peachtree audio
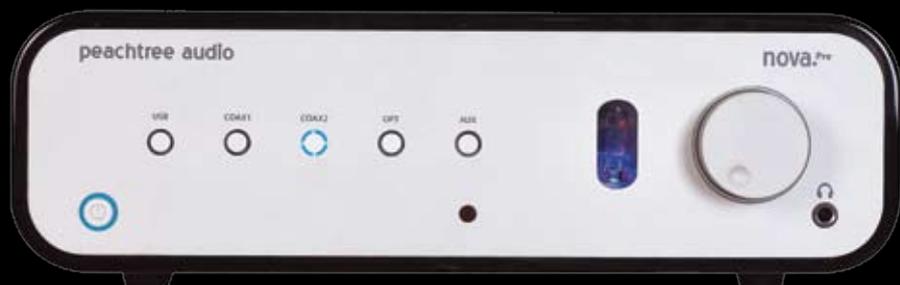

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IMPORTANT SAFETY INSTRUCTIONS

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.

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        ┌─────────────────────────────┐
    ⚡   │        CAUTION              │   ⚠
        │   RISK OF ELECTRIC SHOCK    │
        │        DO NOT OPEN          │
        └─────────────────────────────┘
  CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT
         REMOVE COVER (OR BACK). NO USER-SERVICEABLE
         PARTS INSIDE. REFER SERVICING TO QUALIFIED
         SERVICE PERSONNEL.
```

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) Batteries are included for the remote control. Do not expose these batteries to direct sunlight or excessive heat such as a fire. Care should be taken in the act of battery disposal as they include toxic materials that may harm the environment. Please refer to your local recycling and hazardous waste center for advise with battery disposal.

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.
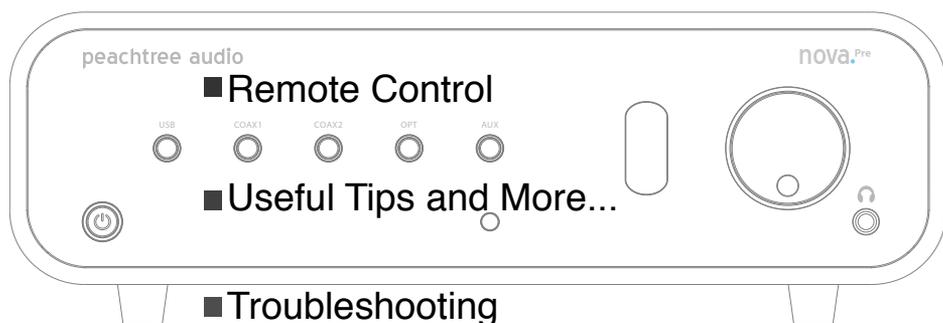3) You may register your unit on our website: www.peachtreeaudio.com.

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USB   COAX1   COAX2   OPT   AUX

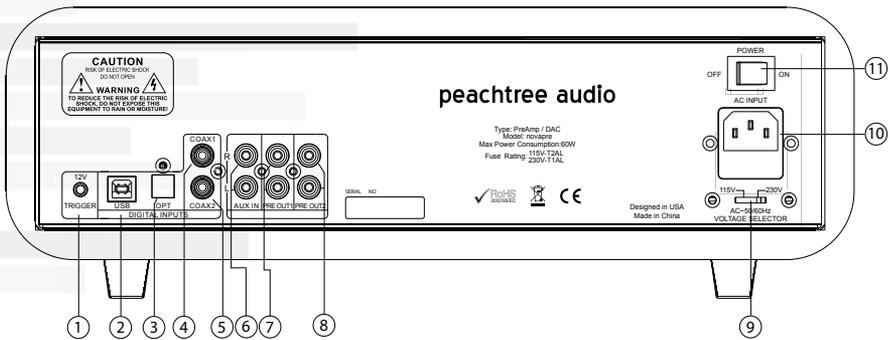Thank you for purchasing the Peachtree Audio novaPre!

At Peachtree Audio we design products that provide a magical musical experience. When you connect the digital output from a Sonos player, a Squeezebox, an Apple TV or Apple Airport Express you'll get the full benefit of the quality built into these products. And when you connect your computer to the novaPre's digital USB input - we think you're going to love what you hear from your music library! The icing on the cake is the novaPre's ability to process 24/192khz streams through both the USB and the SPDIF inputs. The ability of the novaPre's internal digital to analog converter to process and play compressed, uncompressed and high resolution music files from your computer's hard drive - or from any of your favorite digital program sources - makes the novaPre a "must have" in your high-end music system.

The novaPre is a blend of a high quality - high resolution DAC with a true state-of-the-art hybrid tube preamp. Both analog and digital sources will sound exceptional.

This manual is a guide to the functions of your novaPre. It shows you how to connect both digital and analog sources, and offers tips on getting the best performance. The ability to mate with virtually any digital source, while providing superior sound makes the novaPre a special product. It's one we're proud to offer. We sincerely hope the novaPre 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 novaPre purchase.
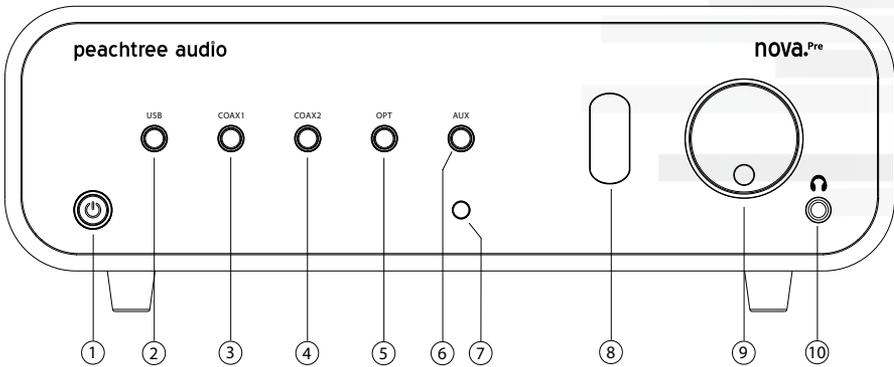
Thanks again - and Happy Listening!
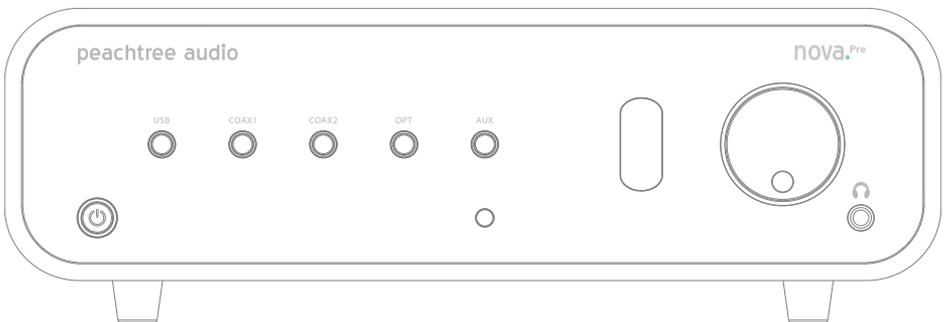
The Folks at Peachtree Audio

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CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
WARNING
TO REDUCE THE RISK OF ELECTRIC
SHOCK, DO NOT EXPOSE THIS
EQUIPMENT TO RAIN OR MOISTURE!

peachtree audio

Type: PreAmp / DAC
Model: novapre
Max Power Consumption:60W
Fuse Rating: 115V-T2AL
230V-T1AL

RoHS

CE

Designed in USA
Made in China

POWER
OFF   ON
AC INPUT

115V   230V
AC~50/60Hz
VOLTAGE SELECTOR

12V TRIGGER   USB   OPT   COAX1 COAX2   AUX IN   PRE OUT1 PRE OUT2   SERIAL NO
DIGITAL INPUTS

1) **12V Trigger**: Enables automatic turn on and off from-or-to another source with the same feature.

2) **USB Digital Input**: The USB connection takes digital audio content off your computer and sends it to the internal DAC.

3) **Optical Digital Input 1**: Toslink and fiber optic cable connections are common on some CD players, cable boxes, Apple products, and other digital audio sources.

4) **Coaxial Digital Input 1**: Coaxial digital connections are common on some CD players, cable boxes, Sonos modules, the Slim Devices Squeezebox, and a host of other digital audio sources. Be sure to use a proper digital audio cable for this purpose.

5) **Coaxial Digital Input 2**: Coaxial digital connections are common on some CD players, cable boxes, Sonos modules, the Slim Devices Squeezebox, and a host of other digital audio sources. Be sure to use a proper digital audio cable for this purpose.

6) **Aux Analog Input**: Line level input that is suitable for iPods, CD players, Tuners, etc.

7) **Pre Out 1**: (class A) Variable output stage to connect to a power amplifier or subwoofer.

8) **Pre Out 2**: (op amp) Variable output stage to connect to a power amplifier or subwoofer.

9) **Voltage Switching**: For international use. Unplug the novaPre 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 novaPre.

10) **AC Power Cord Attachment & Fuse**: The three prong power cord is included in the novaPre box. User replaceable after turning the novaPre 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 novaPre.

11) **Power On/Off switch**

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The selector buttons on the Front Panel are very straightforward but we have included additional information for your benefit.

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USB   COAX1   COAX2   OPT   AUX

1) 2) 3) 4) 5) 6) 7) 8) 9) 10)

1) **Standby Switch**: After turning the novaPre on from the back panel (#11 Power On/Off switch) you can use this button to switch between "on" which displays a blue light and "standby" which displays a green light. This function can also be controlled by your wireless remote.

2) **USB Digital Input**: The USB connection takes digital audio content off your computer and sends it to the internal DAC via I2S configuration.

3) **Coaxial Digital Input 1**: Coaxial digital connections are common on some CD players, cable boxes, Sonos modules, the Slim Devices Squeezebox, and a host of other digital audio sources. Be sure to use a proper digital audio cable for this purpose.

4) **Coaxial Digital Input 2**: Coaxial digital connections are common on some CD players, cable boxes, Sonos modules, the Slim Devices Squeezebox, and a host of other digital audio sources. Be sure to use a proper digital audio cable for this purpose.

5) **Optical Digital Input 1**: Toslink and fiber optic cable connections are common on some CD players, cable boxes, Apple products, and other digital audio sources.

6) **Aux Analog Input**: Line level input that is suitable for iPods, CD players, Tuners, etc.

7) **IR Receiver Port**: Please aim your remote control at this port for best results. It passes the infrared commands to the novaPre control software.

8) **Tube Window**: The tube window is really just for show, but we couldn't resist. There's something about the warm glow of a tube and the kind of sound it produces.

9) **Volume Control**: The volume control is motorized from your remote control and has a button indicator to allow the user to see levels from a distance.

10) **Headphone Jack**: Plug-in activates mute on the novaPre. Please see specifications for compatibility.

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• **Coaxial Digital Input:** For connecting the coaxial output from any digital source, using a coaxial digital cable. Push the "COAX" input button on the front of the novaPre to listen.

• **Optical Digital Input (sometimes called Toslink):** For connecting the optical output from any digital source, using an optical digital cable. Push the "OPT" input button on the front of the novaPre to listen.

• **USB Digital Input:** For connecting the USB output from a computer (or other source component which can output audio via USB) using a USB cable. Push the "USB" input button on the front of the novaPre to listen.

• **Aux Inputs:** For connecting analog inputs (CD player, Tuner, Phono preamp) using RCA interconnects for unbalanced terminals and XLR interconnects for balanced terminals. Aux input buttons are on the front panel, so push the one that corresponds to the Aux input you're using on the back panel.

• **Preamp Output:** For connecting the variable preamp output of the novaPre to an amplifier. The left and right cables should connect to the left and right inputs of the power amp.
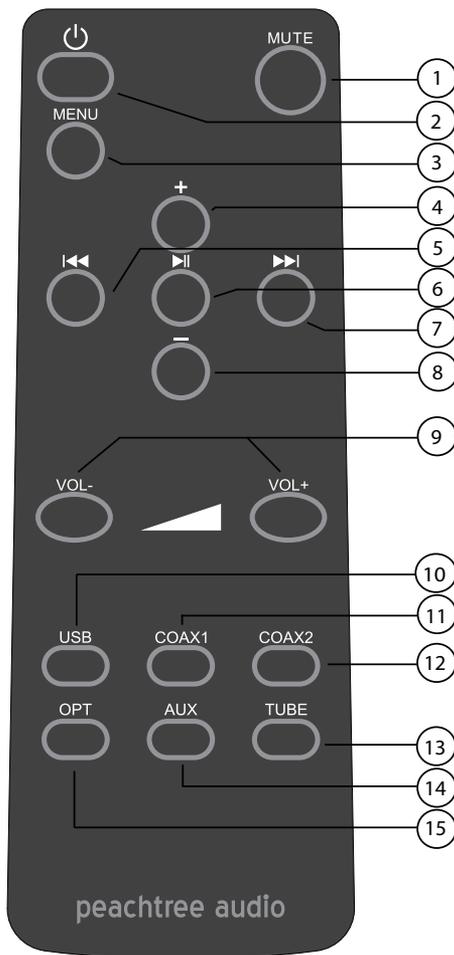
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1) **On/Standby**

2) **Mute:** This button will mute the novaPre.

   Buttons 3-8 are universal controls for iPods so our many customers who use Apple docks in their system can use a single remote

3) **Menu:** This button currently serves no function but may have an application at a later date.

4) **+:** This button currently serves no function but may have an application at a later date.

5) **Skip back:** This button skips back to the beginning of a music or video selection except when the track has played for less than 10 seconds. Then it will skip back to the begining of the previous track.

6) **Play/Pause:** This button will start ("Play") or stop ("Pause") your music or video selection. They operate in sequence. After activating "Play" the next push of the button activates "Pause."

7) **Skip Forward:** This button skips ahead to the next music or video selection.

8) **-:** This button currently serves no function but may have an application at a later date.

   Buttons 9-16 are for control of the novaPre

9) **Volume-/Volume +:** These buttons reduce and increase volume level.

10) **USB:** This button selects a digital audio source at the USB connection.

11) **Coax 1:** This button selects a digital audio source at the Coaxial digital connection.

12) **Coax 2:** This button selects a digital audio source at the Coaxial digital connection.

13) **Tube:** This button allows the user to choose either solid state or tube-hybrid operation of the novaPre's preamp stage. The blue LED will turn on when the tube is activated.

14) **Aux:** This button selects an analog audio source at the Aux connection.

15) **Opt:** Optical digital input for digital audio sources with optical digital outputs, like cable boxes and Apple TV's. Sometimes called Toslink.

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At Peachtree Audio we think products should be easy to use, but you need to know a few things before setup. The novaPre's USB digital input accepts music files from your computer's hard drive and plays them back with superb fidelity. See instructions below. Some minor changes may occur with Windows or Apple OS updates, but the basics are the usually the same.

USB Connections

PC

1) Connect the USB terminal on the novaPre to a USB connection on your computer.
2) Your computer will "see" the USB Audio DAC inside the novaPre. You might get a pop-up box noting a new USB connection.
3) Right click the speaker icon on the bottom of your screen.
4) Select "Audio" tab.
5) Using the drop-down box choose the USB dac.
6) Click OK.
7) You will need to install the included CD software download for 24/192 playback on a PC.

Launch Music Program and play.

Mac

1) Open System Preferences.
2) Click on Sound.
3) In the Output tab you should see USB Audio DAC (or similar) as one of the choices.
4) Select it.

Launch iTunes and enjoy your music.

Once you set up your computer following the above instructions it should recognize the novaPre's USB Audio DAC and default to it. If you unplug the USB connection you may have to repeat some steps; this is not unusual.

Other useful tips...

For the best sound when listening to music from your computer, set your computer and music program volume controls to maximum and use the novaPre volume knob or remote control as the master volume control.

For critical listening to music from your computer, avoid keeping multiple programs open. It can compromise the sound quality and even cause signal dropouts.

Give the novaPre adequate ventilation as it may get warm.

We'll post articles and other helpful tips on getting the best sound from your computer's music files, your iPod, and your other digital music sources. Visit us at our website:

www.peachtreeaudio.com

 Interested in the Green Movement?

The novaPre meets the European RoHS standards for non-hazardous metals.

The novaPre utilizes a standby transformer that draws less than one watt of power.

We will continue to investigate more ways of making our products environmentally friendly. Feel free to email us with your suggestions:

info@peachtreeaudio.com

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The novaPre will not turn on	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.

The novaPre turns on but there is no sound	Be sure your system is not muted and that the novaPre has been selected. Be sure your digital source is on and playing. Be sure the novaPre's standby button is glowing blue and that your desired input is glowing blue. If the input button is blinking the novaPre is in "mute" mode. Press the mute button on the remote to un-mute the novaPre. Check to be sure your digital cable is properly connected.

The remote control doesn't work	Please check the batteries by removing the cover on the back of the remote. It is an infrared remote so it needs a clear line of sight to the sensor on the front panel of the novaPre.

You intermittently lose your signal on the USB input	First, try relaunching your music server program (iTunes, WMP, etc.). If your computer still doesn't recognize the USB DAC unplug the USB cable from the computer and the novaPre, wait a few seconds, then reconnect. These are computer hookups, and sometimes you'll lose a signal just as with your printer or other USB device. You should not have this problem often. We designed the novaPre to remain locked on the USB signal at all times, but signal dropouts are still possible.

You pick up hum and noise on your novaPre from the computer	This can require some trial and error diagnostics. If you have music files available on a laptop computer connect it (while on battery power) to the novaPre. If it works properly, with no noise, then the computer is introducing a ground loop into the system. This is not uncommon. However, the novaPre's digital inputs are galvanically isolated to minimize this problem. If a problem persists, please feel free to contact Peachtree Audio.

When you switch from one source to another you get a loud "click" or "pop"	Sometimes this is from static buildup but it should not occur consistently over a long period of time. Contact your dealer or Peachtree Audio if this persists.

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International Guarantee and Claims Under Warranty

International Guarantee

The novaPre has a two year Parts and Labor guarantee from the time of purchase. The tubes (valves) have a 6 month guarantee. Units that are covered under this guarantee include novaPre's purchased from an authorized novaPre distributor or dealer.

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 novaPre distributor.

You should use a suitable carrier. **Do not send by Postal Service**. Peachtree Audio cannot accept responsibility for the novaPre 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 novaPre, please call for a return authorization number before returning products for service. Any novaPre 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

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- Variable RCA Stereo Output: 7V rms/11.2V peak

- Pre Out 1 Output Impedance: 50Ω (discrete class A)

- Pre Out 2 Output Impedance: 15Ω

- S/N at the Variable Analog Output: 96db

- Jitter Measured at the Master Clock: < 3.0ps

- Power Supply: 8700μF of filtering

- Stereo Separation: 94db

- Maximum Power Consumption: 60W, standby less than 1W

- Dimensions: 111 x 377 x 292 (mm)
                4.37 x 14.8 x 11.5 (inches)

- Weight: 7.2 kg
            15.89 lbs

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