

Cantata Music Center

Getting Started Guide



resolution

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Safety Information



The lightning flash with an arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

- Check that the operating voltage of your unit is identical to that of your local power supply.
- Replace fuses only with identically rated fuses.
- To reduce risk of electrical shock, keep the unit dry and grounded. Do not operate the unit near water.
- If the unit causes RF interference with another product, move one unit or both until the interference is eliminated. If the interference cannot be sufficiently reduced, cease operation and consult Resolution Audio.
- Clean the chassis, faceplate, and controls with a soft cloth lightly moistened with mild detergent solution. Do not use any type of abrasive pad, scouring powder, or solvent such as alcohol or benzine.
- Do not discard the original box and packing materials. When shipping the unit to another location or for repair work, repack in original material.
- Do not attempt to service this product. All servicing should be referred to qualified service personnel.
- Do not install the unit in a location near heat sources such as radiators or heat ducts, or in a place subject to mechanical vibration or shock.

Warranty Information

Resolution Audio warrants the Cantata Music Center against faulty workmanship or defective materials for a period of three (3) years from date of shipment, with the exception of transport mechanisms. Transport mechanisms are covered for one (1) year. If a defect occurs within this period, Resolution Audio will repair, replace, or issue a credit for the product at our discretion. Prior to return, authorization is required. All merchandise must be returned in the original packing material with all accessories. If a product is recalled and it is not returned within 90 days, the warranty is void. This warranty is not transferable. Resolution Audio assumes no responsibility for defects resulting from misuse, neglect, improper installation, unauthorized repair, alteration, inadequate packing, or accident. No other obligations expressed or implied shall be assumed by Resolution Audio.

Unpacking

After unpacking your Cantata Music Center, inspect it for any shipping damage and contact us immediately if any is found. Do not plug the unit into any outlet if you discover any shipping damage.

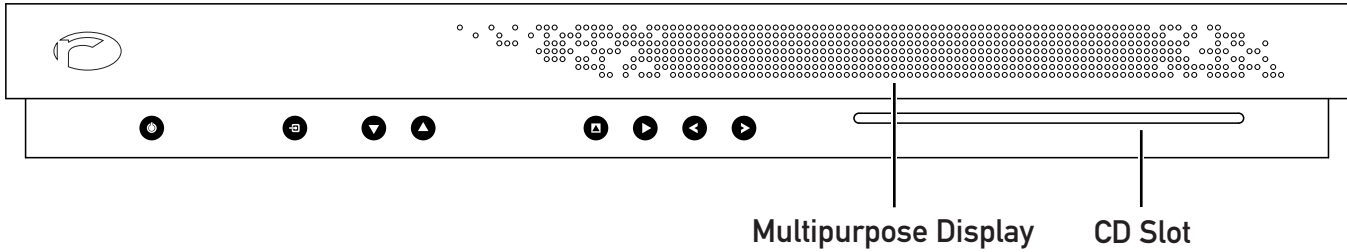
Please keep all packing materials for future transport of your player, and please do not detach the foam from the inside of the shipping crate. The crate is designed for easy reuse should it be needed and is well-tested to ensure the safety of your player. Shipping the unit in anything other than its original crate may result in damage that is not covered by warranty. If you require a replacement crate or other packing materials, please contact Resolution Audio.









In addition to the Music Center, the following items are also included: mains power cord, USB cable, remote control, and (2) AAA batteries for the remote control. To install the batteries in the remote control, open the cover on the back of the remote, insert the batteries in the orientation shown inside the compartment, and replace the cover.

Installation

1. Turn off any associated components prior to connecting the Cantata Music Center. This minimizes the chance of momentary electrical surges disturbing your system.
2. Set the power switch on the rear of the unit to the OFF position, attach the power cord and connect it to your electrical outlet. (The OFF position is selected when the “O” symbol on the switch is depressed.)
3. Connect the analog outputs of the Cantata Music Center to your preamplifier or amplifier. The Cantata Music Center is designed to connect to any preamplifier or amplifier directly using RCA or XLR interconnects.
4. Turn on the main power switch on the rear panel of the Cantata Music Center. (The ON position is selected when the “I” symbol on the switch is depressed.) The Cantata will begin in low-power standby mode. Press the standby button on either the front panel or the remote control. The Cantata Music Center will take a few seconds to initialize and read the disc if present. Volume level is factory-set to a low level (30), but will subsequently be restored to the last saved setting.
5. Turn on the rest of your system. It is a good habit to turn the amplifier on last, and off first, to prevent surges and transients from reaching your loudspeakers.
6. Insert a CD and press Play, or select an external input via the remote or front panel.
7. Adjust the volume. If you are using a preamplifier, we recommend setting the level to maximum (100). The volume setting can also be used to match the level of the Cantata Music Center to other source components, in order to minimize the difference when switching sources.

Front Panel




-  **Standby** – Toggles the player between normal operation and standby. In standby, the unit enters a low-power mode while retaining settings.
-  **Input Selector** – Pressing this button will cycle through available sources.
-  **Volume Up / Down** – Pressing these buttons increases or decreases the volume level by one step. Holding these buttons will rapidly increase or decrease the volume setting.
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-  **Stop / Eject CD** – Pressing this button once in play mode will stop playback. When the CD is stopped, the button will eject the CD.
-  **Play / Pause** – Pressing this button initiates playback and toggles between play and pause during playback.
-  **Track Backward / Forward** – Pressing these buttons will go back or forward one track with each press. Holding these buttons will rapidly skip forward or backward through tracks.
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Multi-purpose Display – Displays various information about track number and play time on a CD, current digital input source, volume level, etc.

Compact Disc Slot – Placing a CD partway into the slot will cause the player to automatically load the CD into the player. Pressing the Stop/Eject CD button on the front panel, or the Eject button on the remote, will eject the CD.


Remote Control


In addition to the controls found on the front of the Cantata Music Center, the remote control also provides the following functions:


-  **Display Brightness** – Cycles between bright, normal, dim, and off. In the “off” mode, any other key press will set the brightness to normal for several seconds, then returns to off automatically.


-  **Eject** – Ejects a CD from the transport.


- 0,1,2...9** **Numbers 0-9** – Accesses tracks by number. (CD playback only)


-  **Scan Forward / Back** – Moves playback forward or backward. (CD Only)

-  **Stop** – Stops playback. (CD Only)


-  **Pause** – Pauses playback. Pressing Pause or Play will resume playback. (CD Only)

-  **Play** – Begins or resumes playback. (CD Only)


-  **Repeat** – Cycles between Off ▶ Repeat Disc ▶ Repeat Track. (CD Only)

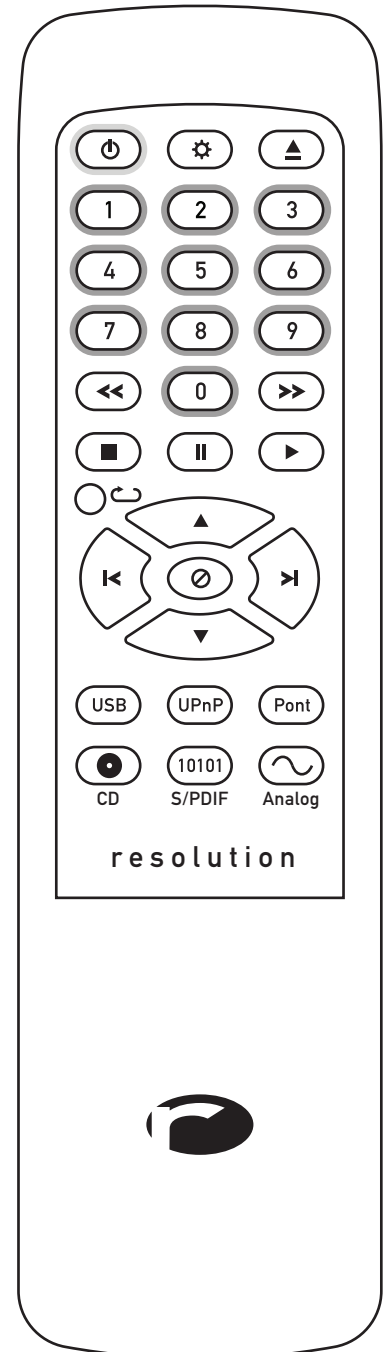
-  **Mute** – Mutes all sound. Pressing again will restore listening level.

- USB** Switches the unit to USB playback mode.
- UPnP** Switches the unit to UPnP (network storage) playback mode.
- Pont** Switches to playback via the Resolution Audio “Pont Neuf”.

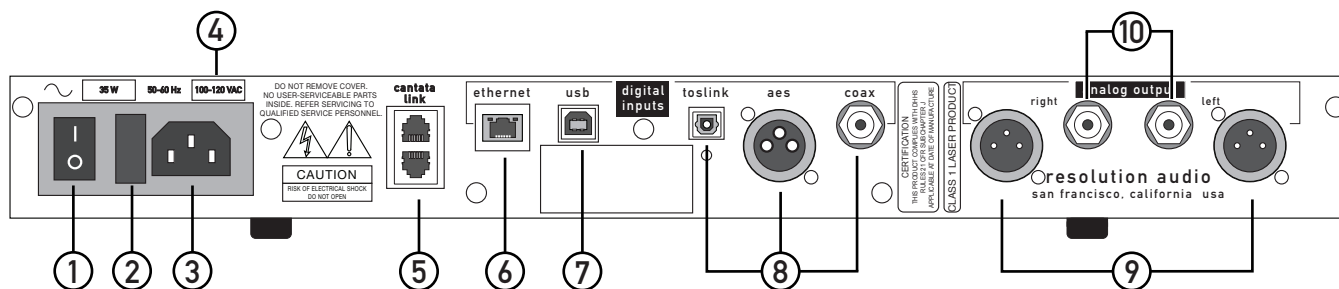
-  **CD** Switches the unit to CD playback.

- 10101 S/PDIF** Switches from any other playback mode to S/PDIF inputs. Pressing repeatedly will cycle between AES, Toslink, and Coax inputs.

-  **Analog** – Cycles between the 4 different input channels (A, B, C, D) For selection of analog inputs on Cantata Series amplifiers only.



Rear Panel



Power Connections and Controls

- 1 **Power Switch** – When off, power is completely disconnected from the player.
- 2 **Fuse:** Replace only with time-lag fuse, IEC 60127 Type 3
Rating: 100-120 VAC use 1.6 A, for 200-240 VAC use 800 mA
- 3 **Mains power** – Connect to mains using IEC power cord.
- 4 **Voltage Indication** – Be certain the Music Center has been configured for your local mains voltage.

Communications

- 5 **Cantata Link** – These connections link the Music Center to other Cantata series products, such as an amplifier, allowing commands to be sent between the units. Use only the cables supplied with Cantata series products.

Digital Inputs

- 6 **Ethernet** – If you will be utilizing the network playback functionality of the Music Center, connect to your home network via ethernet cable. See page 7 for more information.
- 7 **USB** – Allows playback from a computer-based music library via USB cable. See page 7 for more information.
- 8 **Toslink/AES/Coaxial** – Allows playback from other digital sources such as DVD or digital tuner. Note that the source must be set for PCM-format audio only as the Music Center will not decode surround sound audio.

Analog Outputs

- 9 **Balanced Analog Output** – variable, XLR connector, 5.5Vrms maximum, 100 Ohm impedance
Connect to preamplifier or directly to amplifier.
- 10 **Single-ended Analog Output** – variable, RCA connector, 2.5Vrms maximum, 100 Ohm impedance
Connect to preamplifier or directly to amplifier.

USB and Network Playback

Whether you're using a Macintosh or a Windows computer, configuring playback through the Cantata Music Center is fairly simple. However, there are several steps which differ between the platforms and many variables which can affect the quality of the audio you hear such as settings within the operating system, the application being used to play music, and the audio files themselves.

Due to the constantly-changing nature of operating systems and computer hardware, we are maintaining the most up-to-date information about connecting your Music Center to your computer as well as links to third-party software options on a special section of our web site:

<http://www.resolutionaudio.com/computeraudio>

Specifications

Dimensions: 43 x 22 x 5 cm (net) / 54 x 33 x 22 cm (shipping)
Weight: 5 kg (net) / 11.5 kg (shipping)
Power Requirements: Preconfigured at factory
100-120 / 200-240 VAC, 50-60 Hz
Power Consumption: 35 Watts maximum active mode, < 1 Watt standby mode

Inputs:

S/PDIF: Coax RCA, Toslink, AES/EBU, 192 kHz/24-bit maximum
USB 1.1: Asynchronous mode, 24-bit, 44.1/48/88.2/96 kHz
Ethernet: 100-BaseTX, 10/100 Mbit/s, full-duplex

Outputs:

Balanced: 1 pair, XLR
Single-Ended: 1 pair, RCA

Output Voltage: variable, 5.5 Vrms maximum balanced, 2.5 Vrms maximum single-ended
Output Impedance: 100 Ohms
Analog Attenuation: 0.5 dB steps from -30 dB to maximum
1.0 dB steps from -70 dB to -31 dB



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