

Pearl Amplifier

Port City Amplification

Owner's Manual

(head and combo)



Important Safety Instructions

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN, MOISTURE, OR OBJECTS FILLED WITH LIQUIDS. DRINKS SHOULD NOT BE PLACED ON THIS APPARATUS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this amplifier near water.
6. Clean only with dry cloth.
7. Do not use near any heat sources such as radiators, heat registers, stoves, or other apparatus that product heat.
8. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding

prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where it exits from the amplifier.
10. Unplug this amplifier during lightning storms or when unused for long periods of time.
11. Refer all servicing to Port City Amplification. Servicing is required when the amplifier has been damaged in any way. This includes but is not limited to : the power-supply cord or plug has been damaged, liquid has spilled in or on the amplifier, objects have fallen into the amplifier, the amplifier has been exposed to rain or moisture, does not operate normally, or has been dropped.
12. Tubes get hot so please use caution when reaching into the cabinet for any reason. You can get burned!!!

Congratulations on your Port City Pearl Amplifier!

The operation should be almost completely intuitive if you are familiar with tube amplifiers. However here is a guide, just in case...

IMPORTANT: Prior to turning on your Port City Pearl, make sure that there is a load connected to the output jack of the amplifier chassis. If you have the Pearl head, this means ensuring that you have connected a cabinet via a speaker cable to the output jack on the back of the head. You also need to select the proper impedance by turning the impedance selector found on the back of the chassis. If you have the Pearl combo, this means double checking that the ¼" jack connected to the speaker is in fact connected to the jack on the bottom of the chassis. Turning on your amplifier without having this load connected will damage your amplifier and is not covered under the warranty.

The speaker out provides a 2, 4 or 8 ohm load to your cabinet (4, 8, or 16 ohm on 100 watt version). If you use more than one cabinet and have them both plugged in the the main and extension jacks you will need to adjust the impedance setting. (Example: If you have two 8 ohm cabinets running from the back of the amp you will need to set the impedance selector to 4 ohms.) If you have any questions regarding the proper settings for your setup, please contact us.

Operating Instructions

Plug your amp in

CAUTION: Visually inspect the power cord plug for damage before each use. Do not use it if it appears damaged. Always use a grounded/earthed AC socket. Never use a socket adapter that will not ground the amplifier. To reduce the risk of fire or electrical shock, do not expose your amplifier to rain or moisture.

NOTE: Your Port City Pearl amp was wired for 120 volt AC power. Export versions are available, but ensure that this what you have before powering the Pearl with a different voltage.

Plug your guitar in

First, turn the Volume knob down – counterclockwise – as far as it will go. Then plug your ¼-inch plug (standard guitar cord) into the input jack of the amplifier and plug the other end into your guitar.

Turn it on

The Power Switch turns your amplifier ON and OFF. The indicator lamp glows when the amplifier is turned on. There is an initial warm-up time for tube amps, so allow your amp 1-2 minutes after turning on the power switch before turning off standby and beginning to play.

Turn standby off

Doing this sends the audio signal/load to the speaker. Make sure your Pearl is connected to a speaker cabinet or to the combo speaker before doing this!

Turn it up

Turn your guitar's volume knob up, turn the amplifier volume knob up, and bask in the sparkly clean waters the Pearl gladly ushers forth...

Effects Loop

The Pearl has a tube buffered effects loop. If you choose to use this for your time based effects connect the send jack to the in of your effect pedal(s) via a standard guitar cable. From the out of your pedal(s) plug into the return jack with another cable.

More technical information

Circuit Topology

The preamp and power stage signal paths are both 100% tube. The combination of three dual triode tubes along with two 6L6 based power tubes (four in 100 watt version) yields 50 watts RMS output. The Pearl is a clean amp. I mean clean, clean, clean until you start cranking it. It is not designed to distort.

Amplifier Maintenance

Besides the normal replacement of the indicator light and vacuum tubes/valves, your Pearl amplifier should require very little maintenance. However, if you notice a change in the performance or the sound of the amp, or if have any questions regarding your amp's performance please contact us.

Warranty Information

Tubes are warranted for 30 days while components (transformers, capacitors etc.) are warranted for 1 year. While parts and components are covered in this warranty labor is NOT and will be billed at an hourly rate. Port City Amplification is NOT responsible for damage resulting from abuse, negligence or misuse of the amp. We handle all warranty work at the factory. Any modifications of the amp will void warranty. We require you register your amp with us by filling out the warranty form located at www.portcityamps.com under the Warranty tab at the bottom of the page. (Warranty can be transferred by contacting us.)

If you ever have a question or concern about anything, any day, any time, please email
Daniel@portcityamps.com

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Thanks again for your purchase. We hope you LOVE your Port City Pearl!

If you would like to take a photo of your amp/rig setup we would love to post it in the Port City newsletter. Thank you for your business! Now put this down and play some music!