


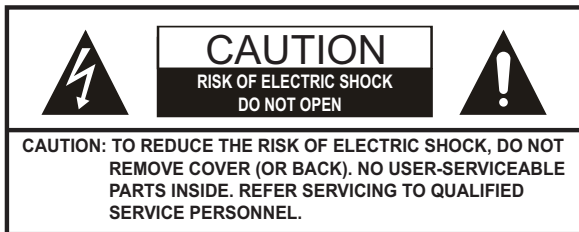
peachtree audio



peachtree.²²⁰

IMPORTANT SAFETY INSTRUCTIONS

- 1) Read these instructions – All the safety and operating instructions should be read before this product is operated.
- 2) Keep these instructions – The safety and operating instructions should be retained for future reference.
- 3) Heed all warnings – All warnings on the appliance and in the operating instructions should be adhered to.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water – The appliance should not be used near water or moisture – for example, in a wet basement or near a swimming pool, and the like.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding plug. A polarized plug has two blades with one wider than the other. A grounding 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.
- 10) Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
- 11) Only use attachments/accessories specified by the manufacturer.
- 12)  Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way such as the power cord or plug is damaged. Other damage may occur if liquid or objects have been dropped or spilled into the apparatus. Dropping the apparatus, exposure to rain, and excessive moisture may cause additional damage.
- 15) Please keep the unit in a good ventilation environment.
- 16) **CAUTION:** These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
- 17) **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall not be placed on apparatus.
- 18) **WARNING:** The mains plug/appliance coupler is used as disconnect device, the disconnect device shall remain readily operable.



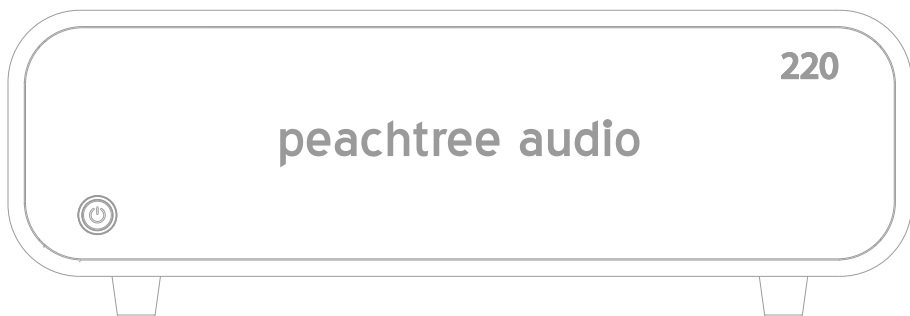
- 19) - The lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.
- **WARNING:** To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
 - The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.
- 20) No naked flame sources, such as lighted candles, should be placed on the apparatus.
- 21) **WARNING:** The terminals marked with symbol of “+/- ” may be of sufficient magnitude to constitute a risk of electric shock. The external wiring connected to the terminals requires installation by an instructed person or the use of ready-made insulated leads or cords.

Unpacking and Warranty

- 1) Keep all packing materials for future shipments. (service)
- 2) Keep a record of your bill of sale and a copy of the serial number for warranty and insurance purposes.
- 3) You may register your unit on our website: www.peachtreeaudio.com.

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- Introduction
- Back Panel
- Front Panel
- Troubleshooting
- Product Guarantee and Service
- Technical Specifications

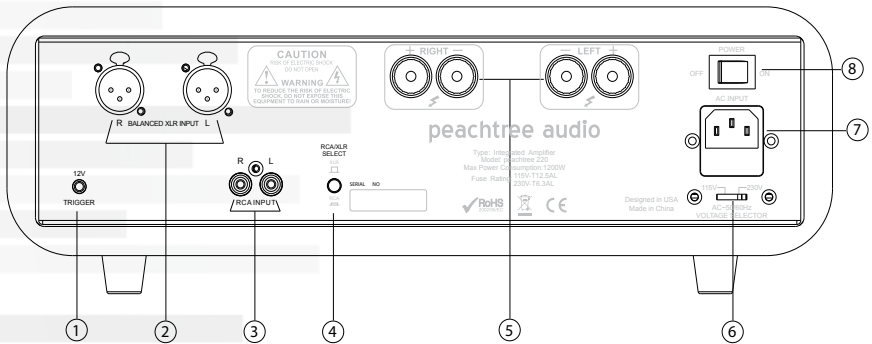


Thank you for purchasing the Peachtree220!

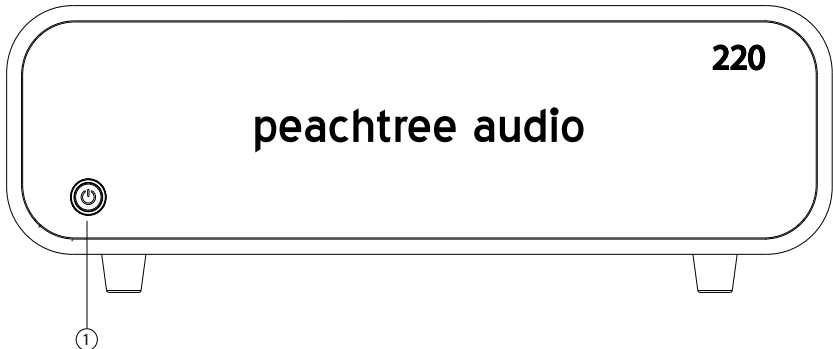
At Peachtree Audio we design products that provide a magical musical experience. When you connect the Peachtree220 to your favorite preamplifier you'll hear extraordinary detail and musicality. It is a perfect companion for the Peachtree Audio novaPre and it's a terrific upgrade for our Nova and Decco customers looking for extra power. The Peachtree220 is a special product and one we're proud to offer. You will find that it packs a terrific punch for a small package. We sincerely hope the Peachtree220 provides you with years of enjoyable music listening. Visit our website at www.peachtreeaudio.com for tips on getting the best sound from the music stored on your computer, and from all your digital sources. Contact your dealer or us directly if you have questions. Also, now is a good time to go to www.peachtreeaudio.com to register your Peachtree220 purchase.

Thanks again - and Happy Listening!

The Folks at Peachtree Audio



- 1) **12V Trigger:** Enables automatic turn on and off from-or-to another source with the same feature.
- 2) **XLR input:** Balanced input for the variable balanced XLR output of a preamplifier.
- 3) **RCA input:** Single ended input for the single ended RCA variable output of a preamplifier.
- 4) **RCA/XLR Select:** Choose either #2 or #3 above as your preferred input.
- 5) **Speaker Terminals:** Marked + for positive and – for negative.
- 6) **Voltage Switching:** For international use. Unplug the Peachtree220 before you make the switch and be sure to use the proper fuse for the voltage chosen. ****WARNING**** Improper voltage setting may cause damage to the Peachtree220.
- 7) **AC Power Cord Attachment & Fuse:** The three prong power cord is included in the Peachtree220 box. It is user replaceable after turning the Peachtree220 off. You may call your dealer or Peachtree Audio’s service department with any questions regarding fuse replacement. ****WARNING**** using the wrong value fuse may cause damage to the Peachtree220.
- 8) **Power On/Off Switch**



- 1) **Standby Switch:** After turning the Peachtree220 on with the AC Power switch on the back panel, this button will allow you to switch between “on” (blue light) and “standby” (green light) . Standby draws very little power so we suggest leaving the amplifier on from the back panel and using this switch for daily operations.

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| <p>The Peachtree220 will not turn on</p> | <p>Check to be sure that both the power switch on the back panel and the standby switch on the front panel are on. The front panel light should be blue. It is green when in standby. Be sure your AC plug is properly connected to an active AC outlet.</p> |
| <p>The Peachtree220 turns on but there is no sound</p> | <p>Be sure your system is not muted. Check the RCA/XLR switch on the back panel to be sure the correct input has been selected. Make sure your speaker wires are properly connected to both the Peachtree220 and the speakers.</p> |
| <p>You pick up hum and noise on your Peachtree220</p> | <p>This is rare but when it happens it is usually due to grounding problems. Do some trial and error tests with the system. See if the noise goes away when certain sources, like a computer, are unplugged from your preamp. Try plugging your Peachtree220 and preamplifier in to the same AC fixture. Please feel free to call Peachtree service if the problem persists.</p> |
| <p>You're getting no sound through the balanced XLR input</p> | <p>Be sure you have the switch on the back panel set to balanced XLR.</p> |
| <p>The Peachtree220 shuts down, then automatically begins playing again after a while</p> | <p>The Peachtree220 amplifiers have built in thermal/distortion detection and will shut down before blowing the amps. When they cool down they will turn back on. If the amps do this when playing at a low volume you may have a short in your speaker wires.</p> |

International Guarantee and Claims Under Warranty

International Guarantee

The Peachtree220 has a two year Parts and Labor guarantee from the time of purchase.

Peachtree Audio can take no responsibility for defects arising from accident, misuse, abuse, wear and tear, neglect or through unauthorized adjustment and/or repair. The warranty does not cover shipping costs. Visit www.peachtreeaudio.com for a copy of the complete warranty.

Claims Under Warranty

The unit should be packed in its original packing and returned to the dealer from whom it was purchased, or if unavailable, directly to the Peachtree220 distributor.

You should use a suitable carrier. **Do not send by Postal Service.** Peachtree Audio cannot accept responsibility for the Peachtree220 while in transit to the dealer, distributor, or service facility. Please insure your unit against loss or damage while in transit.

In the unlikely event that you experience a failure with your Peachtree220, please call for a return authorization number before returning products for service. Any Peachtree220 received without an RA # will be refused. You may also wish to route your repair through your dealer, which we encourage.

Call 704-391-9337 for a return authorization number and additional information on where and how to return your unit for service.

Main office (not service):

Peachtree Audio
2045 120th Avenue NE
Bellevue, WA 98005

www.peachtreeaudio.com

- Power Output: 8Ω@ 0.5% THD+N 220W
- Power Output: 4Ω@ 0.5% THD+N 400W
- Transient Intermodulation Distortion (TIM): 0.006%
- Power Efficiency: 4Ω 400W 80%
- Power Efficiency: 8Ω 250W 86%
- Balanced Input Impedance: 100K
- Unbalanced Input Impedance: 50K
- Dynamic Range: 121dB
- Balanced Input Gain: 30dB
- Unbalanced Input Gain: 24dB
- Sensitivity: 1.2V
- Output Impedance: 18mΩ
- Min Load: 3Ω
- Damping Factor: (100Hz 8Ω) >1000
- Max Output Current: 30A
- Channel Tracking: <±0.2db
- Channel Separation: (20-20kHz) >90db
- Idle Power Consumption: 0.6W (CE compliance)
- Dimensions: 111 x 377 x 292 (mm)
4.37 x 14.8 x 11.5 (inches)
- Weight: 7.41 kg
16.34 lbs

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