e.One ᵇʸ bel canto

CD3t
User's Guide

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CD3t

CD Transport

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Bel Canto Design Limited
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Important Safety Instructions

Explanation of symbols used in this manual or on the rear/underside of the apparatus:

The Lightning Flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product enclosure that may be of sufficient magnitude to constitute a risk of 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.

TO COMPLETELY DISCONNECT THIS APPARATUS FROM THE AC MAINS, DISCONNECT THE POWER SUPPLY CORD PLUG FROM THE AC RECEPTACLE.

THE MAINS PLUG OF THE POWER SUPPLY CORD SHALL REMAIN READILY ACCESSIBLE.

Disconnect supply cord before changing fuse.
Refer servicing to qualified service personnel.

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPARATUS TO RAIN OR MOISTURE AND OBJECTS FILLED WITH LIQUIDS, SUCH AS VASES, SHOULD NOT BE PLACED ON THIS APPARATUS.

- Read, keep and follow these instructions.
- Heed all warnings.
- Do not use the apparatus near water, e.g. near a bathtub, kitchen sink, laundry tub, in a wet basement, near a swimming pool etc.
- Clean only with a dry cloth.
- Install in accordance with the Manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus that produce heat.
- Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type 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.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and at the point where they exit from the apparatus.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug has been damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Mains plug: Use the mains plug to disconnect the apparatus from the mains supply. The mains plug must be accessible at all times. Use the mains switch (if applicable) when the apparatus is not in use.
- Do not expose the apparatus to liquids or moisture, dripping or splashing. Do not place a vessel containing liquid on top of the apparatus.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- The apparatus has been designed for use in moderate and tropical climates

In the U.K.

Fuse replacement: This appliance is fitted with a non-rewireable 10 amp mains plug. The plug contains a 10 amp fuse. If the fuse has blown it can be replaced as follows: 1) Pull out the black fuse cover/carrier. 2) Remove and dispose of the blown fuse. 3) Fit a new 10 amp BS1362 approved fuse into the carrier and push the carrier back into the plug. Always ensure the fuse cover is fitted. If the fuse cover is missing do not use the plug. Contact your Bel Canto retailer to obtain a replacement fuse cover. Fuses are for fire protection and do not protect against electric shock.

WARNING: THIS APPLIANCE MUST BE GROUNDED

FCC Notice

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. This 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 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.

Warranty Information

Bel Canto products are automatically covered by a 90 day factory warranty that covers all internal parts and labor. Register online (http://www.belcantodesign.com/home/support/warranty-registration/eone/) within 30 days of purchase from an authorized dealer to automatically extend your warranty for 2 years starting from the date of purchase. If you do not have web access, please contact your dealer for assistance.   Upon fully completing registration, within 5 business days you will receive an email that officially validates your warranty. Your information will be used for internal use only and will not be sold or released outside Bel Canto. Your comments and suggestions are appreciated and help us continually improve our products and services.

The warranty is only valid to the original owner and is non-transferable. Damage caused by unauthorized modification, abuse, or neglect of product will void your warranty. Any cost associated with return of product is the sole responsibility of the owner. All returns require a return authorization number issued after completing the RMA form in the support section of our website. If you have any questions, please feel free to contact us online at info@belcantodesign.com.

Unpacking the e.One CD3T

Carefully inspect each item for any visual damage. If there is any damage, or anything missing from the list below, please contact your dealer or distributor.

Stream packaging contains the following:

> 1 (one) – CD3T CD Transport
> 1 (one) – CD3T User's Guide
> 1 (one) – Power cord [6.6' – 2 meters long]
> 1 (one) – Remote Control
> 1 (one) – BNC to Female RCA adapter

IMPORTANT: Save all packing materials as they are specially designed to protect the e.One DAC2.7 during transportation. If the packing materials are compromised, contact your dealer, distributor, or Bel Canto for proper packaging before attempting to ship your DAC2.7.

Power Connection

The power supply in the e.One DAC2.7 is preset for the proper power voltage. The power cable should have the correct plug for your local power system. If you believe this to not be true, please contact your dealer immediately. This product, like any electrical component, can be dangerous and cause injury unless correct handling procedures are observed and used. Before powering this product, it is necessary to read and follow proper setup and procedures.

WARNING!
DO NOT CONNECT
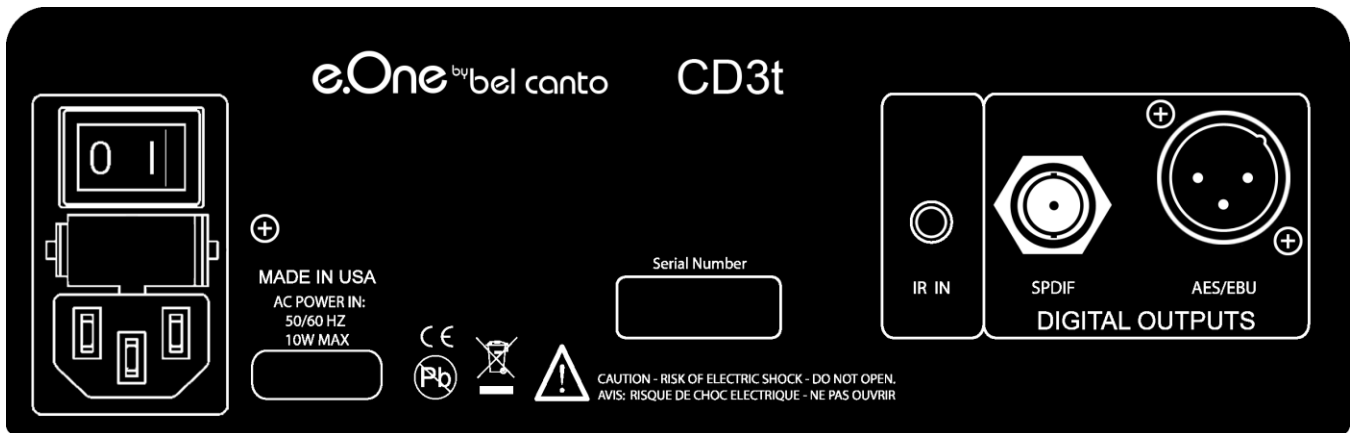POWER TO THIS
PRODUCT YET!

Setup & Placement

The e.One DAC2.7 can be placed in many locations without compromise. We do not recommend placing weights or other objects directly on this product. This may scratch or mar the chassis finish. Do not use harsh chemicals or abrasives when cleaning the outside of your DAC2.7. Use a clean microfiber cloth to remove fingerprints from the chassis.

Single Ended RCA and Balanced XLR connectors are available. XLR connectors follow the standard AES pin configuration:

> Pin 1 Ground
> Pin 2 Signal +
> Pin 3 Signal -

We recommend placing the e.One DAC2.7 in an easily accessible location near your source components.

Rear Panel Connections

IMPORTANT: The CD3t MUST be used with an external DAC

- ON/OFF switch applies power when the switch is in the 1 position.

- Fuse Drawer with 5 amp/250V slow blow 5mm x 20mm fuse.

- IEC power cord jack: Connect the supplied or a quality aftermarket power cord from this jack. Note the power setting indicated on the back of the unit before connecting the power.

- IR In: Connect an IR extension emitter to facilitate remote usage. It accepts a 38KHz modulated IR input signal at up to 12V p-p.

- SPDIF output accepts BNC or RCA (using supplied adapter) connections and operates at a 16/44.1 data rate.

- AES/EBU output transmits a 16/44.1 data rate.

Front Panel & Display

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⚠ **WARNING! NEVER FORCE A CD INTO THE MECHANISM!**
If the mechanism does not sense and accept the CD, this indicates a fault. Forcing the CD into the mechanism will cause damage to the mechanism that is NOT covered by the warranty.

The CD3t features six push button controls, a four character display, and a slot-load CD mechanism on the front panel.

Upon power up, the CD3t will display the firmware revision. If there is no disc present, two dashes will appear on the display.

If there is a disc present, it will be ejected. The CD will be pulled back into the slot after a few seconds.

Upon inserting a disc, 4 dashes will appear on the display. Then it will show the total time on the disc followed by the number of tracks.

The display will then switch to play mode which shows the track number of the current track.

The buttons from left to right:

01. Track Decrement to reduce the track number

02. Track Increment to increase the track number

03. Ejects disc

04. Stop

05. Play

06. Pause

Remote Control

The CD3t Remote Control has a comprehensive set of control features that are not available on the front panel.

To access all CD3t control features press the button marked CD on the remote control.
e.One DAC or Preamp functions can be controlled by selecting DAC or PRE on the remote. The Main CD controls will still operate in the DAC and PRE modes.

Display: Toggles the Display ON and OFF. When in OFF mode, the Display will come on momentarily when changing the CD3t operation. This will also display the firmware revision.

Mute: The Mute function will punch through to any Bel Canto unit set in Variable Output mode.

VOL+: This will punch through to any Bel Canto unit (DAC or Preamp) in Variable Output mode. The display on your DAC or Preamp will show the volume level while changing. Increases the volume setting in Variable Output mode.

VOL-: This will punch through to any Bel Canto unit (DAC or Preamp) in Variable Output mode. The display on your DAC or Preamp will show the volume level while changing. Decreases the volume setting in Variable Output mode.

Pause ||: Toggles the Pause mode ON and OFF. The Mode Indicator will show the pause or play mode as appropriate.

Stop: Indicated by a solid square and will place the CD3t in Stop mode when pressed. The CD3t will reset to track 1 when Play is pressed.

PLAY>: Initiates playback of the displayed track.

|<<: Track Decrement to reduce the track number.

>>|: Track Increment to increase the track number.

<<: Slow playback speed in real time. Pressing twice will reduce speed further, press Pause twice or Play to resume normal playback.

>>: Increase playback speed in real time. Pressing twice will increase speed further, press Pause twice or Play to resume normal playback.

Rpt1: Repeat playback of the current track while in play mode. The Mode Indicator changes from the bottom left corner to the top left corner to indicate mode. Press Rpt1 to turn the repeat mode off. Stopping playback will also turn the repeat mode off.

Rpt All: Repeat playback of the entire CD while in play mode. The Mode Indicator changes from the bottom left corner to a full height Mode Indicator to indicate this mode. Press Rpt All to turn the repeat mode off. Stopping playback will also turn the repeat mode off.

TIME: Shows the track time played while the CD is playing or Paused. Pressing the TIME button will change the Display back to standard mode.

Number Buttons: The 1-9 and 0 buttons are used to directly select any track number for playback. Track 10 and above are directly selected by keying in the number. If you select a track beyond the number of tracks on the CD no action will result and the current track will continue playing.

No other remote buttons are active for use with the CD3t.

Tips for Operation

Volume Control Punch Through

The Volume Up, Down and Mute functions on the remote control will affect any Bel Canto unit in Variable Output mode regardless of whether PRE, DAC, CD or TUNER is selected. It is recommended that only the device with volume control closest to the power amps be in Variable Output mode. Any other devices that are capable of volume control should be in Fixed Volume mode.

Power Connection

Double check all connections to and from the unit before plugging the CD3t into the power source.

Power Up

We recommend leaving the CD3t powered on at all times as it benefits the overall sound quality and draws little power. If your system will not be used for an extended period of time, such as two weeks, or if there is an imminent electrical storm, we recommend shutting off your system.

Specifications

Disc Compatibility: Red Book CD, CDR, CDRW, Hybrid SACD: CD Layer

Digital Outputs

Maximum Data Rate/Bit Depth: 44.1kHz/16bit
Digital Output types: AES/EBU XLR, SPDIF
AES/EBU Digital Output Level: 3V p-p, 110 ohms, 44.1K samples/second
SPDIF Digital Output Level: 0.6V p-p, 75 ohms, 44.1K samples/second
Additive jitter: < 100 pS RMS

Features:

Slot-load mechanism
Power draw: 4 Watts
Sleep Mode power: <0.5W
Power Requirements: Internally set for: 120 VAC 50-60 Hz or 220-240 VAC 50-60 Hz
Dimensions: 8.5" W x 12.5" D x 4.5" H (216 mm x 318 mm x 115 mm)
Weight: 12lbs. (5.5 kg)

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Declaration of Conformity

Application of Council Directive(s):
2004/108/EC and 2006/95/EC, as amended

Standard(s) to Which Conformity Is Declared:
EN 55013:2001 + A1:2003 + A2:2006
EN 55020:2007
EN 61000-3-2:2006
EN 61000-3-3:1995 + A1:2001 + A2:2005
EN 62368-1:2014+A11:2017

Manufacturer:
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The equipment identified here conforms to the Directive(s) and Standard(s) specified above.

Type of Equipment:	CD Transport
Models:	CD3T
Date:	January, 2020

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