty Period"), subject to the limitations and exclusions set out in this Limited Warranty. This warranty is not transferable to subsequent owners of the product. If you discover a defect in material or workmanship within the Warranty Period, you can obtain warranty service by contacting Proficient during the Warranty Period at 877.888.9004 or techsupport@proficientaudio.com or by sending the product to Proficient at 940 Columbia Avenue, Riverside, CA 92507 or to the dealer from whom you purchased the product. Defective products must be shipped, prepaid and insured, together with proof of purchase. Warranty service requests made without proof of date of purchase will be denied. Freight collect shipments will be refused. It is preferable to ship this product in the original shipping container to lessen the chance of transit damage. In any case, the risk of loss or damage in transit is to be borne by the purchaser.

If, upon examination by Proficient or its authorized dealer, it is determined that the unit is in fact defective, Proficient will, at its option:

- Repair or replace the product at no additional charge; or
- If the model is no longer available and can not be repaired effectively, replace the unit with a current model of equal or greater value. In some cases where a new model is substituted, a modification to the mounting surface may be required. If mounting surface modification is required, Proficient assumes no responsibility or liability for such modification.

Proficient will bear the cost of returning the repaired or replaced product to you, freight prepaid. All replaced parts and product become the property of Proficient Audio Systems. The foregoing is your **sole and exclusive** remedy for breach of warranty. If the product is not found to be defective, Proficient will contact you to arrange for return of the product to you, at your expense.

For technical inquiries please call 877.888.9004 or email us at techsupport@proficientaudio.com. We are available to assist you every weekday, except holidays, between the hours of 7:00 a.m. and 5:00 p.m. PST.



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#### EXCLUSIONS:

- This Warranty does not include service or parts to repair damage caused by accident, disaster, misuse, abuse, negligence, inadequate packing or shipping procedures, voltage inputs in excess of the rated maximum of the unit, or service, repair or modification of the product by unauthorized dealers. This Warranty also excludes normal cosmetic deterioration caused by environmental conditions.
- This Warranty will be void if:
  - the Serial Number on the product has been removed, tampered with or defaced.
  - the product was not purchased from an authorized dealer.

**THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER EXPRESSED AND IMPLIED WARRANTIES. PROFICIENT EXPRESSLY DISCLAIMS ALL SUCH OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT.** In no event will Proficient be liable for any incidental or consequential damages arising out of the use or inability to use the product, even if Proficient has been advised of the possibility of such damages, or for any claim by any other party. Notwithstanding the above, if you qualify as a "consumer" under the Magnuson-Moss Warranty Act, then you may be entitled to any implied warranties allowed by law for the Warranty Period. Further, some states do not allow limitations on how long an implied Limited Warranty lasts or allow the exclusion or limitation of consequential damages, so such limitations may not apply to you.

#### ATTENTION TO OUR VALUED CONSUMERS:

To insure that consumers obtain quality pre-sale and after-sale support and service, Proficient products are sold exclusively through authorized dealers. **Proficient products are not sold online** by Proficient or its authorized dealers, and this warranty is **VOID** if the products have been purchased from any internet reseller. To determine if your Proficient reseller is authorized, please call Proficient at 877.888.9004 or go to proficientaudio.com.



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