

# 6000CDT

## User Instructions

audiolab

# 1 : Important Safety Information



This 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.

## IMPORTANT SAFETY INFORMATION

Read these instructions.

Keep these instructions.

Heed all warnings.

Follow all instructions.

Do not use this apparatus near water.

Clean only with dry cloth.

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

Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) 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 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 the plugs, convenience receptacles, and at the point where they exit from the apparatus.



Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart or rack is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

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 is 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.

**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.

Do not install this equipment in a confined or built-in space such as a bookcase or similar unit, and keep well ventilated in open space. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, table-cloths, curtains etc.

**WARNING:** Only use attachments/accessories specified or provided by the manufacturer (such as the exclusive supply adapter, etc).

**WARNING:** Please refer to the information on the exterior panel of the enclosure for electrical and safety information before installing or operating the apparatus.

**WARNING:** For 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 used of ready-made leads or cords.

**WARNING:** This product takes the power plug as the disconnecting device, may maintain the convenient operation when using.



This label tells you that the unit contains a laser component. Opening the unit will expose the user to radiation from the laser beam.

The apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.

**Mains Supply:** The mains operating voltage of Audiolab 6000 series units is shown on the rear panel. If this voltage does not match the mains voltage in your area, consult your Audiolab dealer about converting the unit.

The mains supply fuse on the rear panel is accessible when the IEC mains plug has been removed. In the rare event that it has broken, check for any obvious cause before replacing the fuse with one of the correct rating and type.

### The fuse values are:

220 - 240V (UK, China, etc.) T630mA 250V Slow Blow  
100 - 120V (USA, Japan, etc.) T1A 250V Slow Blow

## 2: Getting Started

Welcome to Audiolab 6000 Series.

6000CDT is a high performance CD transport that is the perfect partner for other Audiolab components such as 6000A.

We hope you will enjoy its performance for many years to come.

Please read through this manual to obtain the very best performance from 6000CDT.

### Features:

- Fully variable output in the digital domain absolute fidelity with the straightest possible signal path
- Automatic equipment activation via 12V trigger output
- Display on/off options
- Auto standby function with function on/off options

### Inputs:

- CD disc playback

### Outputs:

- Optical and coaxial SPDIF digital output

### Unpacking

Unpack the product fully. The carton should contain:

- The Audiolab 6000CDT
- One IEC power cord suitable for your area
- One remote handset
- This instruction manual

Please note: The remote control requires 2 x AAA type batteries. Due to international shipping and courier regulations with Lithium Ion batteries, the remote controller battery is not included in this package.

If an item is missing or damaged report this to your dealer as soon as possible. Retain the packing for safe transport of your unit. If you dispose of the packing, do so with regard to any recycling regulation in your area.

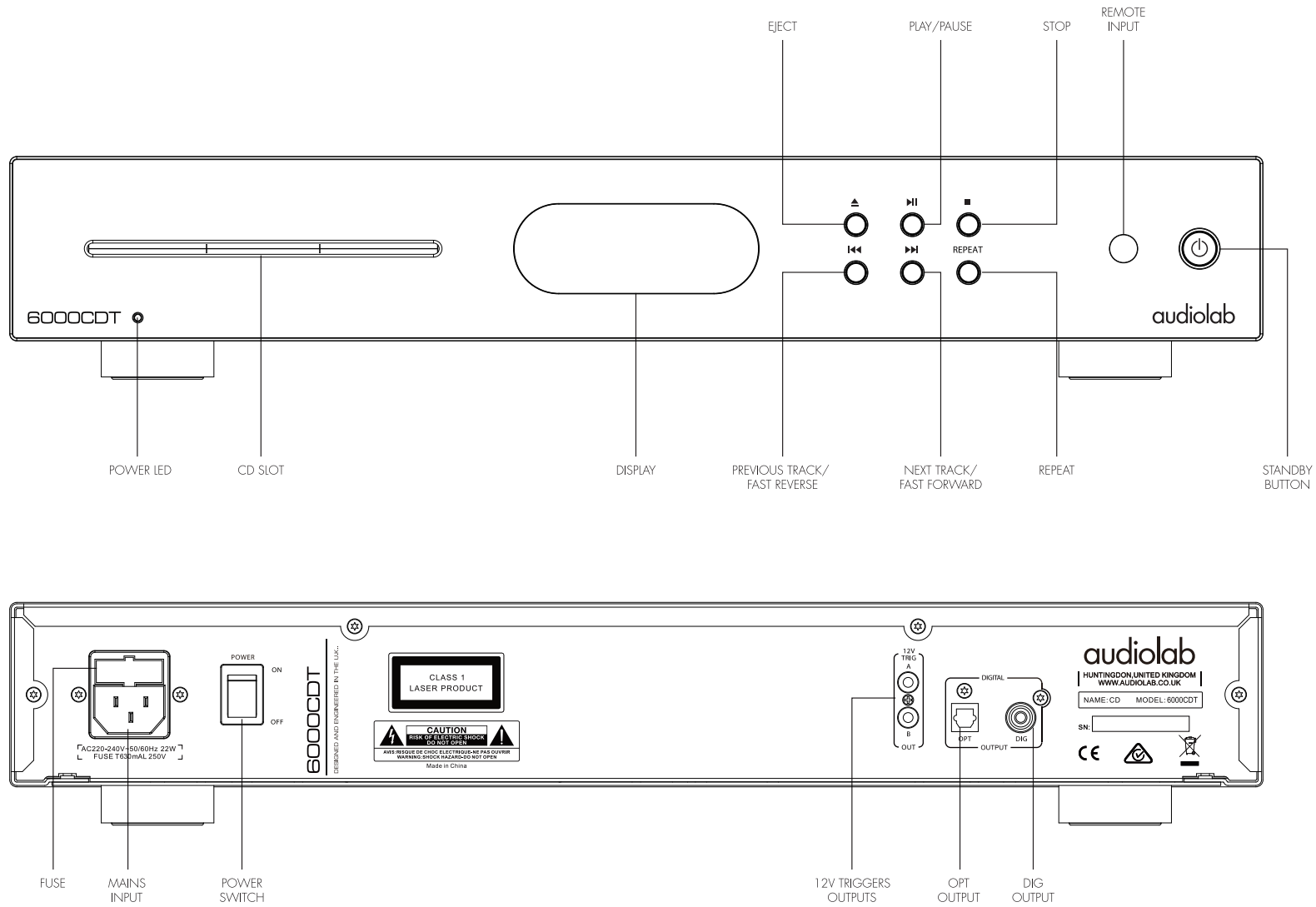
**Note:** The 6000CDT should be used with the DIGI or OPT outputs connected directly to a preamplifier with inbuilt DAC.

\*Compatible with 120mm (4.73-inch) CDs only.

### Placement

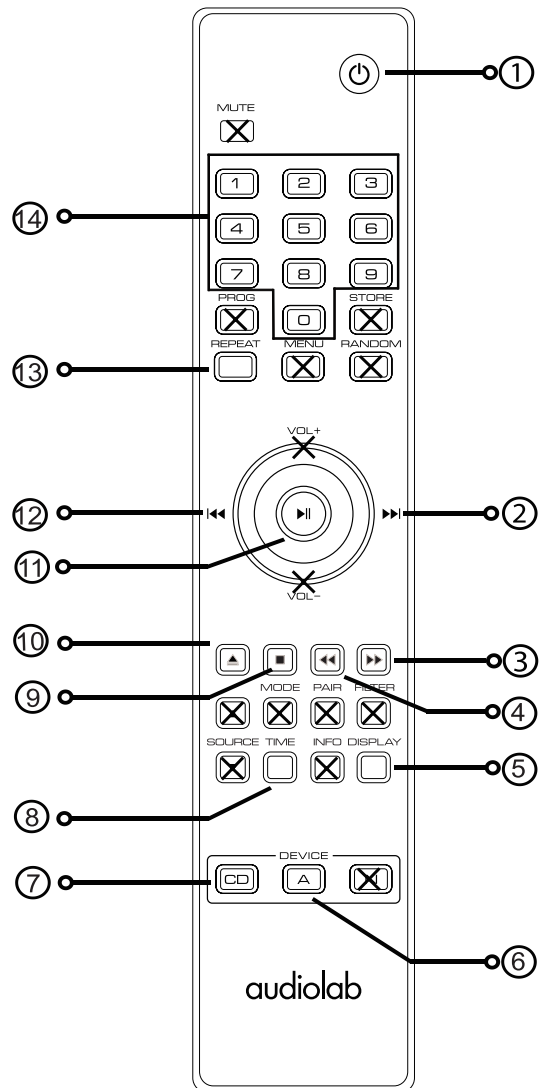
The unit is designed to run warm during normal operation but ensure you do not block any ventilation openings. Place the unit on a sturdy shelf or table. If you use an equipment rack, ensure the unit has adequate ventilation and is on its own shelf. To minimize any interference place the powersupply in a stable location as far from sensitive analogue input as possible. Ensure your mains voltage corresponds to the rating plate on the rear of the product's powersupply. If in doubt, consult your dealer. If you move to an area with a different mains voltage seek advice from an Audiolab appointed dealer or a competent service technician.

# 3: Controls and Connectors



# 4: Remote Handset

*NOTE : the handset buttons shown crossed out are for use with other Audiolab units like Audiolab 6000A and are not operational when used with the 6000CDT*



- |                |  |
|----------------|--|
| 1 STANDBY      | Press to bring the unit in/out of Standby        |
| 2              | Move to the next track of CD                     |
| 3              | Press and hold to Fast Forward                   |
| 4              | Press and hold to Fast Reverse                   |
| 5 DISPLAY      | Press to toggle the display on/off               |
| 6 A            | Press to select 6000A remote mode                |
| 7 CD           | Press to select 6000CDT remote mode              |
| 8 TIME         | Press to toggle track time remaining and elapsed |
| 9              | Press to stop CD                                 |
| 10             | Press to eject/load the disc                     |
| 11             | Press to start/pause CD playback                 |
| 12             | Press once to replay the current track of CD     |
|                | Press again to move to the previous track of CD  |
| 13 REPEAT      | Press to repeat whole CD playback                |
| 14 NUMBER KEYS | Press to go directly to a track by number        |

## Fitting Batteries

The remote control requires 2 x AAA type batteries. Due to international shipping and courier regulations with Lithium Ion batteries, the remote controller batteries are not included in this package.

Always use AAA batteries and replace them in sets -never mix old and new batteries.

## Handset Operation

The handset operates several Audiolab components. The handset buttons shown crossed out are for use with other Audiolab units and are not operational when used with the 6000CDT.

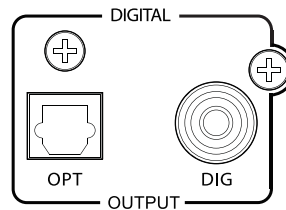
Point the handset at the remote receiver and press the relevant key. The handset should be within 15 meters of the player and there must be a clear line of sight between the two units.

# 5: Connections

## Digital Outputs

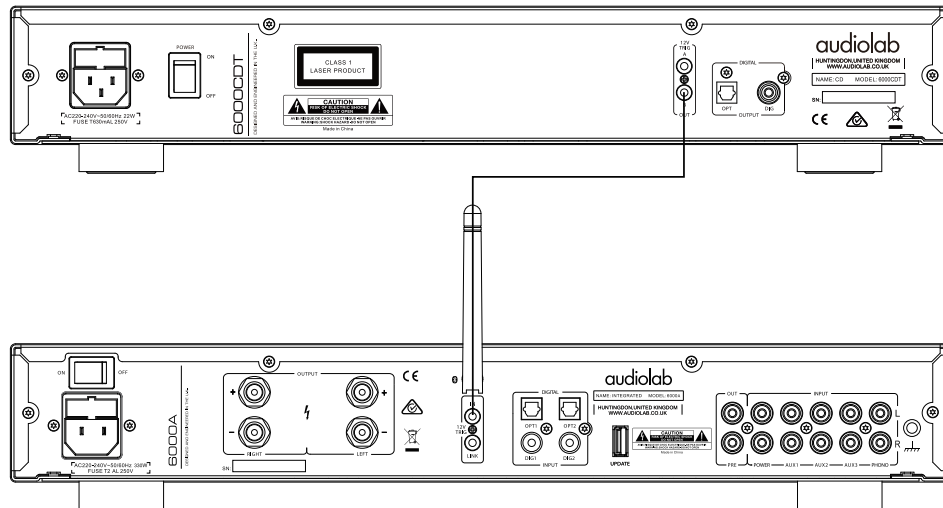
### Coaxial and Optical output

One Coaxial and one Optical SPDIF digital output. Connect a suitable Digital coaxial (fully screened) interconnect or optical cable from the appropriate SPDIF output of the 6000CDT to the input of a DAC or digital input on your amplifier or preamplifier.



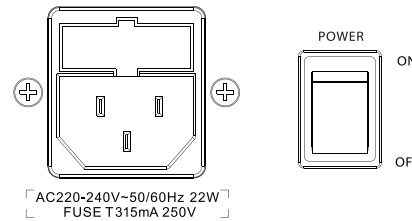
## Trigger Connections

Audiolab 6000CDT has a pair of trigger connections on the rear panel that can activate 6000A's or any other source's trigger input. If you have an 6000 system, we advise connecting the triggers. This will enable all 6000 units to be brought in and out of standby using the trigger connections. To connect to your control unit, you will need a cable with one end to match the trigger output of the control unit and other terminating in a 3.5mm jack plug. For Audiolab 6000series, this will be a 3.5mm to 3.5mm interconnect.



## Mains Input

Before connecting the 6000CDT to the mains supply make sure that all the other connections to your system have been properly and securely made. Make sure the ON/OFF switch on the 6000CDT is switched off. Switch the mains supply off at the wall socket, and then, using the cable supplied, connect the socket on the back of your 6000CDT to an AC supply outlet. The 6000CDT is now ready for operation.



# 6: Operation

## Switching On and Off

Connect power to all system units. Switch the mains on. Switch on all source units including the 6000CDT. Switch on the power amplifiers.

**When switching off:** switch off the amplifier first before switching off the 6000CDT unless they are trigger enabled.

**When switching on:** The power LED illuminates, the display shows the welcome screen. After a short period the unit boots up.

## Standby Mode

The 6000CDT will enter standby mode after being powered on. Press the "Standby" button to bring the 6000CDT out of standby, the power indicator LED becomes brighter and the display shows "6000CDT" welcome screen while the unit is getting ready for operation.

The Auto Standby feature will, by default, put the unit into standby after 20min of inactivity.

This feature can be configured by holding the standby button for 3 seconds and be set to 20min, 1hour or Never.

## Loading a Disc

Insert one CD into the slot. The disc information will now display. After reading the track information the disc will stop.

## Playing a Disc

Press ►► to play a disc.

Press ►► to pause a disc, press again to resume play

Press ■ to stop the disc

Press ▲ to eject the disc

## Next/Previous Track

Press ►► to move to the next track.

Press ◀◀ once to replay the current track, twice to move to the previous track.

Press ►►/◀◀ repeatedly to move through the tracks forward or back on track at a time.

If you exceed the number of tracks on the disc, the player will wrap round and play from track 1.

If you go past track 1, the player will wrap round and reverse search from the final track on the disc.

## Forward and Reverse Search during play

Press and hold the ◀◀/►► on the handset. The forward and reverse search will start.

## Direct selection of the tracks from the handset

Select the wanted track directly from the remote key pad. The disc will play forward from the chosen track. If you choose a single digital track (e.g.1) in a disc which contains more than 10 tracks, the player will pause briefly, waiting for you to enter a second digit. If none is entered, player will commence from the entered single-digit track. If the choice is invalid the display reverts to the previous state.

## Program Play

You can create a custom program of up to 99 chosen tracks..

Program mode must be accessed when the disc has stopped.

Press PROG to enter program mode. Insert the a track number, press STORE to save.

To play the program: Press ►►.

To stop program play: Press ■.

To erase a program from memory: The program is stored in the player's memory until erased.

Press ■ twice or eject the disc to erase stored program.

When in PROG mode, the time dot is flashing.

## Repeat Play

Press the Repeat key on the handset to repeat all the tracks on the disc continuously.

When in PROG mode, press the Repeat key on the handset to repeat all chosen tracks.

## Track Time Display

Press the Time key to toggle track time remaining and elapsed

## Display Setting

Pressing the DISPLAY button on the remote to control the display ON/OFF.

When the display is OFF: Pressing any key will momentarily switch the display on. After a few moments the display will go off.

# 7: Warranty

Audiolab Ltd. warrants this product, subject to the terms and conditions below, to be free from defects in materials and workmanship. During the warranty period Audiolab will repair or replace (at Audiolab's option) this product, or any defective part in this product, if it is found to be defective due to faulty materials, workmanship or function. The warranty period may vary from country to country.

## Terms and conditions

The warranty starts on the date of purchase (or the date of delivery if this is later).

You must provide proof of purchase/delivery before work can be carried out. Without this proof, any work carried out will be chargeable to you.

All work will be carried out by Audiolab or its authorized agents or distributors.

Any unauthorized repair or modification will void this warranty.

If any part is no longer available it will be replaced with a functional replacement part.

Any parts that are replaced will become the property of Audiolab.

Any repair or replacement under this warranty will not extend the period of warranty.

This warranty is valid only in the country of purchase, applies only to the first purchaser and is not transferable.

## The following are not covered:

1. Products which the serial number have been removed, altered or otherwise made illegible.
2. Normal wear tear and cosmetic damage.
3. Transportation or installation of the product.

Accidental damage, fault caused by commercial use, acts of God, incorrect installation, connection or packing, misuse, neglect or careless operation or handling of the product which is not in accordance with Audiolab's user instructions.

1. Repairs or alterations carried out by parties other than Audiolab or its authorized agents or distributors.
2. Products not purchased from an Audiolab authorized dealer.
3. Products that were not new at the time of original purchase.
4. Products sold 'as is', 'as seen' or 'with all faults'.

Repairs or replacements as provided under this warranty are the exclusive remedy of the consumer. Audiolab shall not be liable for any incidental or consequential damages for breach of any express or implied warranty in this product. Except to the extent prohibited by law, this warranty is exclusive and in lieu of all other warranties whatsoever, both express and implied, including, but not limited to, the warranty of merchantability and fitness for a practical purpose.

This warranty provides benefits that are additional to and do not affect your statutory rights as a consumer.

Some countries and U.S. states do not allow the exclusion or limitation of incidental or consequential damages or implied warranties so the exclusions in the paragraph above may not apply to you. This warranty gives you specific legal rights, and you may have other statutory rights, which vary from state to state or county to county.

## How to claim:

To obtain warranty service contact the Audiolab authorized dealer from which you purchased this product. Do not dispatch goods without the prior agreement of the dealer, Audiolab or their authorized distributors.

We may refer to a local service centre. For international regions, please contact:  
IAG House, 13/14 Glebe Road, Huntingdon, Cambridgeshire, PE29 7DL, UK.  
Tel: +44 (0) 1480 452561 Eml: [service@audiolab.co.uk](mailto:service@audiolab.co.uk)

If asked to return products for inspection and/or repair, pack carefully, preferably in the original cartons or packing affording an equal degree of protection, and return prepaid. If unsuitable packaging is used, Audiolab may make a charge for the supply of new packaging.

Insurance is recommended and goods are returned at owner's risk. Audiolab or their authorized distributors cannot be held liable for loss or damage in transit.

# 8: Specification

Measurement made with 230V power supply

Digital Output Intensity	550±50mVpp
Frequency response	≤0.5dB @ 20-20kHz
Output Impedance	75±1 ohm
Max Sampling Rate	44.1 KHz
Harmonic Distortion	<0.005%
Max. Power Consumption	15W
Standby Power Consumption	<0.5W
Power Requirements	240V ~ 50 - 60Hz
	230V ~ 50 - 60Hz
	115V ~ 50 - 60Hz
	100V ~ 50 - 60Hz
Dimensions (mm)	(W x H x D) 445 x 300 x 65.5 - including feet, terminals and controls
Carton Size (mm)	(W x H x D) 512 x 467x 146
Weight	7.2kg (Net)



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 environmental safe recycling.





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