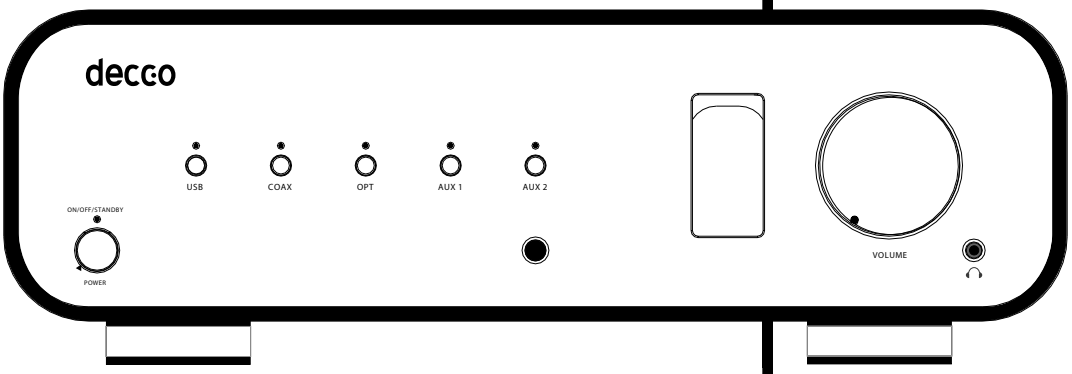
decco



peachtree audio

decco

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

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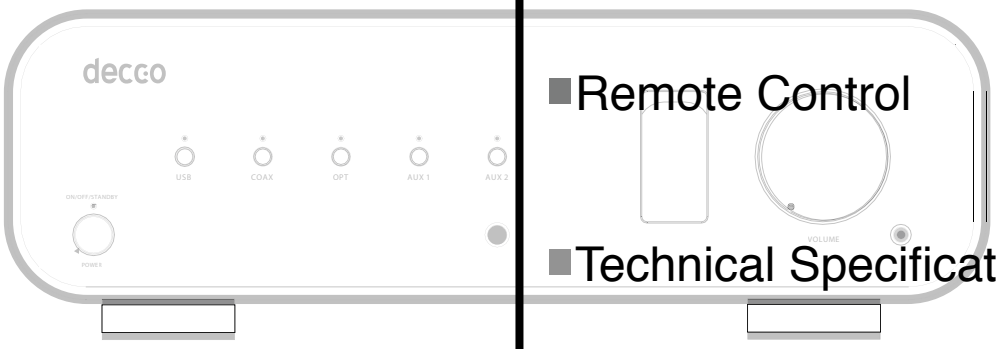

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Introduction

Thank you for purchasing the Peachtree Audio Decco 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 Decco 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 Decco 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 Decco. 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 Decco 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

Safety Guidelines

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

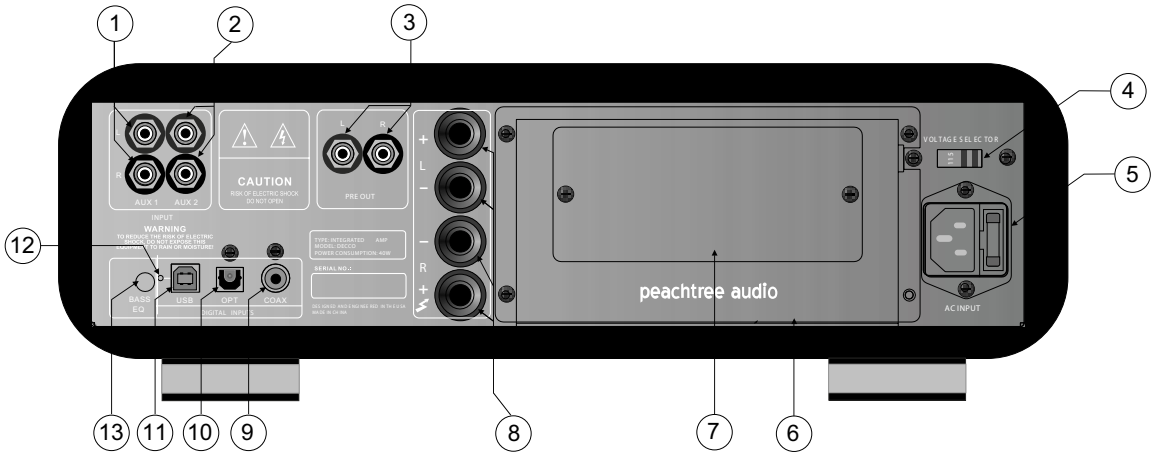
decco

Back Panel Connections

1) **Aux1:** Line level input that is suitable for iPods, CD players, Tuners, etc.

2) **Aux2:** Line level input that is suitable for iPods, CD players, Tuners, etc

3) **Pre-Out:** The preamp-out connections will allow you to use an external amp with the Decco, and also provide connections for a subwoofer.



4) **Voltage switching:** For international use. Unplug the Decco 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 Decco.

5) **AC power cord attachment & Fuse:** The three prong power cord is included in the Decco box. User replaceable after turning the Decco 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 Decco.

6) **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.

7) **Terminal Window:** This opening will allow you to seal off a digital audio wireless device (see #6) but still have access to the terminals. If there are heat concerns then leave the entire Storage bay panel off.

8) **Speaker terminals:** The speaker terminals are clearly marked red-positive and black-negative for proper polarity connections.

9) **Coaxial Digital input:** 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.

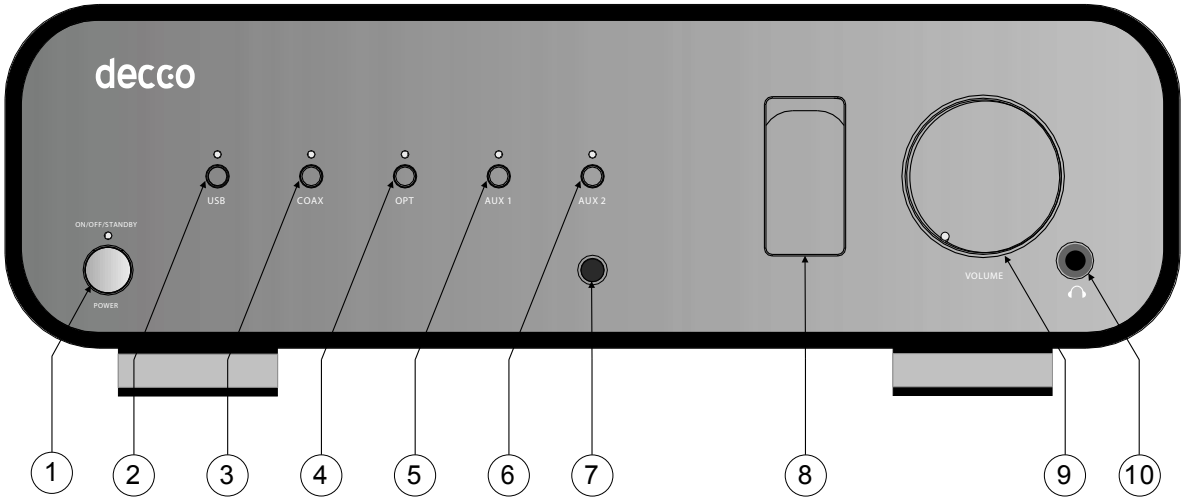
10) **Optical Digital input:** Toslink and fiber optic cable connections are common on some CD players, cable boxes, Apple products, and other digital audio sources.

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

12) **USB lock:** The LED next to the USB connection will remain lit when the signal from your computer is locked.

13) **Bass Eq:** +6db at 50hhz. Works very well to make very small speakers sound much larger. Do not activate if the volume is already loud. Turn volume down, hit the switch, and slowly turn it up.

Front Panel Connections



1) **On/Off/Standby:** Once you turn the Decco on manually by pressing this button, it will go in to standby mode when you turn it "off" from the remote. The Decco has a 15-20 second turn-on delay for protection. It operates both from the Off or the Standby positions

2) **USB Digital selector:** The USB connection takes digital audio content off your computer and sends it to the internal DAC via I2S configuration. The LED next to the USB connection will remain lit when the signal from your computer is locked.

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

5) **Aux 1:** Line level input that is suitable for iPods, CD players, Tuners, etc.

6) **Aux 2:** Line level input that is suitable for iPods, CD players, Tuners, etc.

7) **IR sensor for remote control:** The infra-red sensor on the front panel receives signals from your remote control. Be sure that it is not blocked or covered.

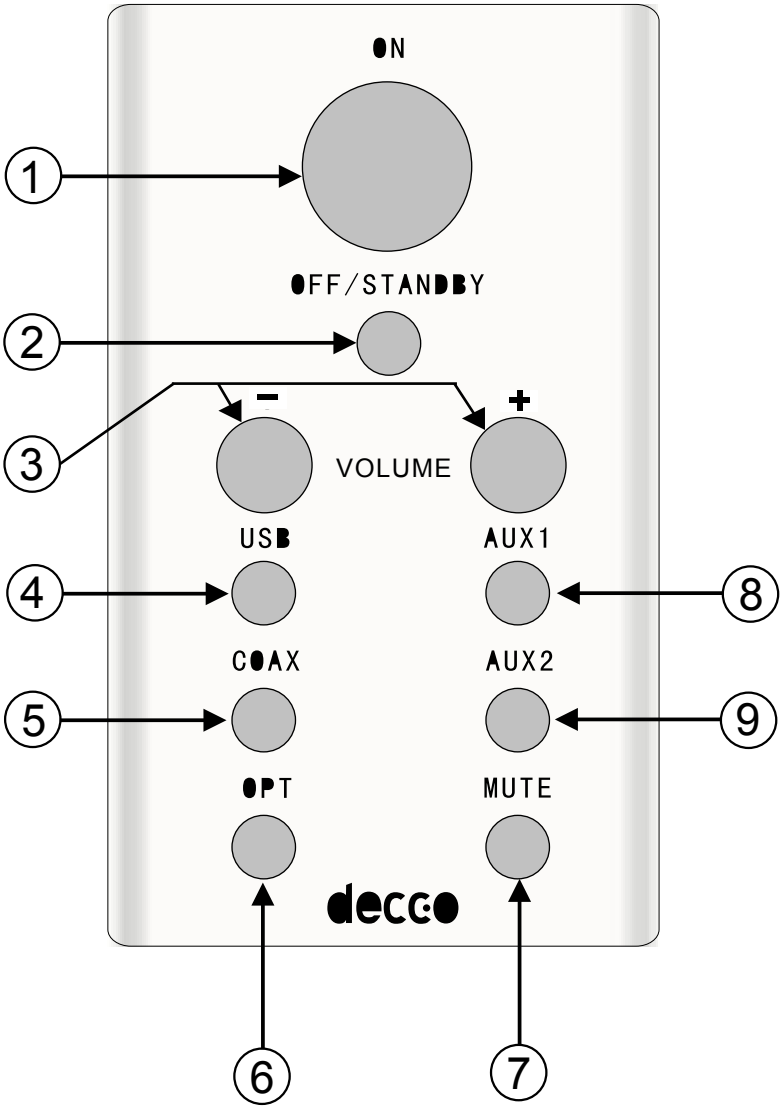
8) **Tube Window:** The tube window is really just for show, but we couldn't resist. There's something about the warm glow of a tube and the kind of sound it produces.

9) **Volume Control:** The volume control is motorized from your remote control and has an LED to allow the user to see levels from a distance. When the volume is muted, the LED will blink as an indicator.

10) **Headphone Jack:** The headphone jack will drive the vast majority of phones available on the market today. You can adjust sound level with the Volume control

Remote Control

The Decco 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 Decco “on”, that standby be your default position when the Decco is not in use. It will not damage the unit or wear the parts out more quickly than being completely “off”.



1) **On:** This button will turn the Decco “On” from the standby position.

2) **Off/Standby:** This botton will send the Decco in to standby mode.

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

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

6) **Opt:** This button selects a digital audio source at the Optical (or Toslink) connection.

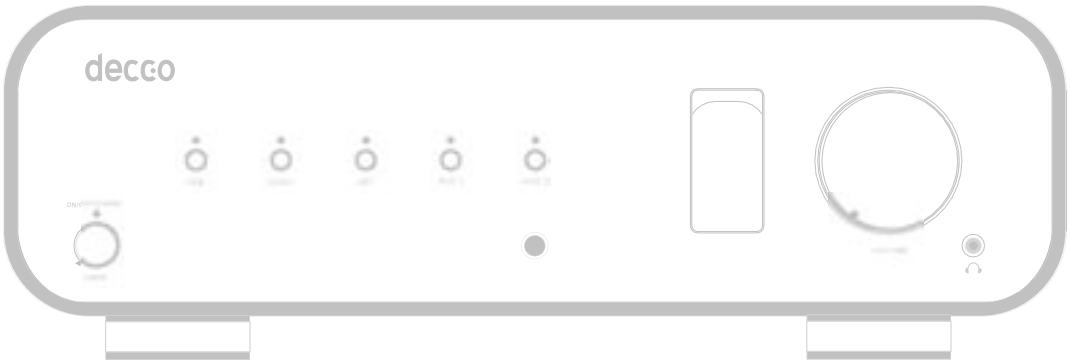
7) **Mute:** This button will mute the Decco. When in mute, the Volume control LED should blink. There is no mute control on the front panel of the Decco.

8) **Aux 1:** This button selects an analog audio source like an iPod, Tuner, or a CD player at the Aux1 connection.

9) **Aux 2:** This button selects an analog audio source like an iPod, Tuner, or a CD player at the Aux2 connection.

Technical Specifications

Power in to 8 ohms	50 watts musical peaks
Power in to 4ohms	68 watts musical peaks
THD at rated power	0.01% at 42w and 57w, increases at max power/ clipping
Aux input sensitivity	1 Volt
Aux input impedance	47k ohms
Dacs	USB to I2S direct dac, no oversampling, no digital filter, 16 bit
S/PDIF to I2S direct dac	as above, with coaxial and toslink inputs, 16 bit
USB	processes 44.1k material and S/PDIF can process 96k pcm
Headphone output	1/4 inch stereo jack. Use an adaptor for mini stereo plugs



Trouble Shooting

The Decco 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 Decco unit turns on but there is no sound	Be sure you have the proper input selected. Make certain the mute isn't engaged. Make sure your source is on. On the USB input an LED will light up when the signal is locked.
The Decco sounds "boomy"	This should only happen when the Decco is attached to a pair of speakers with adequate bass response and the Bass Eq is engaged. Simply disengage the Bass EQ.
Your iPod doesn't sound quite right through the Decco	iPod offers custom equalizations that aren't necessary with the Decco and a good pair of speakers. Use a "flat" response and be sure the iPod volume is set at a level to match other components.
The remote control dosen't work	Please check the batteries by removing the screw 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.
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 connection doesn't sound 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.
You 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 Decco off, then re-boot your computer. Then turn the Decco 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 Decco, 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 connected device.

peachtree audio

Warranty,Contact, and Support Information

Product Guarantee and Service

International Guarantee

The Decco 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 Deccos purchased from any authorized Decco 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 Decco distributor.

You should use a reputable carrier….Do Not Send By Postal Service. . Signal Path cannot accept responsibility for the Decco 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 Decco , please call for return authorization number before returning products for service. Any Decco received without an RA # will be refused. You may also wish to route your repair through your dealer, which we encourage.

Call 704-391-0673 or 704-391-9337 for a return authorization number.

Main office (not service)

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