

Purity Audio Design

Foundation Preamplifier User Manual

Serial Number:

Voltage:

THANK YOU!...for choosing the Purity Audio Design Foundation vacuum tube linestage.

The Foundation Pre is a two-channel, Class A vacuum balanced tube preamplifier. Three two sets of single ended stereo inputs, one set of XLR balanced inputs and one [internal] Bluetooth input and 2 sets of single ended outputs,

The Foundation Pre's cardinal feature is its uncomplex, zero feedback signal path. This minimal signal path approach is designed to bring line inputs up to levels suitable for proper drive of downstream power amplifiers in the simplest and most direct way possible. This is accomplished by using only a single active gain stage through the judicious use of vacuum tubes.

GENERAL NOTES

LOCATION & VENTILATION

The Foundation Pre must be installed in a stable location with ample ventilation. It is recommended, if the unit is mounted in an audio rack, that you allow enough clearance on the top of the preamp such that a constant flow of air can flow. We do not recommend that the preamp be located inside an A/V cabinet that has no or limited ventilation. We also recommend that the preamplifier be placed at least 10 inches away from any electronic components.

WATER & MOISTURE

As with any electrical equipment, this product should not be used near water or in high moisture locations

SERVICING

The user should not attempt to service the preamplifier beyond that described in the owner's manual. Not only will it void any and all implied warranties but the lethal voltages can potentially cause severe harm or death.

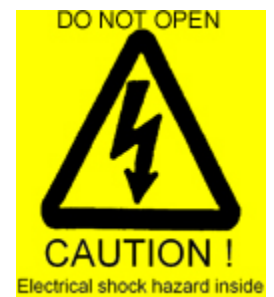
Refer all servicing other than tube replacement to Response Audio NY.

SPECIAL NOTES

Do not touch the vacuum tubes with your bare hands. Always use a soft rag such as an old cotton T-shirt or micro fiber cloth. Do not touch the tubes after the preamplifier has been switched on.

WARNING!
TO PREVENT THE RISK OF ELECTRIC SHOCK
REFER SERVICING TO
QUALIFIED PERSONEL

Any attempt to alter the original design aside from replacing tubes will void any implied warranty and Purity Audio Design's responsibility of



any damage and/or injury resulting from any unauthorized alterations to this product.

Please read over this owner's manual carefully and entirely as it contains information essential to the proper operation and maximum enjoyment of your new Purity Audio Design product.

Unpack the Foundation Pre carefully and make sure that all supplied accessories are present. Carefully examine all items for any possibility of shipping damage. If everything looks good, place all the packing material back into the box and place the box in a dry, safe place.

The supplied vacuum tubes are not installed into their tube sockets. To replace the vacuum tubes, remove the 10 Philips head screws that hold down the cover plate, install the 6922 tubes into the tubes' sockets paying close attention to the proper orientation.

If the preamplifier is damaged or fails to operate, notify the shipper and/or your dealer within 3 days.

Included accessories: Located within the packing material, you will find the following accessories: one 2 pieces 6922 or equivalent vacuum tubes and remote control handset

It is prudent to retain the shipping crates/boxes and packing materials for future use, as they are custom-formed for the preamp and will greatly minimize the chance of shipping-related damage should you ever need to put your precious new linestage in the hands of shipping carriers.

Your Purity product has been factory set to the correct mains voltage for your country. If you are moving outside the US with a different mains voltage, your product will have to be sent back to us for the conversion. Unauthorized changes made to the wiring of the transformers in this unit will void the warranty and relieve Purity Audio design from any responsibilities.

All units being built for voltage requirements outside the US will be indicated by a sticker located on the back panel.

Setting up your preamplifier:

1. There are 2 sets of RCA single ended inputs
2. One set of balanced XLR inputs
3. One Bluetooth 5.0 input (internally connected)
4. One set of balanced XLR outputs
5. Two Sets of RCA outputs
6. One Streamer Digital Output; SPDIF RCA and Optical
7. The 3 inputs, can be connected to any line level sources such as CD players, phono stages, tuners, etc.

4. All input and output connections are clearly labeled and correspond with the front panel source indicator markings.
5. On the right side of the back panel is a standard IEC mains connector. This should be connected to a standard mains outlet with the supplied mains cable. This unit has been hardwired for the mains voltage in your country
6. The Foundation Pre uses one main AC fuse. The fuse holder is located on the back panel inside the IEC connector. Use only 5mm x 20mm” fast blow 1.2A fuse.

Setup procedure – make sure the unit is NOT plugged into the AC wall socket

- 1) Place the Foundation Pre on a sturdy shelf or dedicated audio rack.
- 2) Install the 6922 vacuum tubes if not already installed. Please use only 6922/6DJ8 or equivalent tubes.
- 3) Connect your source components to the desired input connectors located on the back panel
- 4) Connect your amplifier(s) to the linestage using one pair of the RCA Output connectors located on the back of the chassis.
- 5) Reverse the phase of your loudspeaker cables at the loudspeakers. i.e; insert the negative speaker cable into the positive terminal on the speaker and insert the positive speaker cable into the negative terminal on the speaker. Do this for both loudspeakers.
- 6) Located on the front of the chassis is the power switch. Make sure this switch is in the “Off” position. When this switch is in the off position, the button will be slightly forward of the switch housing
- 7) Plug the supplied AC power cord into your wall AC receptacle.
- 8) Plug the other end of the AC power cord into the IEC connector located on the back panel.
- 9) Make sure the volume control is in its lowest possible setting. Full counterclockwise.

Using Bluetooth

1. Place the front panel input selector to “BT”
2. Notice a blue blinking LED inside the top section of the chassis.
3. Make sure Bluetooth is activated on your Bluetooth device. (cell phone, tablet, etc)
4. On your Bluetooth device, look for “System.....-Audio”
5. Connect to “BT5.0-Audio”
6. You are now ready to start using your device

Bluetooth Digital Output

1. On the back panel of the Foundation Pre, you will find a Yellow RCA connector, this is the digital output from the Bluetooth Digital Server.
2. Connect the Digital Output to your D/A Converter (DAC).
3. Use either the RCA or XLR output from your DAC to one of the line inputs on the back of the Foundation Pre.

POWER UP/POWER DOWN YOUR SYSTEM- The proper procedure to power up the system is sources (CD, turntable, etc) first, then the preamp, then after a 30-60 second wait for the tubes to come to proper voltage - turn on the amplifier(s). Follow the warm up recommendations of your power amplifier(s) prior to the start of playing music. This allows everything to warm up and come to proper working temperature. Powering down the system is the opposite order – turn off your power amp(s) first, then the preamp and then your source components. This procedure must be followed to prevent any loud pops which can potentially damage your components and/or loudspeakers.

Burn In- While many audiophiles do not believe audio products require any burn-in time, we can assure you that the sonic presentation of the Foundation Pre will change, i.e; improve over time. To properly burn in a vacuum tube audio product, we do not recommend leaving in on 24 hours a day, the proper way to burn in an audio product is to run it through on/off cycles. We recommend several hours on (with music signal) and then several hours off.

Burn-in times:

200 hours

Specifications:

Circuit: Class A, Zero Feedback

- Tube Complement: (2) 6922 driver tubes
- Features Three sets of RCA inputs.
- One Bluetooth internal input
- Two sets RCA main outputs.
- Gain: 15dB
- Input Impedance: 100Kohms.
- Output Impedance: <200 ohms.
- Frequency Response: 20hz – 200Khz
- Dimensions: 12Wx12Dx5.5H
- Weight:
- Warranty: 3 years parts and labor. 90 days on tubes and hardwood chassis.

Power Requirements: 117V-120V / 230V-240V, 50-60 Hz (Factory Set)

Warranty: 2 years parts and labor, 30 days on supplied vacuum tubes

Purity Audio Design www.PurityAudioDesign.com
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