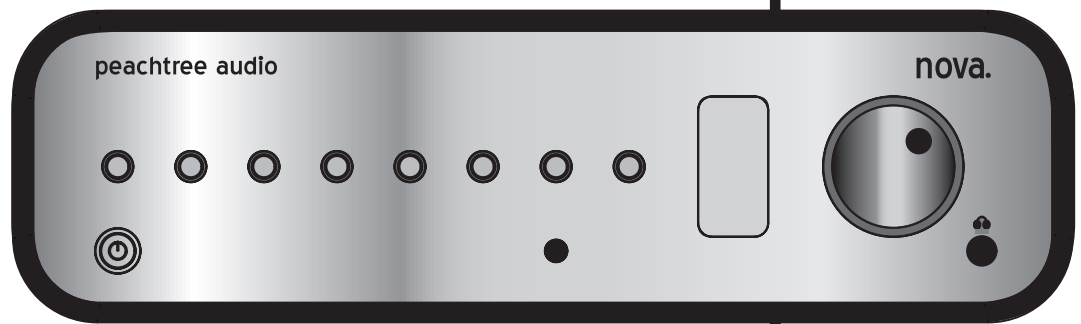


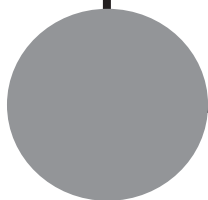
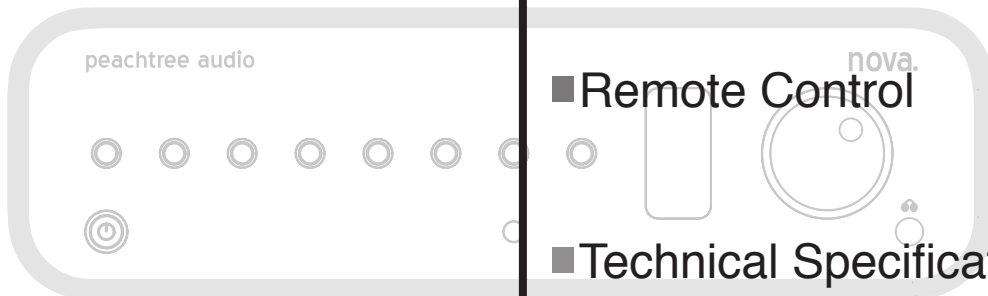
peachtree audio



nova.

Contents: **Nova** Owner's Manual and Product Specifications

- Introduction
- Safety Guidelines
- Back Panel Connections
- Front Panel Controls
- Remote Control
- Technical Specifications
- Trouble Shooting
- Product Guarantee and Service



Introduction

Thank you for purchasing the Peachtree Audio Nova amplifier.

While Peachtree Audio is a new company, the people behind the design and marketing of this fine product have been in the Consumer Electronics business over 30 years. The design of the Nova is an attempt to marry audiophile level amplification with the unique capabilities of external Digital to Analog converters. The ability to process and play compressed and uncompressed music files that have been downloaded to hard drives makes the Nova a unique product. The fact that it vastly improves upon the performance of most computer-audio systems is a big plus; and our original goal.

This manual is your guide to the functions and connections associated with the Nova. It will process a host of digital audio sources from the Apple Airport to the Slim Devices Squeezebox, to the Roku Soundbridge, to the Linksys Music Bridge, to the Sonos ZP80, and to the digital output of your CD player. And of course, you can plug an iPod in to it, too.

We sincerely hope that the Nova provides you with years of trouble-free music listening, and that you will use it often. We will try to keep updates on our website, <http://signalpathint.com/index.htm> , and you may also want to contact your dealer should you have any questions.

Thanks again, and Happy Listening!
The Guys at Signal Path

nova.

Important Safety Instructions

Caution: Please read all instructions and warnings, both in this owner's manual and on the product itself.

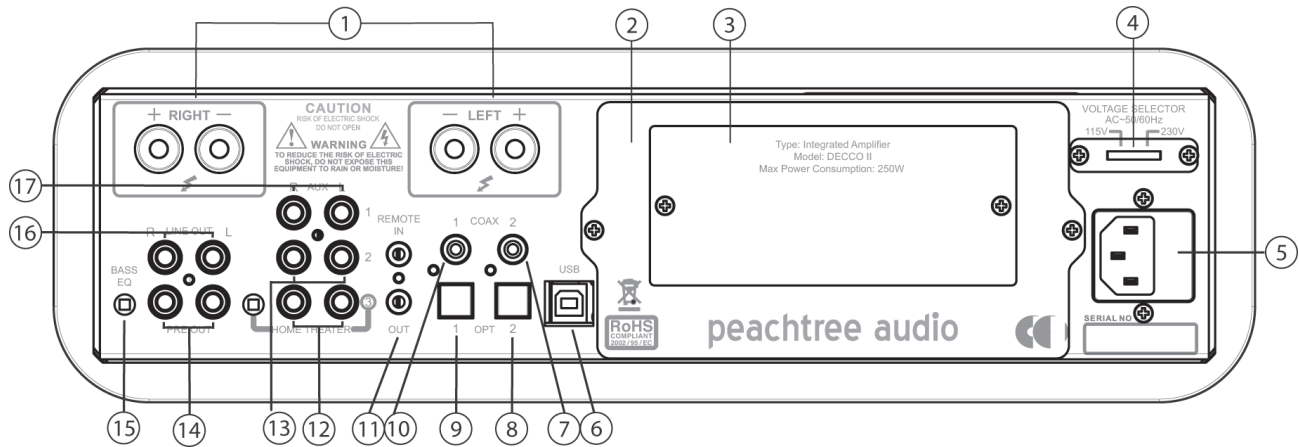
- 1) Please do not attempt to service this unit yourself. There are no user serviceable parts inside (except tube replacement) and a shock hazard exists with the cover off.
- 2) The tube can be replaced easily. Unplug the unit. Remove cover by removing the screws on the bottom of the unit.. Firmly pull the old tube out. Replace with new tube.
- 3) Be sure that the unit is connected to an AC outlet with the proper voltage.
- 4) It is important that the unit is not exposed to water and moisture. If this happens, unplug the AC cord and do not turn it back on until the unit is completely dry.
- 5) Place the unit away from heat-producing appliances such as radiators and stoves. Also, be sure the unit always has a fair amount of ventilation.
- 6) Always replace fuses with units of the same specification.
- 7) We recommend unplugging the unit during a lightning storm

Unpacking and Warranty

- 8) Keep all packing materials for future shipments. (service)
- 9) Keep a record of your bill of sale and a copy of the serial number for warranty and insurance purposes.
- 10) You may register your unit on the Signal Path website. www.signalpathint.com

Back Panel Connections

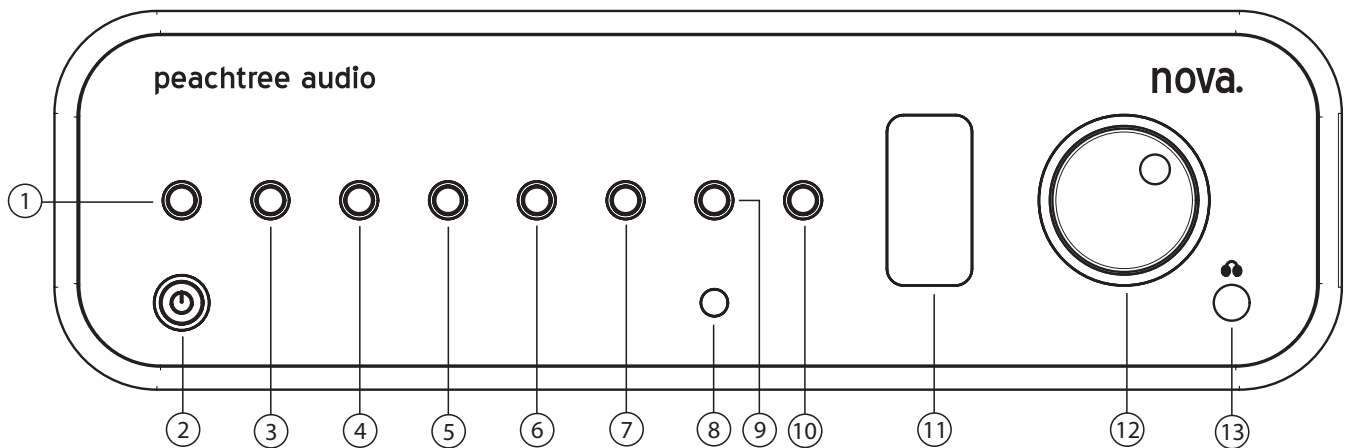
- 1) **Speaker terminals:** The speaker terminals are clearly marked red-positive and black-negative for proper polarity connections.
- 2) **Storage Bay:** You can store a digital audio wireless device like the Sonos ZP80 or the Linksys Music Bridge in this compartment. There may be concerns about reduced wireless range or heat buildup, though that has not been our experience. If either happens, you should remove the device to see if you get better results.



- 3) **Terminal Window:** This opening will allow you to seal off a digital audio wireless device but still have access to the terminals. If there are heat concerns then leave the entire storage bay panel off.
- 4) **Voltage switching:** For international use. Unplug the Nova 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 Nova.
- 5) **AC power cord attachment & Fuse:** The three prong power cord is included in the Nova box. Fuse is user replaceable after turning the Nova off. You may call your dealer or Signal Path's service department with any questions regarding fuse replacement. ****warning**** using the wrong value fuse may cause damage to the Nova.
- 6) **USB Digital input :** to connect directly to your computer. The LED next to the USB connection will remain lit when the signal from your computer is locked.
- 7) **Coaxial Digital input 2:** for coaxial digital sources
- 8) **Optical Digital input2:** for optical digital sources
- 9) **Optical Digital input1:** for optical digital sources
- 10) **Coaxial Digital input 1:** for coaxial digital sources
- 11) **3.5mm IR Remote input and output**
- 12) **Aux3 / HT bypass:** see explanation *
- 13) **Aux 2:** for analog line level sources
- 14) **Preamp output:** to connect the Nova to an external amplifier or to a subwoofer. The Nova amplifier is still active when the preamp output is used.
- 15) **Digital filter slope:** user selectable DAC filter slopes allow for a sharp slope which measures better and a soft slope that is preferred by many audiophiles.
- 16) **Line level output:** This fixed output will allow the user to feed the Nova's sources in to another preamp input.
- 17) **Aux 1:** for analog line level sources

*The Home Theater Bypass is used when you want to integrate the Nova in to a Home Theater system that has Preamp outputs on the surround processor.. First you should turn down the volume. Then you take the Front left and Right preamp outputs from your Home Theater processor and plug them in to the Aux3/HT Left and Right inputs. Next you activate the HT button next to the Aux3 input. At this point you are bypassing the preamp stage of the Nova and using the Nova's amplifier to power your left and right front speakers in your home theater. You will also have 2 Aux inputs for analog sources such as an iPod or a CD player. This feature allows you to have a large number of digital inputs integrated in to your Home Theater setup.

Front Panel Connections

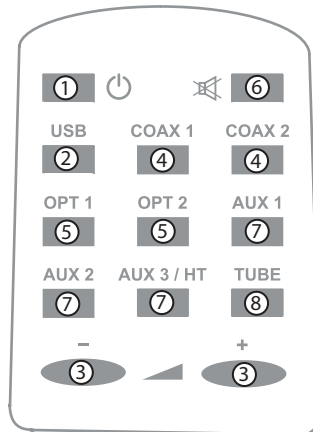


- 1) **Digital USB input:** for computer audio sources
- 2) **Power /on/off/standby**
- 3) **Digital Coax input:** connects to the pcm coaxial digital output of CD players, DVD players, Wadia iTransports, Sonos ZP 80, Slim Devices Squeezebox, etc...etc...
- 4) **Digital Coax input:** connects to the pcm coaxial digital output of CD players, DVD players, Wadia iTransports, Sonos ZP 80, Slim Devices Squeezebox, etc...etc...
- 5) **Optical digital output:** connects to the pcm coaxial digital output of CD players, DVD players, Wadia iTransports, Apple TVs, Sonos ZP 80, Slim Devices Squeezebox, etc...etc...
- 6) **Optical digital output:** connects to the pcm coaxial digital output of CD players, DVD players, Wadia iTransports, Apple TVs, Sonos ZP 80, Slim Devices Squeezebox, etc...etc...
- 7) **Aux 1 analog input:** for any analog line level output device including an iPod
- 8) **Infrared remote signal sensor**
- 9) **Aux 2 analog input:** for any analog line level output device including an iPod
- 10) **Aux 3 analog input / Home Theater bypass (see back panel explanation)**
- 11) **Tube (valve) window**
- 12) **Volume control**
- 13) **Headphone input:** _ “ phono standard

*The lighted rings around the digital input buttons will blink until the digital signal is locked on the DAC

Remote Control

The Nova remote control is straightforward, easy to use, and elegantly designed. You remove a screw on the back to replace dead batteries. We suggest that after you manually turn the Nova “on”, that standby be your default position when the Nova is not in use. It will not damage the unit or wear the parts out more quickly than being completely “off”.



- 1) **On/Standby:** This button switches between “standby” and On” . When in standby the Nova draws very little voltage. We recommend turning the Nova off by leaving it in standby.
- 2) **USB:** This button selects a digital audio source at the USB connection.
- 3) **Volume + - :** These buttons will increase and decrease volume levels. The motorized volume control has an LED indicator for easy level viewing from a distance.
- 4) **Coax 1 & 2:** These buttons select a digital audio source at the Coaxial digital connection.
- 5) **Opt 1 & 2:** These buttons select a digital audio source at the Optical (or Toslink) connection.
- 6) **Mute:** This button will mute the Nova.
- 7) **Aux 1,2,and 3:** These are your three standard line level inputs. See Back Panel page for an explanation of the Home Theater bypass.
- 8) **Tube:** When engaged, this button will bypass the tube in the preamp circuit allowing for Solid State performance.



Technical
Specifications

At the time of this printing exact specifications were not available. Please refer to our website, www.signalpathint.com, as we will post them ASAP.



Trouble Shooting

The Nova will not turn on	Make sure the on/off switch on the front panel is engaged. Check to be sure the AC plug is connected. Check the fuse.
The Nova unit turns on but there is no sound	Be sure you have the proper input selected. Make certain the mute isn't engaged. Determine if your source is on. If the input button is blinking then your digital signal is not locked. Check your cable for connections and your source to be sure it is on and playing.
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 Nova.
You intermittently lose your signal on the USB input	The first thing to try is rebooting the music server program (iTunes, Foobar, WMP, etc) and see if that works. Then try turning the Nova off, then re-boot your computer. Then turn the Nova back on. If the computer still doesn't recognize the USB DAC repeat the process and also unplug the USB cable from the computer and the Nova, then plug it back in right before re-booting. These are computer devices, and sometimes you'll lose a signal just like your printer or any other USB device. You should not have this problem often. We designed the Nova to remain locked on the USB signal at all times, but sometimes you can still get a signal dropout.
You pick up hum and noise through your Nova in your office system	This can require some trial and error diagnostics. If you have music files stored on a laptop computer, hook it up to the Nova and a pair of speakers using battery power. If it works properly with no noise then your computer in your office is introducing a ground loop in to the system. This is not uncommon; but the Nova has transformer coupled digital inputs to minimize this problem. If problems persist, please feel free to contact Signal Path.
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 Signal Path if this persists.
Your Coaxial Digital connections do not sound quite right	You must use a wide bandwidth 75 ohm digital interconnect in this application. If you use a standard audio RCA cable the results will not be nearly as good. This is not an unusual mistake as the two interconnects look identical but sound different.
Your iPod doesn't sound quite right through the Nova	Your iPod offers custom equalizations for headphone use that aren't necessary with the Nova and a good pair of speakers. Use a "flat" response and be sure the iPod volume is set to match the other components in your system. If you find that you still need equalization, then start at "flat" and make your settings from that point.

Warranty, Contact, and Support Information

International Guarantee

The Nova has a 1 year Parts and Labor guarantee from the time of purchase. Tubes are covered for 6 months. Units that are covered under this guarantee include Novas purchased from any authorized Nova distributor or dealer.

Signal Path can take no responsibility for defects arising from accident, misuse, abuse, wear and tear, neglect or through unauthorized adjustment and/or repair. We also cannot accept responsibility for damage or loss occurring during transit to or from the person claiming under the guarantee. The warranty does not cover shipping costs.

Claims Under Warranty:

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

You should use a reputable carrier....Do Not Send By Postal Service. . Signal Path cannot accept responsibility for the Nova while in transit to the dealer, distributor, or service facility. Please insure the unit against loss or damage while in transit.

In the unlikely event that you experience a failure with your Nova, please call for return authorization number before returning products for service. Any Nova 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.

Main office (not service)

Signal Path International
2045 120th Avenue NE
Bellevue, WA 98005

Website: www.signalpathint.com

S I G N A L  P A T H



nova.

