



Owner's Reference

Owner's Reference PMG Preamplifier

Instructions for Use



Paul McGowan Signature Preamplifier

PS Audio® Inc. 800-PSAUDIO 4865 Sterling Drive Boulder, Colorado 80301



Owner's Reference

Owner's Reference PMG Preamplifier

Safety Instructions



Read these instructions
Heed all warnings
Follow all instructions



WARNING. TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE.

Requires adequate ventilation at all times during operation.

Clean only with a dry cloth.

Do not place flammable material on top of or beneath the component.

All PS Audio components require adequate ventilation at all times during operation. Rack mounting is acceptable where appropriate.

Do not remove or bypass the ground pin on the end of the AC cord. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. Unplug this apparatus during lightning storms or when unused for long periods of time.

When making connections to this or any other component, make sure all components are off. Turn off all systems' power before connecting the PS Audio component to any other component. Make sure all cable terminations are of the highest quality.

THERE ARE NO USER-SERVICEABLE PARTS INSIDE ANY PS AUDIO PRODUCT. REFER ALL SERVICING TO QUALIFIED SERVICE PERSONNEL

Please contact your authorized dealer, distributor, or PS Audio if you have any questions not addressed in this reference manual.

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Rev. A



The exclamation point within a triangle is intended to tell the user that important operating and servicing instructions are in the papers with the appliance.



The lightning flash with arrow-head within a triangle is intended to tell the user that parts inside the product are a risk of electric shock to persons.





Introduction

Owner's Reference PMG Preamplifier

Welcome

Welcome to the PMG Signature Preamplifier.

This preamplifier bears my name because it represents something deeply personal. In my 50 years of designing and building high-end audio equipment, this is the first product I have ever personally signed. While it now joins a growing line of products bearing the PMG Signature name, this particular model stands apart as the culmination of a lifelong journey in pursuit of musical truth—a quest to bring listeners closer to the experience of live music in the comfort of their own homes.

From the beginning, this project was different. When PS Audio engineer Darren Myers and I sat down to discuss what this preamplifier could and should be, we both agreed on one thing: remove all constraints. No limitations on cost. No compromises on what was technically feasible. This would be our all-out assault on the state of the art.

And what emerged is nothing short of extraordinary.

The PMG Signature is fully balanced from input to output, built around discrete amplification stages handcrafted with a combination of ultra linear JFET and BJT devices. These stages operate without capacitors in the signal path and rely on minimal global feedback, achieving their exceptionally low distortion through precision balancing and a high-current, high-speed design. The result is effortless musical flow, extreme transparency, and a sound that breathes with life.

Its high-headroom, direct-coupled, Class A Diamond output stage is capable of driving long cable lengths without compromise, ensuring your power amplifier receives the full benefit of the signal, intact and uncolored.

Equally critical is the power supply. The PMG Signature Preamplifier is powered by an oversized toroidal transformer feeding ultra-low noise, multiple-stage linear regulators. With film capacitor-based storage and precise voltage regulation, the preamp remains dead silent and immovably stable.

What sets this instrument apart isn't just its design—it's the results. With a signal-to-noise ratio and distortion products measuring below -150dB, the PMG Signature performs at a level once thought impossible. Measurements aside, what truly matters is the musicality. This preamplifier invites you into the recording, revealing nuance, emotion, and space with an honesty that defies description.

This is a true reference standard, regardless of price or pedigree.

Thank you for being part of this life's journey. I believe the PMG Signature will not only elevate your system but redefine your relationship with music.

Enjoy the music,

Paul McGowan
Founder, PS Audio



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Quick Start Guide

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Unpacking



Figure 1: Front Panel Controls

Item	Description
1	Logo Button (Ready/Operational mode switch)
2	Display and Touch Screen

The following items are included with the PMG Preamplifier:

- Power Cord
- PS Audio Remote
- QuickStart Guide

Carefully unpack the unit and place it in the chosen location. Care should be taken to keep it away from power amplifiers or large, potentially hum-inducing products.



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Connections

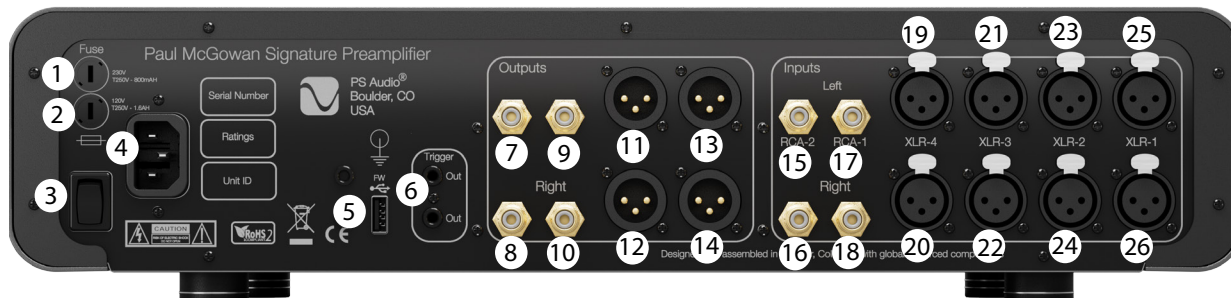


Figure 2: Rear Panel Ports

Item	Description
1	Fuse holder 230V (refer to panel legend for fuse type)
2	Fuse holder 100V/120V (refer to panel legend for fuse type)
3	Main Power Switch
4	Power cord receptacle
5	USB type A (thumb drive) port - for firmware updates only
6	Trigger outputs (connect to power amplifier trigger input to control amplifier power with front panel standby button)
Outputs:	
7	Left RCA output #2 (outputs #1 and #2 carry the same signal)
8	Right RCA output #2 (outputs #1 and #2 carry the same signal)
9	Left RCA output #1
10	Right RCA output #1
11	Left channel balanced analog output #2 (outputs #1 and #2 carry the same signal)
12	Right channel balanced analog output #2 (outputs #1 and #2 carry the same signal)
13	Left channel balanced analog output #1
14	Right channel balanced analog output #1
Inputs:	
15	Left RCA input #2 (stereo inputs are individually selectable)
16	Right RCA input #2 (stereo inputs are individually selectable)
17	Left RCA input #1
18	Right RCA input #1
19	Left channel balanced analog input #4
20	Right channel balanced analog input #4



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Connections Continued

Item	Description
21	Left channel balanced analog input #3
22	Right channel balanced analog input #3
23	Left channel balanced analog input #2
24	Right channel balanced analog input #2
25	Left channel balanced analog input #1
26	Right channel balanced analog input #1

Referring to Figure 2, connect the desired components to your PMG Preamplifier as follows:

Connect inputs to your analog sources using the appropriate connections. There are six stereo analog inputs, which are accessible via the balanced XLR inputs (19-26) and the single-ended RCA connectors (15-18). If using the preamp with a home theater, connect it to RCA2 (15-16). This enables surround sound users to set a fixed volume level when playing movies, or when the input volume level is controlled outside the PMG Preamplifier. For more on fixed volume, see page 9.

Connect outputs to your power amplifier (or other line-level component) using the appropriate connections. The PMG Preamplifier features two output types: RCA (7-10) and XLR (11-14). The RCA connector delivers a single-ended output for compatible power amplifiers while the XLR connector delivers a balanced signal to compatible inputs. Both can be connected at the same time, allowing one to drive a power amplifier and the other a subwoofer or headphone amplifier, for example.

Please be advised that the XLR output has twice the output voltage of the RCA output. Typically this results in 6dB louder sound through units connected via the XLR. Care should be taken to match levels accordingly.

Connect the AC power cable into the receptacle in back (4) and plug the unit into your Power Plant or into the wall. While the supplied cord is of good quality, it is recommended that you replace it with a high-end power cord for optimum performance. It is also recommended that you connect your new PMG Preamplifier to one of PS Audio's award-winning AC power regenerators such as the P12, P15, or P20 Power Plants.

Optionally, connect power amps to the trigger ports (5-6) on the rear panel. Each of the two trigger jacks outputs a +12V signal to connected equipment when the PMG Preamplifier is in operational mode. The +12V signal will stop when the Preamplifier is in ready mode. (Ready mode turns off the display and power outputs but keeps power on to critical internal circuitry. For more on this, see Mode Button on page 7.) These trigger outputs are typically used to switch on/off compatible power amplifiers when the PMG Preamplifier is active.



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Power Up

Once everything is connected, it is time to power up the PMG Preamplifier. Put the main power switch (3) in the ON position (horizontal line is pressed down). We recommend the master power switch be left in the On position and AC power continue to be supplied even when the preamplifier is not in use. Instead, use the front logo button (Figure 1, Item 1) to put the DAC in ready mode. This keeps power on to critical circuitry thereby avoiding the stabilizing warm-up period and additional wear on components due to power cycling.



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Product Registration

To register your new PMG Preamplifier, look on the back panel and note the serial number. Using any web browser, go to www.psaudio.com, click Support and select Product Registration from the menu. When you have completed the registration process, go to the Registrations page. The link to this page (🔗) is located at the top right hand corner of the website after you are logged in. Click the link then select Product Registrations in the left hand column.

If you do not have web access, you may register via phone. Notification of software upgrades to this product are available only to registered owners via the website and email.



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Main Display

When powered on, "PMG Signature Series" appears followed by the main display as shown in Figure 3.



Item #	Description
1	Selected Input
2	Volume
3	Menu Icon
4	Volume Ring

Figure 3: Main Display

Inputs

As shown in Figure 3, the main display shows the currently selected input (1). This can be changed three ways: swipe left or right on the input, touch the input and select the input from the menu, or select the input using the remote. There are 6 options:

1. XLR 1
2. XLR 2
3. XLR 3
4. XLR 4
5. RCA 1
6. RCA 2

Volume

The volume level (2) is also on the main display.

- Touching the volume (2) mutes and unmutes the preamplifier.
- Swiping up or down on the volume (2), changes it by one.
- To make bigger changes to the volume, drag your finger along the volume ring (4).
- Alternatively, you can use the Preamp volume and mute button on the remote.

Menu System

Touching the menu icon (3) opens the main menu.

Note: Adjusting certain items, such as offsetting the balance or selecting AC coupling, will replace the menu icon with icons indicating these settings. Touching these icon clusters will still enter the menu system.

Swipe up and down to navigate the list of menu items. Touch the menu item's current value to make changes. Touch the three dots to enter sub-menus.

To exit a pop-up item, touch any area outside the box. To exit a sub-menu, press the return arrow. To return to the main display, press the home icon at the bottom of the main menu.

Note: The menu system will time out after 15 seconds.

For detailed operating instructions, see the Operating Guide starting on page 7.



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Front Panel Controls



Figure 4: Front Panel Controls

Item	Description
1	Logo Button (Ready/Operational mode)
2	Display/Touch Screen

Mode Button

The logo button (Figure 4, Item 1) controls whether the PMG Preamplifier is in Operational mode (illuminated) or Ready (dark) mode. Use Operational mode when the unit is in use. The screen and logo button will both be illuminated. We recommend using Ready mode when the unit is not in use. Ready mode turns off the display and outputs but keeps power on to critical internal circuitry, including power supply capacitors, thermally sensitive semiconductors, and integrated circuits. Press the logo button to switch between these two modes.

If you wish to conserve energy consumed by PMG Preamp, it will be necessary to use the rear panel power switch. Using this rear panel switch will remove power from critical components. In order to gain maximum performance levels, you will need to turn the power back on at least 1 hour before use.

Restart

Should the preamp need to be rebooted, use the rear panel power switch to power cycle the unit. It's best to wait 30 seconds before powering back on.

Volume

The volume level is shown on the main display (Figure 4, Item 2). The volume ranges from 0 to 100. There are three ways to change the volume:

- Use the volume ring along the edge of the screen. Drag your finger along the ring to change the volume.
- Swipe up or down on the volume number to change the volume by 1.
- Use the preamp volume buttons on the remote.

To mute and unmute, touch the volume number or use the Preamp Mute button on the remote.

Input Selection

The current input is displayed at the top of the screen. There are three ways to change the input:

- Swipe right or left on the current input. Continue swiping until you land on the input you want (XLR 1, XLR 2, XLR 3, XLR 4, RCA 1 or 2).
- Touch the current input. On the pop-up menu, touch the radio button of the desired input. After selecting the input, the screen will automatically return to the main display.
- Alternatively, select the input from the remote.



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Menus

To access the menu system, touch the menu icon at the bottom of the display (Figure 3, Item 3).



Figure 5: Setting Icons

Item #	Description
1	AC Coupling is on for the current input
2	Balance control is active
3	Phase is on

Note: Adjusting certain items, such as offsetting the balance or selecting AC coupling, will replace the menu icon with icons indicating these settings. Touching the icon cluster will still enter the menu system. See figure 5 for setting icons.

To exit the main menu, press the home icon at the bottom of the screen (Figure 6, Item 4). Changes to settings are saved in real time as the changes are made.

Note: The menu system will time out after 15 seconds of inactivity.

Main Menu

To scroll through menu items, swipe up and down. To change an item's setting, touch the value of the item you wish to change. For example, to change the balance, touch 0 (Figure 6, Item 1). To exit an item's pop-up menu, touch any area outside the pop-up.

Sub-menus are indicated by three dots (Figure 6, Item 2). Press the dots to enter the sub-menu.

The main menu has the below items:

- Balance
- Audio (sub-menu)
- System (sub-menu)
- Versions (informational only)



Figure 6: Main Menu

Balance

The Balance feature allows you to adjust the center location of the stereo image. The balance steps are each 1/4dB and the range is 48 steps each way for a maximum shift of 12dB. In addition, you can set to Max Left or Max Right to apply maximum attenuation to the other channel. In addition to the below, the balance button on the remote can be used.



Figure 7: Balance Menu

The default is 0. To use this feature:

- Touch 0 or the current balance to open the Balance pop-up.
- Touch or drag the slider right of center to reduce the gain of the left channel, causing the image to come more from the right channel.
- Touch or drag the slider left of center to reduce the gain of the right channel, causing the image to come more from the left channel.
- To easily return the balance to 0, touch the word "Balance."
- Touch anywhere outside the pop-up to exit.



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Note: When the balance setting is offset to either side of zero center, the balance indicator icon appears on the main screen under the volume (see Figure 5, Item 2). The wave graphic indicates which channel is more prominent.

Sub-Menus

There are two sub-menus in the Main Menu: Audio and System. They are indicated by three dots (Figure 6, Item 2). To enter a sub-menu, touch the three dots. To exit a sub-menu, touch the return arrow at the bottom of the sub-menu (Figure 8, Item 2). To return to the main display, press and hold the return arrow for three seconds.

Audio Sub-Menu

The Audio Sub-Menu (Figure 8) has the below features:

- Fixed Volume
- Max Volume
- Phase Out
- Input Trim (sub-menu)
- AC Couple (sub-menu)



Figure 8: Audio Sub-Menu

Audio Sub-Menu: Fixed Volume



Figure 9: Fixed Volume

Sources connected to RCA2 can be set to a Fixed Volume. This is also known as "home theater bypass." This function enables surround sound users to set a fixed volume level where the input volume level is controlled outside PMG Preamplifier e.g. via an A/V Receiver or multichannel Preamp/Processor. This allows home theater owners to share the front left and right loudspeakers with their home theater setup. For best quality, 2-channel sources should still be plugged directly into the PMG Preamplifier. Only multi-channel sources should be plugged into the A/V Receiver and connected to RCA2 with fixed volume on.

The default is 0 or Off. To use this feature:

- Touch the current value or Off to open the Fixed Volume pop-up.
- Touch the bar or drag your finger across the slider to set the fixed volume.
 - Unity gain for the fixed volume control feature of the PMG Preamplifier is 76, so this is a good starting value. Adjust as needed from there.
- To easily turn this off, touch "Fixed Vol."
- Touch anywhere outside the pop-up to exit.

Audio Sub-Menu: Max Volume

Max Volume sets the upper limit of the main volume control.

The default is off or 100. To use this feature:

- Touch the current value to open the Max Volume pop-up.
- Touch or drag the slider to set it from 1-99.
- Set to 100 to disable this feature.
- To easily return to 100, touch "Max Vol."



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- Touch anywhere outside the pop-up to exit.

Note: This value is ignored on RCA2 if the Fixed Volume setting is enabled.

Audio Sub-Menu: Phase Out

Phase Out inverts the phase 180 degrees so that positive wave forms become negative and vice versa. This can be useful when listening to certain source material that may have inverted absolute polarity.

Note: Some listeners are more sensitive to absolute polarity than others.

The default is off. To use this feature:

- Touch the toggle to turn phase on or off.
- When on, the toggle turns green (Figure 10) and the phase out icon appears on the main display (Figure 5, Item 3).



Figure 10: Phase On

Audio Sub-Menu: Input Trim

The Input Trim setting allows users to trim the volume level of each input to provide a consistent level between input sources. It can be increased or decreased by 1-10 dB. It is best to start by observing the level of your most used or favorite source and then trimming the other source levels to match.

To adjust input levels:

- Touch the three dots to enter the Input sub-menu.
- Touch the white 0 (or current number) on the input you want to trim to open the pop-up (Figure 11-1).
- Touch or drag the slider left to decrease the input's volume level. Touch or drag the slider right to increase it (Figure 11-2).
- Touch anywhere outside the pop-up to exit.

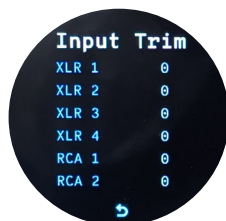


Figure 11-1: Input Trim Sub-Menu

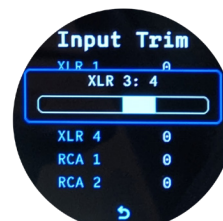


Figure 11-2: Increase volume on XLR-3

Audio Sub-Menu: AC Coupling

AC Coupling allows you to set specific inputs to AC coupling. When set to AC, a capacitor in the signal path will block any DC voltage that might be coming from the source equipment. When not selected, the coupling mode is set to DC and this capacitor is bypassed, so any DC that is coming from the source equipment will get passed (and amplified) by the preamp. While AC coupling is more compatible with some equipment, the capacitor will add some coloring to the sound.



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If you are experiencing loud pops through the speakers when changing inputs (or other times), try the AC coupled mode. The pops might indicate there is DC offset on your source component. Otherwise, we recommend leaving this off and in DC coupled mode for best sound quality.

To use AC Coupling:

- Touch the three dots to enter the AC Couple sub-menu.
- Find the input you want to AC Couple. Touch the toggle next to the input to turn on AC Coupling. It will turn green (Figure 12) and the AC Coupling icon will appear on the main display (Figure 5, Item 1.)
- Touch the toggle again to turn it off.
- Touch the return arrow at the bottom of the sub-menu to exit.



Figure 12: XLR 4 AC Coupled

Sub-Menu: System

Use the System sub-menu to access the below features:

- Backlight
- Remote Code
- DAC In
- Phono In
- Trigger
- Input Name (sub-menu)
- Factory Reset



Figure 13: System Sub-Menu

Note: There are more menu items than appear on the screen. To access all the items, swipe up and down.

System Sub-Menu: Backlight

The Backlight setting allows users to adjust the brightness of both the Logo Button and the Display to complement the room lighting. Options range from 1–10 with 10 being the brightest.

To set the brightness:

- Touch the current value to open the Backlight pop-up.
- Touch the bar or drag your finger to increase or decrease the brightness.
- Touch any area outside the pop-up to exit.



Figure 14: Backlight

System Sub-Menu: Remote Code

The PMG remote sends RF code to your PMG Preamplifier. In addition, it sends IR codes so that it can work with your PS Audio legacy devices, such as the PerfectWave or Stellar series. The remote code menu allows you to change the IR code. This is helpful if you have a PS Audio legacy unit and are experiencing interference with other devices, such as your television.

Both the unit and the remote will need to be updated when changing this setting.

Note: Except for the DSD MK2, PerfectWave units only work with code A, the default.



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There are four options: Off, A, B, C

- Off: Your PMG remote will no longer work with the PMG Preamp. However, it will still work with other devices..
- A: This is the default. It works with the default code on Stellar and PerfectWave devices. This is IR code 1 on Stellar Products. *It is the only option that will work with all PerfectWave devices.*
- B: Select Code B if you are experiencing interference with your other devices (such as an LG television). In order for this to work with your Stellar products or the PerfectWave DSD MK2, make sure the IR 2 code is selected on those devices as well. *Other than the DSD MK2, this will not work with PerfectWave devices.*
- C: If you don't want to use this remote for your Stellar or PerfectWave products, select C.

To change remote codes on the unit:

- Touch the current remote code to open the Remote Code pop-up.
- Touch the radio button that corresponds to the code you want to use (Figure 15).
- If applicable, ensure that the corresponding remote code is also selected on your Stellar and/or DSD MK2 2 unit.
- Touch anywhere outside the pop-up to exit.

To update the remote:

- Press and hold both the center button of the navigation ring and the light bulb for three seconds. The green light around the Off key blinks once for A, twice for B, and three times for C.

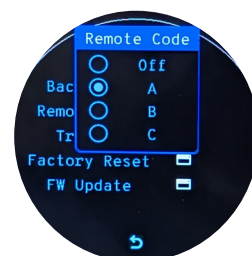


Figure 15: Remote Code

System Sub-Menu: DAC Input

When selected, the DAC Input setting causes the unit to automatically switch to that input when you press a DAC button on the PMG remote.

Note: This will only work when using the PMG remote with PS Audio DACs.

The default is Off. To use this feature:

- Touch Off (or the current input selected) to open the DAC Input pop-up.
- Touch the radio button of the input connected to your DAC (Figure 16).
- Touch any area outside the pop-up to exit.



Figure 16: DAC Input

System Sub-Menu: Phono Input

The Phono Input setting, like the DAC input, causes the unit to automatically switch to that input when you press a phono preamplifier button on the PMG remote.

Note: This will only work when using the PMG remote with PS Audio phono preamplifiers.

The default is Off. To use this feature:

- Touch Off (or the current input selected) to enter the Phono Input pop-up.
- Touch the radio button of the input connected to your phono preamplifier.



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- Touch any area outside the pop-up to exit..

System Sub-Menu: Trigger Timeout

The Trigger Timeout setting allows users to add a delay to the trigger output signal. This adjusts the time between placing the PMG Preamplifier in Operational mode and when a power amplifier connected to the trigger output is signaled to power up. The delay can be set to "Auto", "5s", "10s", "20s", "30s", "45s" or "1m". The default is auto, which means the signal is sent immediately.

To set the delay:

1. Touch off or the current delay to open the Trigger Timeout pop-up.
2. Touch the radio button for the time delay you want (Figure 17).
3. Press any area outside the pop-up to exit.

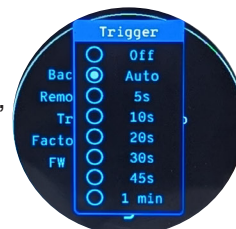


Figure 17: Trigger Timeout

Input Names

The Input Names sub-menu allows users to rename input connections from a preset list of common names to aid in identifying the connected source.

To assign the names Blu-ray, CD, DVD, Phono, SACD or Streamer:

- Touch the three dots to enter the Input Name sub-menu.
- Touch "Default"(or the current name) on the connection you want to rename (Figure 18-1).
- Touch the radio button to select the name you want (Figure 18-2).
- Press any area outside the pop-up to exit and return to the Input Name sub-menu.
- The input is now renamed (Figure 18-3).
- Touch the return arrow at the bottom of the screen to return to the System Sub-Menu.

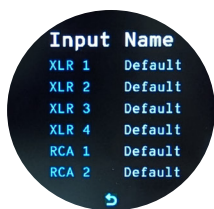


Figure 18-1: Input Name Sub-Menu



Figure 18-2: Select Input Name (SACD)

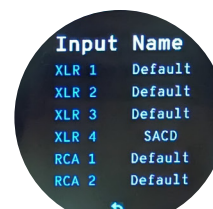


Figure 18-3: Input Name Sub-Menu with XLR 4 Renamed

Factory Reset

The Factory Reset setting returns all menu items to their original factory settings.

Note: All custom settings will be lost.

To factory reset the unit:

- Touch the white icon next to Factory Reset.
 - A dialog box will appear and ask "Restore settings to defaults?" (Figure 19-1)
- To restore factory settings:



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- Press the green check mark to restore settings.
- The dialog box will say "Resetting" (Figure 19-2). After a few seconds, the preamplifier will automatically restart at the main menu with factory settings restored.
 - To cancel:
- Press the red x to cancel and return to the system sub-menu. Alternatively, you can touch anywhere outside of the pop-up.



Figure 19-1: Restore Settings?



Figure 19-2: Resetting

Versions

The versions dialog box is informational only. If you need to contact our customer service team for help with your unit, please have this information ready. To access this setting:

- Touch the white icon next to Versions in the Main Menu.
- A dialog box will appear with the unit name, unit id, and firmware version.
- Press anywhere outside the pop-up exit.



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Updating Firmware

If PS Audio releases new firmware, you will need to download it from the website and put it on a thumb drive. The thumb drive is then inserted into the USB type A (thumb drive) port on the back of the unit (Figure 2, Item 5). See below for detailed instructions.

1. Prepare the thumb drive:

- Go to the PS Audio website and download the latest firmware for the PMG Preamplifier.
- On your PC or Mac, unzip contents of the pmg_preamp_vX.Y.Z.zip file and copy the image. bin file to your USB thumb drive. The X.Y.Z is the version of the software, for example, pmg_preamp_v2.2.1.bin.
- Remove the thumb drive from your computer.

2. Update your unit:

- Place the thumb drive in the back of the PMG Preamp, in the slot marked FW.
- Using the switch in the back of the unit, power off the unit and then power it back on.
- The Logo LED will turn on solid blue for a few seconds.
- The Logo LED will begin to blink green rapidly. It should blink around 25 to 30 times.
- The update will complete and the unit will immediately initialize.
- The firmware has now been updated.
- Remove the thumb drive from the back of the unit.

Troubleshooting:

- In some cases, the unit may freeze on the PS Audio splash screen. If this happens, remove the USB drive from the back of the unit and power cycle the unit, then replace the USB drive if necessary.
- It is okay to leave the thumb drive in the unit. The unit will detect the firmware is the same and skip the update. However, PS Audio recommends that the USB thumb drive be removed during normal operation of the device.
- For Mac users, if the unit doesn't recognize your thumb drive, be sure to format it for FAT32 and not EXFAT.



Operating Guide

Owner's Reference PMG Preamplifier

Remote

Your PMG Preamp comes with a full-function remote control. In addition to operating your PMG Preamp, this remote works with all PMG products and most legacy products.

Button Guide:

- **On:** Takes the Preamp out of Ready (Idle) mode and puts it in Operational mode. In addition, it undoes the Dim function.
- **Off:** Puts the Preamp in Ready (idle) mode.
- **Dim:** Dims the logo button and turns off the screen backlight. Press On to undo it.
- **Analog Inputs:** Lets you select the desired input.
- **Preamp Volume:** Changes the volume on the Preamp.
- **Mute:** Use preamp mute to mute the Preamp.
- **Balance:** Changes the balance on the preamp.
- **Light Bulb:** Lights up the remote buttons.
- **Remote Code:** Hold the center button in the navigation ring and the light bulb for three seconds to change remote codes. The off button will flash green once for Code A, twice for Code B and three times for code C. See page 11 for more information on remote codes.

Note: As this remote is for all PMG products, not all buttons on the remote are for use with the preamp.





Reference

Owner's Reference PMG Preamplifier

Product Specifications

Physical:	
Unit Weight	30 lbs / 13.6 kg
Unit Dimensions	14 ¾" l x 17 ½" w x 4 ⅜" h (with feet) 375 mm x 445 mm x 112 mm (with feet) Note: Feet are ⅝" h (16 mm)
Shipping Weight	34 lbs / 15.4 kg
Shipping Dimensions	20 ½" l x 24" w x 10"h 521 mm x 610 mm x 254 mm
Power Requirements:	
Input Power	Auto Voltage: 120VAC or 230VAC, 50 or 60Hz
Power Consumption	18W
Connectors:	
Audio Inputs	RCA / Single-Ended: 2 pair XLR / Balanced: 4 pair
Audio Outputs	RCA / Single-Ended: 2 pair XLR / Balanced: 2 pair
Trigger Output	2
USB	For USB firmware update only
Performance:	
Max Gain	12.6dB
Frequency Response	15Hz-200kHz, +/- 0.1dB
Input Impedance	50K Ω RCA / Single-Ended 100K Ω XLR / Balanced
Bandwidth	5Hz-500kHz, -3dB
THD	< .0002% @ 1kHz, 1VRMS input



Reference

Owner's Reference PMG Preamplifier

THD+N	< .0003% @ 1kHz, 1VRMS input
IMD	.0005% @ 1VRMS input, CCIF, 20kHz mean, 1kHz difference
Crosstalk	-135dB, One channel driven
Output level	9VRMS Single-ended / 18VRMS Balanced @ 1% THD+N
Output Impedance	100Ω



Warranty

Owner's Reference PMG Preamplifier

Registering

Product registration

By registering your product, you are validating the start date of your limited warranty. This limited warranty is in effect for 3 years from the date the unit was first purchased from PS Audio or its dealers and agents. If you do not register your product within 30 days of purchase, a copy of your purchase receipt from an authorized PS Audio dealer may be used as proof of purchase to establish the warranty start date. If no proof of purchase from an authorized PS Audio dealer or registration is provided, the production date of the product will be used to determine the warranty start date. You can register your product online, by phone, by mail, or by email.

Coverage

What this warranty covers

This warranty covers defects in material and workmanship for products purchased from PS Audio or its authorized dealers and agents. In the event your product fails, your sole remedy under this limited warranty shall be to return the product to PS Audio or an authorized PS Audio repair center. At the option of PS Audio, the product will be repaired without charge for parts or labor, replaced, or the purchase price refunded through the original point of purchase.

Shipping

Shipping

You are responsible to pay for the safe and proper shipment of the warranted product to PS Audio or its authorized repair center. Under this limited warranty, PS Audio or its authorized repair center will pay the cost of returning the repaired or replacement product to you.

Not Covered

What this warranty does not cover

This warranty does not cover damage due to:

- Accidents, carelessness, improper transportation, misuse, neglect, or abuse
- Failure to follow the operating instructions that are provided by PS Audio in the Owner's Reference Manual (available for download at www.psaudio.com)
- Use in any manner inconsistent with PS Audio's operating instructions (available for download at www.psaudio.com)
- Lack of routine maintenance
- Connection to an improper voltage supply
- Alterations or modifications to the unit
- Improper or unauthorized repair, including repairs not authorized by PS Audio or a PS Audio authorized repair center



Warranty

Owner's Reference PMG Preamplifier

- Fire, lightning, flood, "Acts of God," or other contingencies beyond the control of PS Audio
- Products purchased through an unauthorized source (if you have questions as to whether or not a dealer is authorized, please contact customer support at www.psaudio.com)
- Products with a factory-applied serial number that has in any way been altered, defaced, or removed

Limitations

Limitations under this warranty

In no event will PS Audio's liability to you exceed the original purchase price of your unit. This warranty does not cover the cost of custom installation, customer instruction, setup adjustments, or signal reception problems. Consequential and incidental damages are not covered under this warranty. However, some states do not allow the exclusion or limitation of incidental or consequential damages, so this limitation or exclusion may not apply to you. In the event that your warranted product cannot be repaired, PS Audio will either replace or refund the cost of the unit. We reserve the right to replace any out-of-stock, discontinued, or limited edition products with a comparable product. Discontinued products may not be eligible for warranty.

Warranty Transfer

Warranty transfer

This warranty is for the benefit of the original purchaser of the product. The warranty may be transferred to a subsequent purchaser during the 3 year warranty period. To do this, you must contact PS Audio directly to set up a transfer of warranty registration.



Service

Owner's Reference PMG Preamplifier

If you require service in North America

Warranty Service within North America

Please contact PS Audio customer support for service assistance, help with locating an authorized PS Audio repair center, help with the operation of a product, or for more information.

Obtain an RMA number

Obtaining an RMA#

In order to receive warranty service, you must first obtain a Return Merchandise Authorization Number (RMA#) prior to returning any item. Please contact PS Audio or an authorized PS Audio repair center to receive an RMA#. The RMA# must be on all returned items. If it is not clearly marked, PS Audio will return the package back to you, freight collect.

Use original packing

Packaging and Shipping

Original packaging should be used for the safe transit of your PS Audio unit to the repair center. If you do not have the original packaging, PS Audio can sell and ship replacement packaging to you. You are responsible for the cost of shipping the product to a PS Audio authorized repair center. You should insure the product for its full retail cost, in the event it gets lost or damaged in transit. PS Audio is not responsible for damage incurred during the transit of products sent to us. Shipping your product in non-PS Audio packaging may void this warranty. PS Audio reserves the right to charge you for new factory packaging to return your product after a repair.

State Law

State Law

This warranty gives you specific legal rights. You may also have other rights, which vary from state to state.

If you are outside the US

International Warranty Service

PS Audio has authorized distribution in many countries of the world. In each country, the authorized importing distributor has accepted the responsibility for warranty of the products sold by that distributor. Warranty service should be obtained where the product was purchased.

Changes to Our Products

PS Audio reserves the right to modify the design of any product without obligation to purchasers of previously manufactured products, and to change the prices or specifications of any products without notice or obligation to any person.



Notes

Owner's Reference PMG Preamplifier



Notes

Owner's Reference PMG Preamplifier



Quick Start Guide

Owner's Reference PMG Preamplifier



At PS Audio, we're family.

Not just a family that runs in bloodlines, but in frequencies.

Because while we may not all share the same genes here, we are all related by a passion, nay, obsession with listening to the music we love at the highest, most breathtaking quality possible.

And in our minds, that makes us kin.

In fact, we believe that every nutty, hertz counting audiophile out there is part of our tribe.

That's how we've built our company over the last 50 years - with the kind of care and respect that you give to your family.