



Owner's Reference

Owner's Reference GCP Stereo Preamplifier

Instructions for use



GCP Stereo Preamplifier

Important 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.

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 unless absolutely necessary to reduce hum from ground loops of connected equipment. This may cause RFI (radio frequency interference) to be induced into your playback setup. All PS products ship with a grounding type plug. 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 fuses inside this product.

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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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 arrowhead within a triangle is intended to tell the user that parts inside the product are a risk of electric shock to persons.





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Introduction

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Thank you

Thank you for your purchase of the GCP-200 Stereo Preamplifier.

The GCP-200 is a full function, state of the art stereo preamplifier. Its internal circuitry is based on PS Audio's exclusive Gain Cell™ technology. Gain Cells™ provide complete control over the gain of the incoming audio signals. Gain Cells are capable of 130dB of variable gain with little to no noise and distortion.

Inside the GCP-200

Inside the GCP-200 preamplifier there are no typical volume controls or attenuators of any kind. The Gain Cell will provide the perfect gain for each audio source and allows the user to adjust the gain of the preamplifier, rather than attenuating the signal. In a typical preamplifier, there are mechanical or electrical attenuators that take the high level input signal from a source (such as a CD player) and attenuate the signal before amplifying it once again within the preamp. This classic preamplifier control method has been replaced by the Gain Cell™. Gain Cells do not attenuate the signal. Rather, each Gain Cell is instructed to provide a specific amount of either negative, unity or positive gain in response to either the GCP-200's front panel volume control or the included remote control.

There are no attenuators

By varying the actual gain of the GCP-200's internal circuitry, rather than attenuating the signal and the re-amplifying it again, the PS Audio GCP-200 provides the shortest, cleanest audio path of any active preamplifier in the world.

Full control

The GCP-200 offers complete control over input gain, input naming, balance and even provides a Home Theater bypass function that can be assigned to any input selected.

The GCP-200 should provide many years of trouble free operation and musical enjoyment for its owners.

What you can expect

You should expect state of the art performance and sonics from GCP-200 Stereo Preamplifier. Years of research, listening and loving attention have gone into the design and perfection of this musical instrument.



Getting Started

Owner's Reference GCP Stereo Preamp

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- Location** Once your new GCP-200 Stereo Preamp is unpacked, you'll need to find a convenient place to set it. Placing the preamp nearest to your source equipment is probably the best idea since you will want to have as short an interconnect between the source and the preamp as you can.
- There are several ways to mount the GCP-200 Stereo Preamp: on a rack shelf or on a shelf near your sources.
- Cautions** If the GCP-200 Stereo Preamp is to be placed on the floor or carpet, make sure the unit is not going to come in contact with water or cleaning solvents.
- Isolation** The GCP-200 Stereo Preamp can benefit from aftermarket isolation devices such as cones, spikes and Sorbothane pads.
- Once you have chosen the location for the GCP-200 Stereo Preamp you can use the supplied AC power cord to connect it to the AC wall receptacle or you can use an aftermarket power cord and receptacle.
- Power Cables** We strongly recommend the use of a PS Audio xStream Power™ AC cable and a PS Power Port™ AC receptacle to feed the GCP-200 Stereo Preamp. While the supplied power cable is adequate for the task, it is not going to provide the best performance. Choosing any xStream Power cable will make a significant performance improvement over the stock power cable.
- Conditioners** We recommend the use of power conditioning equipment, such as a PS Audio Power Plant, UPC-200 or any of the Ultimate Outlet or Power Director series from PS. We do not recommend the use of simple AC filter power conditioners, not made by PS Audio, as most of these will "bleach" the sound and rob the music or video soundtrack of some measure of life and dynamics. If you do not use PS Audio power conditioning equipment, you would be advised to plug the GCP-200 directly into the AC wall receptacle.

Once you have decided on the location and chosen the appropriate power cables, you are ready to install the GCP-200 Stereo Preamplifier.

Power down first

We recommend that you power the entire system down before installing the GCP-200 Stereo Preamplifier.

Insert the GCP-200 Stereo Preamplifier into the system.

Connect the inputs

Connect the inputs of the GCP-200 Stereo Preamplifier to the outputs of your source equipment such as CD players, phono preamplifiers, tuner, etc. There are two choices of inputs: balanced or single ended. There is one balanced input and five single ended RCA inputs.

Balanced inputs

Balanced inputs require a source that has a balanced output. These outputs are the preferred method of connection as a balanced XLR type of output allows the lowest noise connection, and allow owners to take advantage of the high common mode rejection characteristics found in the Gain Cell of the GCP-200 Stereo Preamplifier. Be sure to use a high quality well



shielded and well regarded interconnect for this critical link. PS Audio makes an entire line of excellent choices for interconnects, perfectly matched to your equipment's needs.

RCA inputs

RCA or single ended inputs will be the typical inputs as many sources have only this standard type of input. Be sure to use a high quality well shielded and well regarded interconnect for this critical link.

Connect the outputs

Connect the output of the GCP-200 to your power amplifier. The preferred method of connection is balanced through the XLR connectors on the rear of the GCP-200. There are two sets of XLR outputs and two sets of single ended RCA outputs. If you wish to bi-amp or feed two power amplifiers, it is important to note that you should use the same connection method for each amplifier. i.e. if you are using balanced for one amplifier use balanced for the second amplifier as well. Using balanced for one power amplifier and single ended for the second power amplifier can potentially result in mismatched gain as there is 6dB more level on the balanced outputs relative to the RCA outputs.

Subwoofer connections

Use the Aux Out RCA connectors on the rear of the GCP-200 Stereo Preamplifier to feed your subwoofer's low level inputs. Some subwoofers have high level inputs where the output of the amplifier can be connected as an input to the subwoofer. Generally there is no problem. In a few rare instances



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there may be a problem, which will show itself as problematic if the amp's protection comes on after hooking up the sub. REL subwoofers and some Sunfire subwoofers can be problematic. Please check with the factory or your dealer if you encounter these subwoofers or any problems.

Plug the GCP-200 Stereo Preamplifier into the power source using the AC power cable you selected unless you are using a GCPS High Current Power Supply.

GCPS High Current Power Supply

If you have purchased the optional GCPS High Current Power Supply, connect it to the single Nuetrak connector marked GCPS. This supply will now provide everything the GCP-200 will require for power. If you have the GCPS connected, DO NOT plug in the line cord for AC power into the GCP-200 preamplifier.

Plug it into a power source

Use a high quality power cable to power the GCPS High Current Power Supply only.

It is advisable to use as short a power cable as possible to the GCP-200 Stereo Preamplifier. We do not recommend plugging the GCP-200 Stereo Preamplifier into an extension strip or plug extender unless it is of the highest quality and heavy duty design, such as the PS Audio Juice Bar or device with similar properties.

Push the front panel logo to turn it on

Make sure the source equipment, like a CD player or tuner, are turned on. Then, press the front panel PS logo on the GCP-200 Stereo Preamplifier to power up the GCP-200.

At this point you should be ready to enjoy the benefits of the GCP-200 Stereo Preamplifier!

Front panel setup menu

The GCP-200 Preamplifier Setup menu allows you to adjust the following controls:

- Input Name
- Input Gain
- Home Theater Bypass Input

The setup menu allows you to view the following information:

- Software Version

How to enter into the setup menu

To enter the setup menu, turn the GCP off from the front panel power button. Then, hold down the Input Up and Input Down buttons and press the Power Button while holding the other buttons.

The display will then read:
(Setup) Input 1 Name

To scroll through the options, use the Input Up or Input Down buttons. The list of options are:

Input 1 Name
Input 1 Gain
Input 2 Name
Input 2 Gain
Input 3 Name
Input 3 Gain
Input 4 Name
Input 4 Gain
Input 5 Name
Input 5 Gain
Home Theater Bypass
Software Version

Press the Mute button to accept

Once you have selected the option that you want, press the Mute button to enter that mode. You should see the current setting on the 2nd line of the display (below the option name).

Press the power button to exit

At any time, you may press the Power button to exit to Setup Menu.





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Input naming

Input Name Editing:

This mode allows you to edit the name of the Input on the Display.

Name the inputs whatever you want

The character with an underscore is the character that you are currently editing.

To edit the Input Name, you will use the following controls:

Mute Button –

This button allows you to move to the next character. When you press it, you will see the underscore move to the next character. When you reach the end of the line, the underscore will start again at the beginning of the line.

Volume Control Knob –

Turn the volume control knob to edit the current character. For your reference, here is a list of the possible characters:

0123456789:-#. ABCDEFGHIJKLMNOPQRSTUVWXYZ

When you are finished editing the name, hit either Input Up or Input Down to go to the next option, or hit the Power button to exit the Setup Menu.

Adjust the gain of each input

Input Gain Editing:

This mode allows you to adjust the gain of each individual input relative to the other inputs. You can use this control to Gain match each of your components so that they are all at the same level on the volume control.

To edit the Input Gain, you will use the following controls:

Volume Control Knob –

Turn the volume control knob to edit the gain. You can go down to a minimum of -5dB or up to a maximum of +5dB in 0.1dB steps.

When you are finished editing the gain, hit either Input Up or Input Down to go to the next option, or hit the Power button to exit the Setup Menu.

Home Theater bypass

Home Theater Bypass Mode:

This mode permits you to assign one of the Inputs as a Home Theater Bypass. This allows you to use your 2-channel preamp in your multichannel home theater system. Normally, your Surround Sound Processor or Receiver would be plugged into this input.



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To edit the Home Theater Bypass Input, you will use the following controls:

Volume Control Knob –

Turn the volume control knob to edit the theater bypass input. Turn the knob until it reaches the desired input. You may also turn the knob all the way down to turn this feature off.

When you are finished editing the home theater bypass input, hit either Input Up or Input Down to go to the next option, or hit the Power button to exit the Setup Menu.

Software version

Software Version:

This mode allows you to view the current software version.

Operating the GCP-200 Stereo Preamplifier is a fairly straightforward procedure.

From the front panel there are five controls:

- Volume control
- Mute control
- Up selector
- Down selector
- Power button

Volume control

The volume control is a rotary knob that the user can turn up and down to control the gain of the Gain Cell and the loudness of the preamplifier. While this is not an ordinary attenuator, its function of turning the volume up and down is the same.

This control has been ergonomically designed with the best human interface we could devise. Its step size varies depending on where you are in the range: lower ranges have larger steps and higher ranges have finer steps. Above a certain point, the volume will increase in 1/10th dB steps if you turn the control slowly.

Mute control

The Mute control on the front panel or the remote will mute the GCP's audio when pressed and will be automatically deactivated and return to the original volume setting if the user turns the volume control up or down or if you press the mute button again.

Balance control

Balance functions are only available through the remote control. The balance function is clearly marked on the remote control.

Up/Down selector

Up Selector and Down Selector buttons toggle through the inputs (and toggle through the setup choices while in the setup mode), which are displayed on the front panel. The remote control allows you to select individual inputs without toggling through the choices.

As you toggle through the input choices, the volume will automatically ramp up and down quickly so there's no loud "pop" noise between inputs.

Power Button

The power button is cleverly disguised as the PS logo (or vice versa depending on your point of view). Press the logo and the unit will toggle on or off. Pressing the front panel power button does



not remove power from the GCP-200 Stereo Preamplifier. Rather, it places the preamplifier in the standby mode. This is the recommended procedure.

HT Bypass

Pressing the HT button on the remote will switch to the designated Home Theater Bypass input. The designated input can be specified in the setup mode.

By default it is not pre-assigned to any of the inputs, and pressing the HT button does not activate any function. The HT function disables the GCP's front panel volume control as well as the remote volume control access. In this mode, the volume is handled through your surround processor and the GCP acts like a fixed gain preamplifier for the front two channels.

The balance controls are also bypassed in this mode. For more information on setting up a system to use the Home Theater bypass function, see the section on Home Theater Bypass in the Setup Instructions.

Caution!

CAUTION: Engaging the HT input without using a separate HT controller to control the volume may result in damage to your speakers as the sound may be too loud.

Phase Control

The phase control or, more properly stated; polarity control that is available through the remote control of the GCP-200 Stereo Preamplifier, permits the user to place the signal 180 degrees out of phase. This is the same as if you were to reverse the speaker leads from the preamplifier to the loudspeaker: plus to minus, minus to plus.

The phase control is important for proper sonics. Not all recordings have the proper polarity and many Audiophiles take the time to experiment with each CD or DVD, determine the proper phase for that CD, vinyl disc or DVD and note the results on the album or CD liner.

It is relatively easy to determine: simply try one phase or the other as you are listening and determine which sounds correct to your ears. The difference is most notable in the higher frequency instruments such as cymbals and instruments that have a quick impact such as a drum. Differences in overall imaging are typically quite apparent as well.

Dim Control

Dim control. From the remote it is possible to dim the front panel display. It is not possible to dim the blue light on the front panel from the remote control. If you wish to dim the front panel blue light, that control is found in a three position switch on the rear of the GCP-200 Stereo Preamplifier.

To dim the front panel display from the remote control, press the "Dim" button on the remote. If you press the Dim button again, the display will blank out completely. Pressing the Dim command again will bring the display back to its full brightness.

Activating any functions on the GCP-200 Stereo Preamplifier will also activate the display to full brightness, but if the dim command had been pressed, the display will return to its assigned dim setting after a few seconds of making an adjustment to the GCP.



Questions And Answers

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Should the unit be on all the time?	<p>The GCP-200 Preamplifier is best left powered on at all times. The current draw is negligible and keeping it powered on will make sure the preamplifier always sounds its best.</p> <p>There is no harm in leaving the unit on at all times as the lifespan of the GCP-200 Preamplifier will be unaffected by leaving it on. We recommend placing the preamplifier in its standby mode via the front panel logo/standby button when the preamp is not in use. We further recommend leaving power to the GCP-200 Preamplifier at all times.</p>
Are there any internal fuses?	<p>There are no user replaceable internal fuses inside the GCP-200 Preamplifier. The components inside the GCP-200 Preamplifier have lethal voltages when powered and even when un-powered. Capacitors inside the GCP-200 Preamplifier can retain an electrical charge after the unit has been powered down. Do not attempt to get inside the unit for any reason unless instructed to do so by your dealer or an authorized service representative. Should the GCP-200 Preamplifier cease to function, contact your dealer or PS Audio's service center for help.</p>
Placement?	<p>Placement of the GCP-200 Preamplifier is not critical. Placement with respect to other equipment can be important. In general, place the GCP-200 Preamplifier as close to the source equipment as possible. It is always preferable to have long speaker cables from your power amplifier and short interconnects to the amplifier if there is a distance problem. Long interconnect cables will degrade the performance of most preamplifiers, surround processors or integrated amplifiers and receiver preamp outputs.</p>
Isolation?	<p>Isolation through the use of spikes, cones or Sorbothane feet is recommended for the GCP-200 Preamplifier if space and budget allows. Isolation of any piece of high-end stereo and theater equipment is always recommended wherever practical.</p>
Front panel blue light	<p>The brightness of the blue light on the front of the GCP-200 Preamplifier can be adjusted via the rear panel three position switch. The switch is located on the upper left hand corner of the GCP-200 Preamplifier as you face the rear panel. When the switch is in the upper most position, the front panel light will be the brightest. The middle position of the switch provides medium brightness, the lower position shuts the light off.</p>
Front panel power button	<p>The front panel PS logo is the power button. Press the blue PS logo on the GCP-200 Preamplifier's front panel to turn the preamplifier on or off. We recommend keeping the rear mounted switch for the blue light brightness at one of the two visible levels so you can tell if the GCP-200 Preamplifier is on or off.</p>
Do cables make a difference?	<p>Yes, cables make a difference. It is important to use the best power cables and interconnects when operating the GCP-200 Preamplifier.</p>
Is the GCPS important?	<p>The GCPS High Current Power Supply does make a marked improvement to the performance of the GCP-200 Preamplifier. Its use is highly recommended. See your dealer or contact the factory for details.</p>



Questions And Answers

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What voltages can the preamp run on?

The GCP-200 Preamplifier is specific to your country's voltage. Do not use the GCP-200 Preamplifier on a voltage higher than it is rated for. For instance, do not take a 120 volt rated GCP-200 Preamplifier and attempt to use it in a 230 volt country. Failure to observe this cautionary note will void your warranty and may damage the preamplifier. If you need to operate the GCP-200 Preamplifier at a voltage other than the voltage it was designed for, contact your dealer, distributor or the factory.

Does the preamp require ventilation?

The GCP-200 Preamplifier produces little heat under normal operation. There are vent holes at the rear of the chassis, both top and bottom and you should be careful not to obstruct these vents if possible.

How does the DC trigger work?

The GCP-200 Preamplifier can remotely activate another piece of equipment, such as a second power amplifier, by a DC control voltage. Using a small mini jack, you can use the GCP-200 Preamplifier to turn on and off another piece of equipment with a 12 volt trigger. When connected to a GCA power amplifier trigger input jack, located on the lower left hand corner of the GCA amplifier's rear panel (as you face the panel), the GCP-200 Preamplifier will now turn the amplifier on and off with a push of the GCP's front panel power button.

How do I dim the display?

To dim the front panel display, you must use the remote control. On the control is a dim button.

Which output should I choose?

The aux line out on the rear panel of the GCP-200 is intended for driving a long length of cable. This can be used to drive a remotely located subwoofer, for instance, without degrading the sonics of the GCP-200's main outputs. If you are forced to use a long length of interconnect, that is an interconnect of 3 meters or more, it is recommended to use the aux line out RCA connectors.

There are two sets of audio outputs on the GCP-200 designed to feed your power amplifier or amplifiers. If your power amplifier has a balanced XLR input we recommend this is the input to use. If you are driving two power amplifiers in a biamp situation, we recommend using the same outputs if possible. i.e. feed both power amplifiers from either the XLR balanced or the RCA unbalanced. Mixing the two feeds to your power amplifier may result in a loudness disparity.

No sound comes out of the preamp

If no sound comes out of the GCP-200 Preamplifier there are several areas to check:

- You are not getting an audio signal into the preamplifier
- You are not properly connected to the power amplifier
- There is no power from the AC socket
- You have the DC trigger jack connected without an appropriate voltage to turn it on

Check the input

It is important that the GCP-200 Preamplifier receive a high level signal from the source (CD, DVD, tuner, etc.) or whatever you are feeding it. If you suspect an input problem, there are several possibilities:

- You have not selected the correct input. Check and make sure the input you selected is the correct input for the source.
- The volume control is too low or the mute is on.
- The source is not playing. Check another source.
- The connecting cables are defective. Use another set.

Try another source

If you still have no sound, it may be because of a poor connection to your power amplifier or your power amplifier may not be working. You can start to determine this problem by placing your ear very close to the speaker's tweeter while the GCP-200 Preamplifier and your power amplifier is turned on. You should hear a very slight amount of hiss from the tweeter. If you do not, check the speaker cable/amp connection. Make sure the amp's front panel light is on, indicating proper performance.



If there is no sound and you are convinced the GCP-200 Preamplifier has power and its front panel light is lit, contact your dealer, distributor or PS Audio for further assistance.

If there is a lot of hiss in your speaker

If there is an excessive amount of hiss or noise from the loudspeaker, it is probably not from the GCP-200 Preamplifier as this preamp has extremely low self noise. Turn the volume of the GCP down to zero and check again. If the hiss level is reduced then this indicated a noisy source is being fed to the GCP-200. If the noise level remains, turn the amp off, remove the interconnect cables between

the GCP-200 Preamplifier and your power amplifier and then turn the power amplifier back on. Listen once again to see if the noise has been diminished. If it has you may need to experiment with better shielded interconnect cables.

If you have hum or buzz

If you experience a hum through the speakers this can be caused by several things. The first is the source. If there is an excessive amount of buzz or noise from the loudspeaker, it may be caused by a ground loop, a light dimmer in the home, poor AC power, or any number of causes. The quickest way to determine where to start your search is to simply turn the amp off, disconnect the cables feeding its input, and see if the hum goes away when you turn it back on. If it does, it's most likely a ground loop or buzz from a dimmer.

Finding a ground loop

The easiest way to figure out where ground loop problems lie is by the process of elimination. You need to determine where the hum or buzz is coming from within your system.

Process of elimination

If the hum/buzz goes away when you remove the inputs to the GCP-200 Preamplifier, your next step will be to reconnect the sources, one at a time, listening for the return of the hum. After each connection, check for hum until you discover the humming culprit.



Try a cheater plug

VCR's, surround processors, and any device that is connected to a television cable or satellite dish can cause a loud buzz and should always be suspect. If, by the process of elimination described above, you determine it is a component like a VCR that is causing the hum/buzz to occur, and using a cheater plug or removing the ground pin on a PS xStream Power Cable doesn't help matters, it may be necessary to isolate the cable connection (CATV) with an isolation transformer. This inexpensive device is available at most Wal Mart, Radio Shack or department store type outlets and is sometimes called a CATV 'matching transformer'. If you have problems finding one, call your local cable TV company for advice. The matching transformer will be placed between the cable TV cord and the VCR, TV or processor. A high quality matching video transformer is available from Jensen transformers www.jensen-transformers.com.

It could be the cable TV

Just remember, take the system down to its simplest level of connection. Find a way to hook the system up with as many pieces of the system missing or not connected. Keep it simple and get it to the point where the hum's gone. Then start adding back components one at a time until the hum returns.



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Troubleshooting

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Finding the problem is 9/10th of the work of finding a solution.

Blue light is too bright

If the blue light is too bright, or if it is not lit but the preamplifier plays, check the rear panel of the GCP-200 Series preamplifier for the three position dimmer switch. The switch is located on the rear panel, upper left hand side as you face the rear of the unit.

If you have a problem connecting a subwoofer, please refer to the quick start guide in the front of this manual.

If you cannot dim the display

If you can't dim the front panel display, it's probably because you are not using the remote control. The only way to dim the front panel display is to press the Dim button on the remote. As soon as you change volume or inputs, the display will automatically brighten and then dim back to its preset level. If you need to dim the blue light on the front panel below the display, there is a switch located on the rear of the GCP-200 that has three brightness settings.

Phono does not work properly

The phono input on the GCP-200 is the same as any other input. This means you cannot plug a turntable directly into the phono inputs of the GCP-200. Turntable based music systems require a special amplifier known as a phono preamplifier. PS Audio makes an excellent phono preamplifier that is designed to work with any preamplifier.



Warranty

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TERMS AND CONDITIONS

PS Audio warrants the product designated herein to be free of manufacturing defects in material and workmanship, subject to the following conditions, for a period of three (3) years from the date of purchase by the original purchaser or date of shipment to the authorized PS Audio dealer, whichever comes first.

Conditions

This Warranty is subject to the following conditions and limitations: the Warranty is void and inapplicable if the product has been used or handled other than in accordance with the instructions in the owner's manual, abused, or misused, damaged by accident or neglect or in being transported, or the defect is due to the product being repaired or tampered with by anyone other than PS Audio or an authorized PS Audio repair center.

- a. The product must be packaged and returned to PS Audio or an authorized PS Audio repair center by the customer at his or her sole expense in the original packing material. PS Audio will pay return freight of its choice for original purchasers.
- b. Return Authorization Number (RA Number) is required before any product is returned to our factory for any reason. This number must be visible on the exterior of the shipping container for PS Audio to accept the return. Units shipped to us without a Return Authorization Number or without a visible RA Number on the exterior of the shipping container will be returned to the sender, freight collect.
- c. RETURNED PRODUCT MUST BE ACCOMPANIED BY A WRITTEN DESCRIPTION OF THE DEFECT.

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 product without notice or obligation to any person.

Remedy

In the event the product fails to meet this Warranty and the above conditions have been met, the purchaser's sole remedy under this Limited Warranty shall be to return the product to PS Audio or an authorized PS Audio repair center where the defect will be repaired without charge for parts or labor.

This Warranty is for the benefit of the original purchaser of the covered product if the product has been purchased through an authorized PS Audio dealer, distributor or agent. PS Audio will not honor this warranty without valid proof of purchase from an authorized PS Audio dealer, distributor or agent and or a valid serial number as proof the product is a valid PS Audio product manufactured by PS Audio International.

This warranty does not cover the cost of custom installation, customer instruction, setup adjustments or signal reception problems.

Miscellaneous

This warranty does not cover cosmetic damage or any damage due to accident, misuse, abuse, negligence or modification of, or to any part of the Product, without initial express consent from PS Audio. This warranty does not cover damage due to improper operation or maintenance, connection to improper voltage supply, or attempted repair by anyone other than a facility authorized by PS Audio to service the Product.



Warranty

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This warranty is invalid if the factory applied serial number has been altered or removed from the Product.

This warranty is invalid if proof of manufacture by PS Audio International cannot be determined to the satisfaction of the company either by verification of a valid serial number and or a valid receipt that includes the serial number from an authorized PS Audio dealer, distributor or agent.

To locate the servicer or dealer nearest you, or for service assistance or resolution of a service problem, or for product information or operation, call or email PS Audio.

ANY IMPLIED WARRANTIES RELATING TO THE ABOVE PRODUCT SHALL BE LIMITED TO THE DURATION OF THIS WARRANTY. THE WARRANTY DOES NOT EXTEND TO ANY INCIDENTAL OR CONSEQUENTIAL COSTS OR DAMAGES TO THE PURCHASER. Some states do not allow limitations on how long an implied warranty lasts or an exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

Inquiries regarding the above Limited Warranty may be sent to the following address: PS Audio International, Inc., 4826 Sterling Drive, Boulder, Colorado 80301 ATTN: Customer Service; Email: customerservice@psaudio.com; Voice 720-406-8946; FAX: 720-406-8967.

Outside the US

PS Audio has authorized distribution in many countries of the world. In each country, the authorized importing retailer or distributor has accepted the responsibility for warranty of products sold by that retailer or distributor. Warranty service should normally be obtained from the importing retailer or distributor from whom you purchased your product. In the unlikely event of service required beyond the capability of the importer, PS Audio will fulfill the conditions of the warranty. Such product must be returned at the owner's expense to the PS Audio factory, together with a photocopy of the bill of sale for that product, a detailed description of the problem, and any information necessary for return shipment.



If you require service in North America

In the unlikely event there is a problem with your PS Audio component, please contact your dealer, distributor, or the PS Audio corporate research center to discuss the problem before you return the component to our California manufacturing facilities for repair. Products shipped to either the factory or the corporate research facilities will be refused and returned freight collect if not accompanied by a PS Audio Service Department issued return authorization number (RA Number).

Obtain an RA number

Return authorization numbers must be prominently displayed on the outside of the box and an accompanying letter describing the problem and re-listing the RA number must be inside the box to qualify for service.

Contact information

To contact the PS Audio Service Department:

TELEPHONE 720-406-8946
HOURS M/F 9:00 am to 5:00 pm MST
FAX 720-406-8967
E-MAIL service@psaudio.com
WEBSITE <http://www.psaudio.com>

If you are in the United States or Canada

If you are in the United States or Canada use the following procedure:

1. Obtain a Return Authorization Number (R/A number) and shipping address from the PS Audio Service Department.
2. Insure and accept all liability for loss or damage to the product during shipment to the PS Audio factory and ensure all freight (shipping) charges are prepaid.

The product may also be hand delivered to the California or Colorado facilities if arrangements with the Service Department have been made in advance. Proof of purchase from an authorized PS Audio dealer, distributor or agent will be required for warranty validation at the time of hand delivery.

Use original packing

Use the original packaging to ensure the safe transit of the product to the factory, dealer, or distributor. PS Audio may, at its discretion, return a product in new packaging and bill the owner for such packaging if the product received by PS Audio was boxed in nonstandard packaging or if the original packaging was so damaged to the point it was unusable. If PS Audio determines that new packaging is required, the owner will be notified before the product is returned.

To purchase additional packaging, please contact your authorized PS Audio dealer, distributor, or the PS Audio Service Department for assistance.

If you are outside the US or Canada

If you are outside the United States or Canada and require service you must contact your country's dealer or distributor for instructions. PS Audio warrants its products (see warranty section) worldwide. Service for PS Audio products outside the United States and Canada is handled through your country's distributor or dealer.



Service

Owner's Reference GCP Stereo Preamplifier

1. Obtain a Return Authorization Number (R/A number) and shipping address from your dealer or distributor's Service Department.

2. Insure and accept all liability for loss or damage to the product during shipment to the dealer or distributor's Service Department and ensure all freight (shipping) charges are prepaid.

If you have problems

If you feel your country's authorized dealer or distributor is either unwilling or unable to service your PS Audio products, please contact our service department at service@psaudio.com or at the above contact numbers to discuss the situation.

Voltage changes

Voltage changes to match your country's voltage and frequency requirements to your PS Audio product are possible only at the time of purchase. The GCA amplifier series is set to a fixed voltage to match your country's requirements and may not be changed.



PS AUDIO

Owner's Reference GCP Stereo Preamplifier

Notes

4826 Sterling Drive, Boulder, CO 80301
PH: 720.406.8946 service@psaudio.com www.psaudio.com

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PS AUDIO

Owner's Reference GCP Stereo Preamplifier

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PS AUDIO

Owner's Reference GCP Stereo Preamplifier

Your PS Audio product serial number is:

Your serial
number

Please fill in the original purchaser's name, address and information.

Your purchase
information

Please fill in the dealer or distributor's information from where you originally purchased the unit.

Your dealer or
distributor's
information

Date of purchase

4826 Sterling Drive, Boulder, CO 80301

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