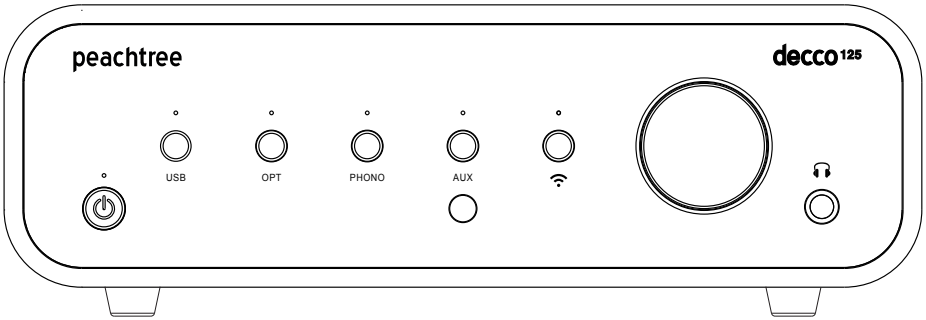
peachtree



decco125

The Spotify software is subject to third party licenses found here:
www.spotify.com/connect/third-party-licenses

IMPORTANT SAFETY INSTRUCTIONS

❶ Read these instructions – All the safety and operating instructions should be read before this product is operated.

❷ Keep these instructions – The safety and operating instructions should be retained for future reference.

❸ Heed all warnings – All warnings on the appliance and in the operating instructions should be adhered to.

❹ Follow all instructions.

❺ 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.

❻ Clean only with dry cloth.

❼ Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.

❽ Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

❾ 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.

❿ 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.

⓫ Only use attachments/accessories specified by the manufacturer.

⓬ 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.

⓭ Unplug this apparatus during lightning storms or when unused for long periods of time.

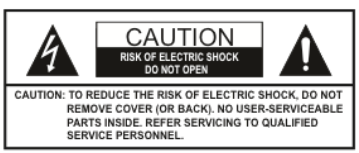
⓮ Refer all servicing to qualified personnel. Servicing is required when the apparatus has been damaged in any way such as the power cord or plug is damaged. Other damage may occur if liquid or objects have been dropped or spilled into the apparatus. Dropping the apparatus, exposure to rain, and excessive moisture may cause additional damage.

⓯ Please keep the unit in a good ventilation environment.

⓰ 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.

⓱ 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 objects filled with liquids, such as vases, shall not be placed on apparatus.

⓲ WARNING: The mains plug/appliance coupler is used as disconnect device, the disconnect device shall remain readily operable.



⓳ 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.

⓴ 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.

㉒ 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.

㉓ Correct disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.

Unpacking and Warranty

❶ Please keep all packing materials for any potential shipping needs.

❷ Please keep a copy of the sales receipt and note the serial number on it for warranty and insurance purposes.

❸ Please register your product online at www.peachtreeaudio.com.

CE Marking by the "CE" symbol (shown left) indicates compliance of this device with the EMC (Electromagnetic Compatibility) and LVD (Low Voltage Directive) standards of the European Community.

FC Note: This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. The equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and the receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

decco125

- Introduction
- Back Panel
- Front Panel
- Remote Control
- Wireless Network
- Spotify connect
- Useful Tips
- Troubleshooting
- Warranty and Repair
- Specifications

(Rev. 6/2017)

INTRODUCTION

Thank you for choosing the decco125! The original decco that Peachtree Audio launched over a decade ago was a ground-breaking product that featured a USB input and built-in DAC to facilitate audio streaming from a computer. The whole concept of “computer audio” was cutting-edge at the time and other brands eventually followed Peachtree Audio’s lead and DACs built into integrated amplifiers became an industry standard over time.

The new decco takes the integrated amplifier concept another step further and addresses the most critical component in a Hi-Fi system; the speaker. The amplifier inside the decco is designed to drive virtually any pair of traditional speakers, but when it is paired with the optional duet speakers, it becomes a 3-way, fully-active, Hi-Fi system that easily outperforms much larger and more expensive systems.

A portion of the decco rear panel is modular. As shipped from Peachtree, the rear panel is configured to drive a pair of traditional loudspeakers. When the optional duet speakers are added, the rear panel is replaced with a new one that configures the decco to drive the speakers in a fully active configuration including individually amplified drivers, active crossovers and equalization.

The new decco carries on the Peachtree tradition of form following function. The front panel is machined out of a single piece of aluminum and designed to emulate an old car radio with a single row of buttons and a volume knob. Simply select the desired input and adjust the volume to easily enjoy all of your music! The chassis is wrapped in a beautiful real-wood cabinet that has been a calling card of Peachtree Audio since the original decco was launched over a decade ago.

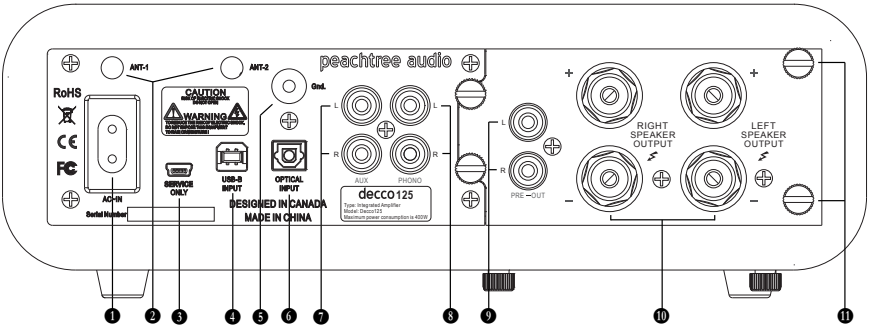
The new decco is designed to handle a wide range of inputs. There is a USB input for a computer along with an optical input for another digital audio source like a streamer or a disc player. There are two analog inputs as well. One for a turntable (with a moving magnet cartridge) and a second for a cassette deck or other “line-level” analog source device. The decco also includes an optional wireless input to facilitate audio streaming from the Internet. On the front panel, there is a headphone output capable of driving a wide range of headphones to enjoy music without disturbing others.

Please take the time to read this manual to get familiar with the decco125 and visit www.peachtreeaudio.com to register your purchase. We will extend the standard warranty if you do and your information will not be shared with anyone. We will only contact you with news that is relevant to your decco purchase! If you have additional questions or feedback, please contact your Peachtree dealer or us directly.

Thank you again for choosing Peachtree Audio. We sincerely hope that you love your decco and that it brings you many years of enjoyment. It represents a new standard for value, flexibility and innovation in the market. Happy listening!

- Your friends at Peachtree Audio

BACK PANEL



❶ **AC INPUT:** For connection to a 100-240VAC 50/60Hz AC outlet using the included power cord.

❷ **ANT-1 & 2:** RF antenna inputs for use with wireless input equipped units. Connect both antennas if the decco is or will be located in a spot where the wireless network signal strength is weaker. Check this by placing a mobile device in the spot the decco is or will be located and reading the wireless network signal strength. If all “bars” are lit, you shouldn’t need to utilize the antennas. If fewer “bars” are lit, utilized the antennas to ensure optimal wireless performance.

❸ **SERVICE ONLY:** This is NOT a USB audio input! Reserved for service use.

❹ **USB-B INPUT:** Accepts digital audio input up to 24-bit/96kHz PCM from a computer.

❺ **GROUND:** Accepts the ground connection from a phonograph/turntable.

❻ **OPTICAL INPUT:** Accepts S/PDIF digital audio input from an optical (Toslink style) output up to 96kHz. Optical digital audio outputs are common on digital audio sources including; streaming audio devices, disc players, cable boxes and HDTVs.

❼ **AUX ANALOG INPUT (L) (R):** Accepts line level input from devices with analog outputs. If the device also has a digital audio output, it may provide better sound quality.

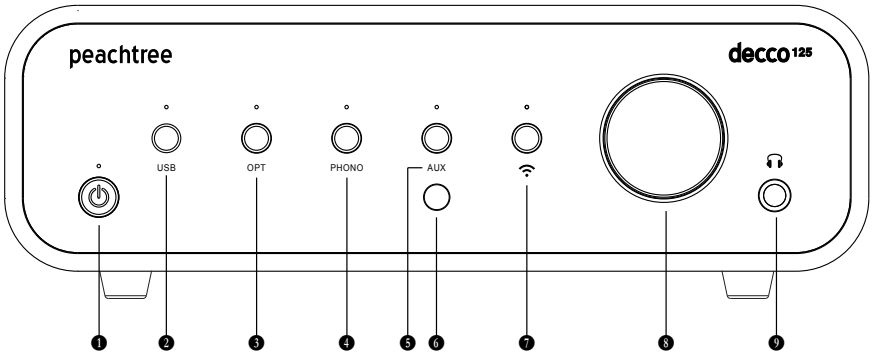
❽ **PHONO INPUT (L) (R):** Accepts input from a phonograph/turntable with a moving magnet (MM) cartridge.

❾ **PRE-OUT:** Provides analog audio output to connect to a powered subwoofer or an external power amplifier. Note: the **RIGHT** and **LEFT** speaker outputs remain active when the **PRE OUT** is used and both sets of outputs are automatically muted when the mute function is engaged or when headphones are connected to the front panel. Note: The PRE-OUT is not available when the decco is used with the optional Peachtree Audio duet speaker system.

❿ **RIGHT & LEFT SPEAKER OUTPUTS:** Speaker binding post outputs that accept banana style, spade or bare wire speaker cable terminations. The binding posts are clearly marked **RIGHT** and **LEFT** with red **(+)** and black **(-)** for proper connections with the speakers. Please check that all of the ends of the speaker cables are connected with the correct polarity; positive-to-positive and negative-to-negative. Wiring positive-to-negative or negative-to-positive should not cause any damage but it does alter the phase and therefore the sound the speakers create. Note: the **RIGHT** and **LEFT** speaker outputs are automatically muted when the mute function is engaged or when headphones are connected to the front panel.

⓫ **Rear Panel Hand Screws (4):** Hand screws provided for the installation of the rear panel included with the optional Peachtree Audio duet speaker system. Please do not remove these screws unless you are installing this option.

FRONT PANEL



❶ **On/Standby Button:** With the AC power cord connected, this button toggles the unit between On mode (which selects the last input used) and Standby mode which lights the LED red.

❷ **USB Button:** This button selects the **USB** input and lights the LED blue.

❸ **OPT Button:** This button selects the **OPT** input and lights the LED blue.

❹ **PHONO Button:** This button selects the **PHONO** input and lights the LED blue.

❺ **AUX Button:** This button selects the **AUX** input and lights the LED blue.

❻ **Wireless Button:** This button selects the optional **Wireless** network input and lights the blue LED. This button does not function if the wireless network feature is not enabled. For more information on the wireless network input, please refer to that section.

Note: The inputs buttons will also toggle the unit into On mode when in Standby mode for faster access.

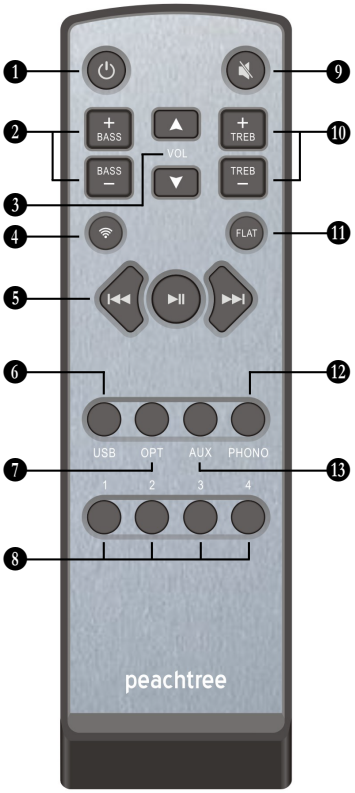
❼ **IR Receiver:** Window for receiving Infra-Red (IR) commands from the included remote control or third-party remote control systems.

❽ **Volume Knob:** Rotate clockwise to increase and counter-clockwise to decrease output level. Note: the volume level will be indicated for ~2 seconds utilizing the 5 blue input LEDS on the front panel. Each one represents ~20% of the volume range.

❾ **Headphone Output:** 1/4" headphone output connection. Inserting a headphone connection automatically mutes the **RIGHT & LEFT Speaker** outputs. Removing a headphone connection automatically un-mutes the **RIGHT & LEFT Speaker** outputs. Caution: Please lower the output level when inserting or removing headphone connections as headphone sensitivity varies widely and a comfortable speaker listening level may be extremely loud when switching to headphones.

Note: The front panel input LEDs are also used to display; volume level, bass level, treble level and whenever the unit is going into the On or Standby modes. These are temporary indicators that end after a few seconds.

REMOTE



❶ **On/Standby Button:** With the AC power cord connected, this button toggles the unit between On mode (which selects the last input used) and Standby mode which lights the LED red. Note: the input LEDs will flash white in a sequence when the unit goes into on or standby mode.

❷ **BASS +/-:** Increases or decreases the **BASS** (low frequencies). The front panel input LEDs will display the bass level with FLAT indicated by the middle LED being lit Blue.

❸ **VOL ▲/▼:** Increases and decreases the output level. Note: the volume level will be indicated for ~2 seconds using the 5 blue input LEDS on the front panel. Each LED represents ~20% of the entire volume range.

❹ **Wireless Network:** This button selects the optional **Wireless** network input and lights the LED blue. This button does not function if the wireless network feature is not enabled. For more information on the wireless network input, please refer to that section.

❺ **Transport Control Buttons:** Controls playback of compatible sources connected. ⏮ selects the previous track or the beginning of the current track if playback is in progress. ⏯ toggles between play mode and pause mode. ⏭ selects the next track in the current queue or list. Please note that some USB capable devices and wireless streaming applications may not support these controls. This is not a malfunction of the remote control. If the source does not respond to these commands, it does not support them.

❻ **USB Button:** This button selects the **USB-B** input and lights the LED blue.

❼ **OPT Button:** This button selects the **OPT** input and lights the LED blue.

Note: The inputs buttons will also toggle the unit into On mode when in Standby mode for faster access.

❽ **1 2 3 4:** Reserved for wireless network input use. For more information on the wireless network input, please refer to that section.

❾ **MUTE Button:** Mutes and un-mutes the **RIGHT & LEFT Speaker** and headphone outputs. Note: the currently selected input LED will flash white while the output is muted.

❿ **TREB Button +/-:** Increases or decreases the **TREB**le (high frequencies).

⓫ **FLAT Button:** Sets the bass and treble control to "**FLAT**" (no increase or decrease applied).

⓬ **PHONO Button:** This button selects the **PHONO** input and lights the LED blue.

⓭ **AUX Button:** This button selects the **AUX** input and lights the LED blue.

WIRELESS NETWORK

The decco125 offers an optional IEEE 802.11b/g/n wireless network input optimized for audio. If equipped, this input can be selected by pressing the ᯤ button on the front panel or remote control. It can also be selected by starting an audio stream using the **MUZO Player** application on a compatible phone or tablet.

To setup the mobile device, please download the **MUZO Player** application on your compatible phone or tablet from the App Store (iOS devices) or Google Play (Android devices).

To setup the decco for wireless streaming, please use one of the following methods:

Setup method 1 - Web Browser

1. Open the Wi-Fi settings on the mobile device and connect to the **decco125_xxxx network**
2. Open a web browser and enter **10.10.10.254** in the address bar
3. A settings page will load. Select the desired wireless network and enter the password (if necessary)
4. Once the decco125 is connected to the wireless network, “forget” or delete the decco125_xxxx network from the mobile device used to set it up
5. Make sure the mobile device is put on to the same network as the decco125

Setup method 2 - WPS button on router

1. Press and hold the WPS button on the router until it enters pairing mode
2. Press and hold the wireless network input button on the decco125 for more than 3 seconds
3. The router and the decco125 should find each other and complete the setup automatically

Once the decco125 is connected to the wireless network, utilize the **MUZO Player** application to select and control playback. The **MUZO Player** application can also control the decco125 volume and the following input selections: USB, OPT and AUX.

To setup the 1-4 direct access buttons on the decco remote control, navigate to the station or playlist you want to add and press the small icon in the lower right hand corner shown as a circle surrounding three dots. This will bring up a sub-menu to select this as a “Favorite” or a “Preset”. Select “Preset” then select 1, 2, 3 or 4. This will provide direct access for up to 4 of your favorite stations and/or playlists.

Please visit www.peachtreeaudio.com for any other tips and updates on setting up and using the wireless input feature.

If the wireless network input stops working; Press the wireless network input button and the On/Standby button simultaneously to reset the wireless network receiver without unplugging the unit from AC power.

SPOTIFY CONNECT

You'll need Spotify Premium to use Connect, see details overleaf provided separately.

1. Add your new device to the same wifi network as your phone, tablet or PC (see product user instructions for details).

2. Open the Spotify app on your phone, tablet or PC, and play any song.

3. If you're using the app on a phone - tap the song image in the bottom left of the screen. For tablet and PC move to step 4.

4. Tap the Connect icon

5. Pick your device from the list. If you can't see it, just check it's connected to the same wifi network as your phone, tablet or PC.

All done! Happy listening.

Licenses

The Spotify Software is subject to third party licenses found here:
www.spotify.com/connect/third-party-licenses.

USEFUL TIPS

At Peachtree Audio we believe all products should be easy to use, but sometimes getting the audio to stream out of a computer's USB port requires a few extra steps. See instructions below. Some minor changes may occur with Windows or Apple OS updates, but the basics are the usually the same.

USB Connections
Windows PC
1. Connect the USB-B input on the decco to an open USB port on your computer.
2. Your computer should "recognize" the decco as a USB device. You might even get a pop-up window notifying you.
3. Right click the speaker icon on your screen.
4. Select the "AUDIO" tab.
5. Using the drop-down menu, choose the Peachtree Audio option.
6. Click "OK."

Launch your music application and enjoy!

Mac
1. Open System Preferences.
2. Click on Sound.
3. In the output tab you should see Peachtree as one of the choices.
4. Select it.

Launch iTunes or other music application and enjoy!

Once you set up your computer using the instructions above, it should automatically recognize the decco each time you use it. If you unplug the USB connection or re-boot your computer, you may have to repeat some of the steps above. This is normal.

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 decco 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.

Provide adequate ventilation above the decco so it can "breathe." It is designed to draw cooler air in through the vents on the bottom and exhaust warmer air through the vents on the top.

Please check www.peachtreeaudio.com periodically for additional tips and articles.

Interested in the Green Movement?

- The decco meets European RoHS standards for non-hazardous metals.
- The decco draws less than half a watt of power in standby mode.
- The internal power amplifier is set to minimize power consumption when headphones are used.
- We are committed to continue exploring additional methods for making our products even more environmentally friendly.

TROUBLESHOOTING

ISSUE	SOLUTIONS
The decco will not power on.	Check that the AC power cord is connected and plugged into an actice AC outlet. If it is, the on/standby LED on the front panel LED should be lit red. Check that the AC outlet is functioning correctly by plugging in a lamp or other device to confirm its operation.
The decco powers on, but there is no sound or the sound is very low.	Check that the decco is not muted (blinking input LED) or headphones connected to the front panel (speaker outputs muted). Be sure your input source is powered on and playing at a reasonable volume level. Double-check the connections on the rear panel. If a phonograph/turntable is accidentally plugged into the AUX input, the sound will be very low.
The PHONO input exhibits some background static/noise.	The PHONO input is sensitive to RF noise including the signal from the wireless network input. If the noise is bothersome, press the PHONO and On/Standby buttons at the same time to disable the wireless network input temporarily while listening to the PHONO input. This mode is exited automatically when selecting a different input and needs to be re-enabled when selecting PHONO again. The noise can also be minimized by using extenders on the RF antennas attached to the rear panel. Please contact Peachtree Audio for more details at service@peachtreeaudio.com.
The remote control does not work.	Check the remote control batteries by removing the cover on the back and trying new ones. Make sure the remote control has a clear “line of sight” to the sensor on the front panel. Check that no powerful light sources, like direct sunlight, is interfering with the sensor on the front panel.
The USB signal from a computer is intermittent.	Try re-launching the music application (iTunes, etc.). If the computer doesn’t recognize the decco, unplug the USB cable from the computer and the decco, wait a few seconds, then reconnect the USB cable. Try re-starting the computer. The decco is designed to remain locked on USB signals at all times, but computers drop connections occasionally and may require prompts to re-connect.
There is hum/noise when using a computer.	If you have music files available on a laptop computer, play them while running the computer on its battery power only. If the hum/noise disappears, then the ground connection on the computer’s AC adapter is introducing a “ground loop” into the system. This is not unusual, but the USB input on the decco is designed to minimize the potential. If the issue persists, please contact your reseller or Peachtree Audio.
There is a “click” or “pop” when using the front panel controls.	Sometimes static buildup on your hand will discharge into the unit when touched and cause an audible click or pop noise. This is normal and happens most frequently in low humidity environments and in rooms with carpets. If the unit is behaving erratically afterwards, power it down completely by turning it off, letting it sit for a minute or so, then powering it back on. If the issue persists, please contact your reseller or Peachtree Audio.
The wireless network input stops working.	Press the wireless network input button and the On/Standby button simultaneously to reset the wireless network receiver.

WARRANTY

International Warranty
Peachtree Audio warrants this product for two (2) years, parts and labor, from the original date of purchase from an authorized Peachtree Audio re-seller. If you register your product online at www.peachtreeaudio.com/support/product-registration.html/, the warranty is extended to three (3) years, parts and labor.

Peachtree Audio reserves the right to refuse any warranty claims if coverage cannot be verified by a valid proof of sale or serial number.

Peachtree Audio assumes no responsibility for product failures caused by accident, neglect, misuse, modification or unauthorized repair.

Warranty does not cover shipping costs.

Visit www.peachtreeaudio.com for complete warranty details.

Repair Process
In the event that a product fails, please repack it in its original carton and contact an authorized Peachtree reseller for further instructions. If the reseller is unable to assist, please contact Peachtree Audio directly at service@peachtreeaudio.com or +1-704-391-9337 to obtain a Return Authorization (RA) number prior to shipping the product.

Any products received without an RA number may be misdirected and repair delayed.

If a RA number is issued by Peachtree Audio, please ship the product using FedEx or UPS. Do not ship using a Postal Service.

Peachtree Audio assumes no responsibility for products in transit. Please insure the shipment for the product's replacement value in the unlikely event it is lost, stolen or damaged in transit.

US Shipping Address:

Peachtree Audio
12777 East Independence Blvd
Suite B
Matthews, NC 28105
USA
RA# _____

www.peachtreeaudio.com

SPECIFICATIONS

SPEAKER OUTPUT	Decco125
Compatible Speakers	4-16Ω
Output Power (WPC, 8Ω, <1% THD+N, AES17)	120
Frequency Response (20 - 20kHz)	<+/-3dB
Inter-Modulation Distortion (100Hz, 2kHz 4:1 -30dBFS)	-60dB
Total Harmonic Distortion (AES17, 1kHz, 4Ω, 1W)	0.03%
Channel Separation (1kHz, 8Ω)	94dB

PREAMP OUTPUT	
Output Voltage (rms)	920mV
Output Impedance	100Ω
Signal-to-Noise Ratio (Analog | Digital Source, un-weighted)	100dB
Channel Separation (1kHz)	92dB at 1kHz
Frequency Response (Analog | Digital Source, 8Hz-20kHz)	+/- 0.1dB 20-20k
Total Harmonic Distortion	0.007% (1V rms, 1kHz, A-weighted)
Noise (RMS, A-weighted)	<7uV

HEADPHONE OUTPUT	
Output Power (32Ω, rms)	17mW
Signal-to-Noise Ratio (un-weighted)	107dB
Channel Separation (1kHz)	102dB
Frequency Response (Analog source, 8Hz-100kHz)	+/- 0.5dB
Total Harmonic Distortion	0.01%

USB-B Input	
Formats	16-24 Bit, 44.1-96kHz PCM

COAX and OPT Inputs	
Formats	16-24 Bit, 44.1-96kHz PCM

AUX Inputs	
Maximum Voltage (rms | peak-to-peak)	840mV
Impedance	10k

PHONO Input	
Maximum Input Voltage (rms)	18mV@1kHz (RIAA Filter +/- 1dB)
Impedance	47k

AC Power

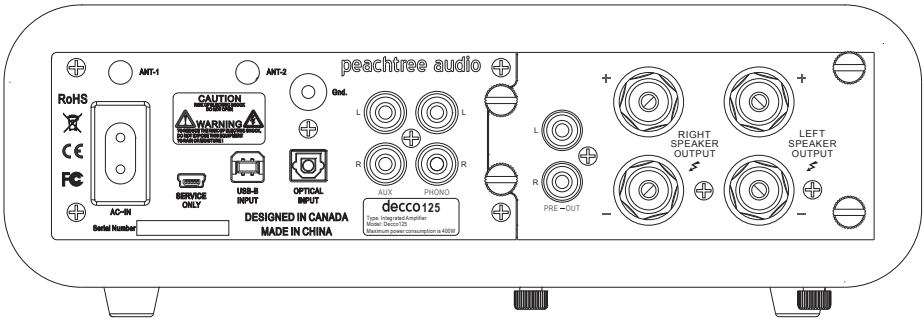
AC Input	100-240VAC, 50/60Hz
Maximum Power Consumption	400W
On Mode (Idle) Power Consumption	18W
Standby Mode Power Consumption	<2W
Fuse	100-120VAC: 3.15 A/250V (IEC time lag high breaking capacity)

Physical

Height (including feet)	89 mm | 3.50 inches
Width	250 mm | 9.84 inches
Depth (Cabinet depth (320mm) plus volume knob (18mm) plus binding posts (25mm))	363 mm | 14.29 inches
Weight (shipping)	10 lbs (13.5 lbs), 4.8 kg (6.1 kg)

All specifications subject to change without notice

peachtree



decco125