

# 7000CDT *CD Transport*



## High-precision optical system

A brand renowned for award-winning amplifiers and DACs, **audiolab** is also amongst the most consistent with CD playback devices – the 8200 & 8300 CD / CDQ models being the trendsetters, with the more recent 6000CDT cornering the sub-500 GBP market. The more recent 9000CDT set a benchmark for the higher-end, so the **7000CDT** nestles in nicely to match the new class and pricepoint of the **7000** series.

The **7000CDT** uses a high-precision optical system with an electronic data buffer for accurate and seamless CD playback. Very similar technology to the 9000CDT, the **7000CDT** uses a read-ahead digital buffer to reduce disc-reading failures, helping it plays scratched and damaged CDs that may be unreadable by conventional mechanisms. To ensure a flawless signal reaches the accompanying DAC, the coaxial output of the **7000CDT** is fed

from a differential line driver. The master clock is controlled by a high-accuracy crystal oscillator, enabling the digital output from both coaxial and optical sockets to exhibit vanishingly low levels of jitter (digital distortion).

The low-friction loading tray, sturdy aluminium base and chassis of the **7000CDT** work to tackle vibrations that are experienced due to the mechanics of a high-spin-velocity motor. Further, the transport is mounted in its own, electromagnetically shielded enclosure with a dedicated power supply. All of these contribute to the exemplary digital signal extraction, while the proven resonance reduction further improves performance and onward effect in ancillary Hi-Fi equipment and signal chains.



### Digital music files compatibly

In addition to the class-leading CD playback design, the **7000CDT** also offers digital music files compatibly via a dedicated USB 'Type A' connection, to the rear of the unit. Every significant hi-res and lossless audio format is catered for, including WAV, AAC and WMA, as well as compressed legacy MP3 formats.

### Full-colour IPS display

Taking strong influence from the flagship 9000CDT, the **7000CDT** improves over the 6000CDT with a full-colour 2.8" (480 x 640px) IPS display with a detailed but simple-to-use GUI. The **7000CDT** therefore offers a vivid representation of information including system settings, format, folder, track details and other data.

7000  
Series

CD  
Transport

# 7000CDT

## Key Features

- **New Series, Same Standards**

The 7000CDT is a high-end CD mech with a high-precision optical system, designed as the perfect match for the new audiolab 7000 series. Improving on the benchmark 6000CDT, the 7000CDT uses trickle-down technology from the flagship 9000 series for a price point beating CD transport solutions.

- **Isolation From Vibration**

The aluminium base and chassis reduce mechanical vibration during operation. The transport is mounted in its own, electromagnetically shielded enclosure with a dedicated power supply.

- **Digital Files In Any Format**

Offering USB HDD support, the 9000CDT will playback WAV, AAC and WMA, as well as compressed legacy MP3 formats from digital storage devices.

- **All On Display**

A full colour 2.8" (480 x 640px) IPS LCD screen with interactive and detailed general user interface and multi-language support.



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# 7000 Series

## CD Transport

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*Available in BLACK and SILVER finishes*

## SPECIFICATIONS

| Model                                    | 7000CDT                                                                                                                                                                                                                                            |
|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General Description                      | CD Transport                                                                                                                                                                                                                                       |
| Design Philosophy and Core Technology    | Compatible with CD/CD-R/CD-RW<br>Support playing USB storage devices (MP3/WMA/AAC/WAV)<br>Display indication<br>Adjustable screen brightness<br>Activate the device automatically via 12V trigger<br>Auto standby function can be turned on or off |
| USB Storage Device Audio Format          | Support MP3, WMA, AAC, WAV Format Playback                                                                                                                                                                                                         |
| USB Storage Device File System           | Support FAT12, FAT16 and FAT32 format                                                                                                                                                                                                              |
| Digital Output Amplitude                 | 500 +/-50mVpp                                                                                                                                                                                                                                      |
| Output Impedance                         | 75 ohms                                                                                                                                                                                                                                            |
| Frequency Response                       | -0.01dB (20Hz-20kHz, ref.1 kHz)                                                                                                                                                                                                                    |
| Total Harmonic Distortion (THD)          | < 0.002%                                                                                                                                                                                                                                           |
| Sampling Rate                            | 44.1kHz                                                                                                                                                                                                                                            |
| Digital Output Interface                 | 1 x Coaxial, 1 x Optical                                                                                                                                                                                                                           |
| Standby Power Consumption                | < 0.5W                                                                                                                                                                                                                                             |
| Power Requirements (according to region) | 220-240V - 50/60Hz<br>100-120V - 50/60Hz                                                                                                                                                                                                           |
| Product Size W x H x D (mm)              | 444 X 78 X 322                                                                                                                                                                                                                                     |
| Carton Size W x H x D (mm)               | 514 X 158 X 470                                                                                                                                                                                                                                    |
| Net Weight                               | 5.5kg                                                                                                                                                                                                                                              |
| Gross Weight                             | 7.4kg                                                                                                                                                                                                                                              |
| Finish                                   | Black / Silver                                                                                                                                                                                                                                     |