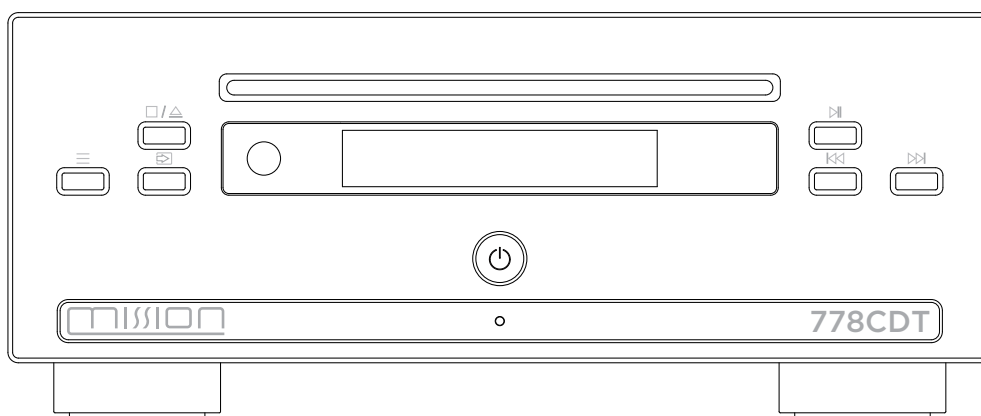




Scan the QR code using a smart-phone device,  
for product warranty registration online.

# 778CDT

# MISSION



## User Manual



Scan the QR code for latest user manuals and more.

# Important Safety Instruction



This lightning flash with an 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 the 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.

Read these instructions.

Keep these instructions.

Heed all warnings.

Follow all instructions.

Do not use this apparatus near water.

Clean only with a dry cloth.

Do not block any ventilation openings. Install under 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 the replacement of the obsolete outlet.

Protect the power cord from being stepped on or pinched, particularly at the 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.

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 spilt 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 an open space. The ventilation should not be impeded by covering the ventilation openings with items such as newspaper, tablecloths, curtains etc.

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

**WARNING:** For the terminals marked with the symbol “⚡” 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 leads or cords.



Ground protection terminal. This product should be connected to a power outlet with ground protection.

**Denmark:** Apparatets stikprop skal tilsluttes en stikkontakt med jord, som giver forbindelse til stikproppens jord.

**Finland:** Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan.

**Norway:** Apparatet må tilkoples jordet stikkontakt.

**Sweden:** Apparatens skall anslutas till jordat uttag.

**WARNING:** No naked flame sources, such as lighted candles, should be placed on the apparatus.

**WARNING:** Attention should be drawn to the environmental aspects of battery disposal.

**WARNING:** Use of the apparatus in tropical climates.

## THE FUSE VALUES ARE:

220 – 240V (UK, China, etc.) T630mAL 250V Slow Blow  
100 – 120V (USA, Japan, etc.) T1.0AL 250V Slow Blow



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

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

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# MISSION 778CDT

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# Getting started

## Introduction

Welcome to Mission!

Mission is a brand that purveys lifestyle audio that fuses Hi-Fi heritage with contemporary design. Music leads, technology follows.

The Mission 778 series revives the spirit of the original Mission 778 — an affordable integrated amplifier renowned for its simplicity and outstanding performance. The 778CDT continues this legacy as a high-performance CD transport, delivering audiophile-grade playback true to the 778 ethos. Designed to partner perfectly with the 778X integrated amplifier, it upholds the same exemplary standards that define every pair of Mission loudspeakers and every Mission Hi-Fi component.

## The Mission 778CDT features

- High-end CD mechanism with a precision optical system
- OLED Display with CD text support
- Playback from CD, CD-R, CD-RW, Data CD or USB-HDD
- Supported file formats: WAV, FLAC, WMA, MP3 and APE
- Fully functioning remote control (also compatible with the Mission 778X and 778S components)

## Outputs

- One coaxial output
- One optical output

## Unpacking the Equipment

The carton should contain:

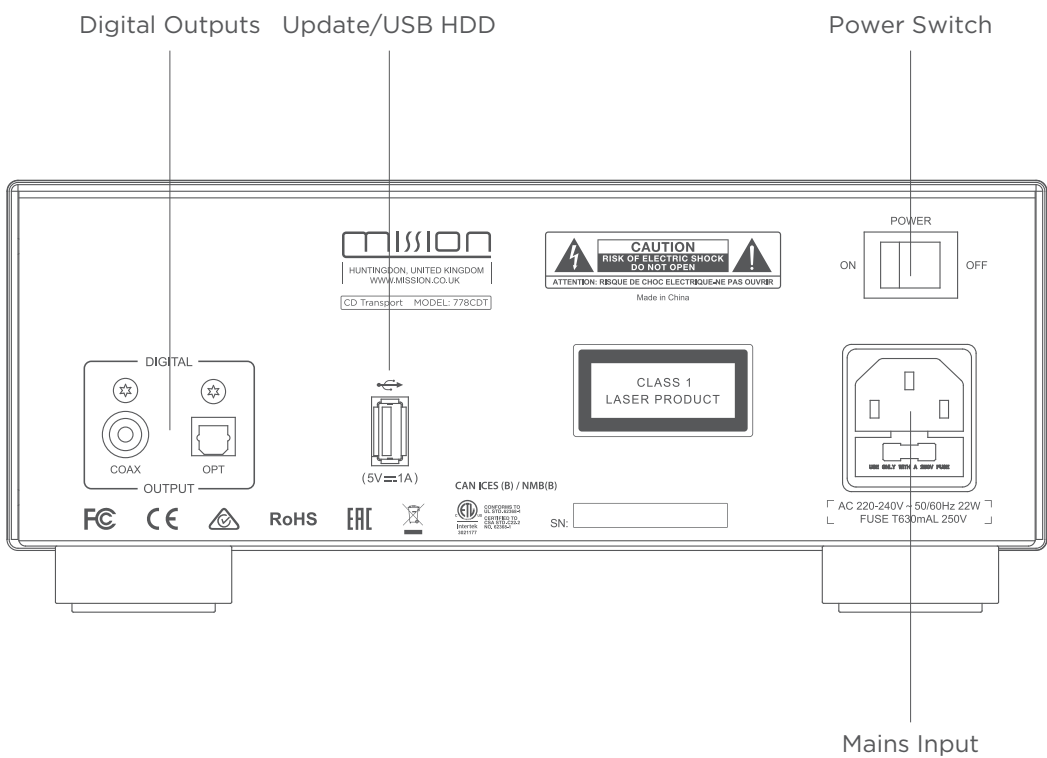
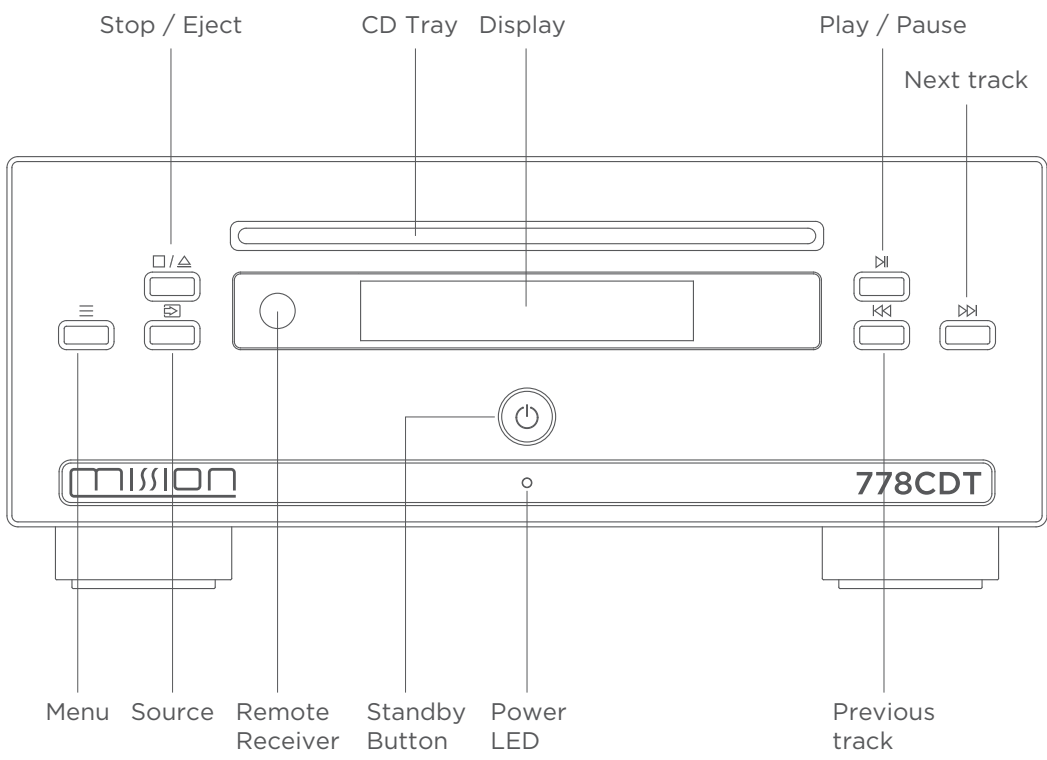
- The Mission 778CDT
- One IEC power cord for your region
- One remote handset
- One user's manual
- 2 x AAA batteries (Batteries may not be supplied depending on regional shipping regulations)

*Consult the dealer from whom you purchased the equipment if any item is not present. Carefully unpack the unit and accessories. Take care not to damage the surface finish when undoing the protective polythene sleeve. Retain the packing materials for future use. Retain the user manual and information concerning the date and place of purchase of your equipment for future reference. If you transfer the unit to a third party, please pass on this instruction manual along with the equipment.*

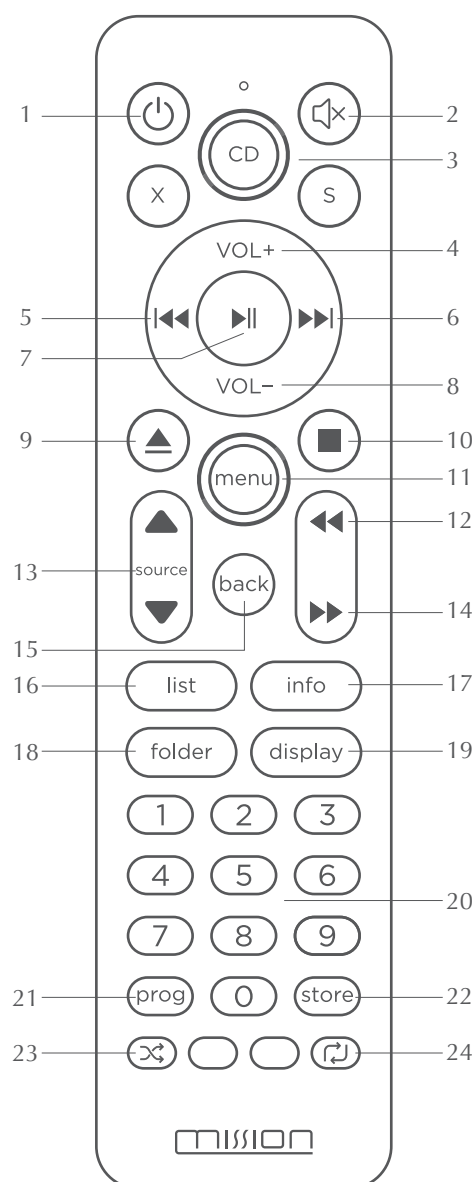
## Placement

The unit must be mounted on a solid, level and stable surface. Before you connect the Mission 778CDT to the AC mains power, ensure your AC mains voltage corresponds to the rating on the rear panel of the product. If in doubt, consult your dealer. If you move to an area that has a different mains voltage, seek advice from a Mission-appointed dealer or a competent service technician.

# Control and Connectors



# Remote Handset



- |               |  |
|---------------|--|
| 1. Standby    | Press to bring unit in / out of standby mode                             |
| 2. Mute       | Press to Mute / Unmute the sound   |
| 3. X / CD / S | Press to select the device - 778X / 778CDT / 778S                        |
| 4. VOL+       | Navigate menu settings   |
| 5. ◀◀         | Press to select the previous track                                       |
| 6. ▶▶         | Press to select the next track   |
| 7. ▶          | Press to Play / Pause  |
| 8. VOL-       | Navigate menu settings   |
| 9. ▲          | Press to eject the CD tray   |
| 10. ■         | Press to stop playback   |
| 11. Menu      | Press to enter menu  |
| 12. ▶▶▶       | Press and hold to fast forward   |
| 13. Source    | Press to change source between CD & USB HDD                              |
| 14. ◀◀◀       | Press and hold to fast reverse   |
| 15. Back      | Press to go back to previous menu option                                 |
| 16. List      | Press to enter playlist/USB key folder view                              |
| 17. Info      | Press to toggle single track time remaining or all track times remaining |
| 18. Folder    | Enable or disable folder mode in USB HDD playback                        |
| 19. Display   | Turn on/turn off display   |
| 20. 0-9       | Press to go directly to a track by number                                |
| 21. Prog      | Press to program tracks of your choice                                   |
| 22. Store     | Press to store a track in program mode                                   |
| 23. ⌛         | Press to select random mode  |
| 24. ↺         | Press to select repeat mode  |

## Remote controller Preparation

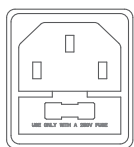
- Unpack the handset
- Invert the handset
- Remove the battery cover
- Insert 2 x AAA batteries (Batteries may not be supplied depending on regional shipping regulations)
- Close the battery cover

## Caution

To prevent any burning, fire, or potential harm to the environment or human health from depleted batteries, please dispose of them correctly in accordance with the recycling rules in your area. Don't dismantle, crush or puncture the batteries. Never short-circuit the batteries, submerge them in water, expose them to fire, or attempt to repair them. The remote is compatible with AAA batteries only.

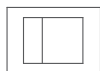
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## Connections



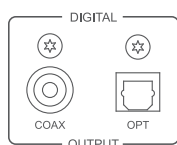
### Installation

Before making any connections to your Hi-Fi equipment, make sure that all units in the system are switched off and unplugged at the mains.



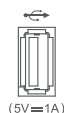
### AC power

The power switch is on the rear panel. Before connecting the Mission 778CDT to the AC mains supply, check and make sure the voltage marked on the back matches your supply voltage.



### Digital signal outputs

Mission 778CDT offers one Coaxial and one Optical SPDIF output. Connect a suitable Digital Coaxial interconnect or Optical cable from the appropriate SPDIF output of the 778CDT to the input of a DAC or digital input on your chosen amplifier or pre-amplifier.

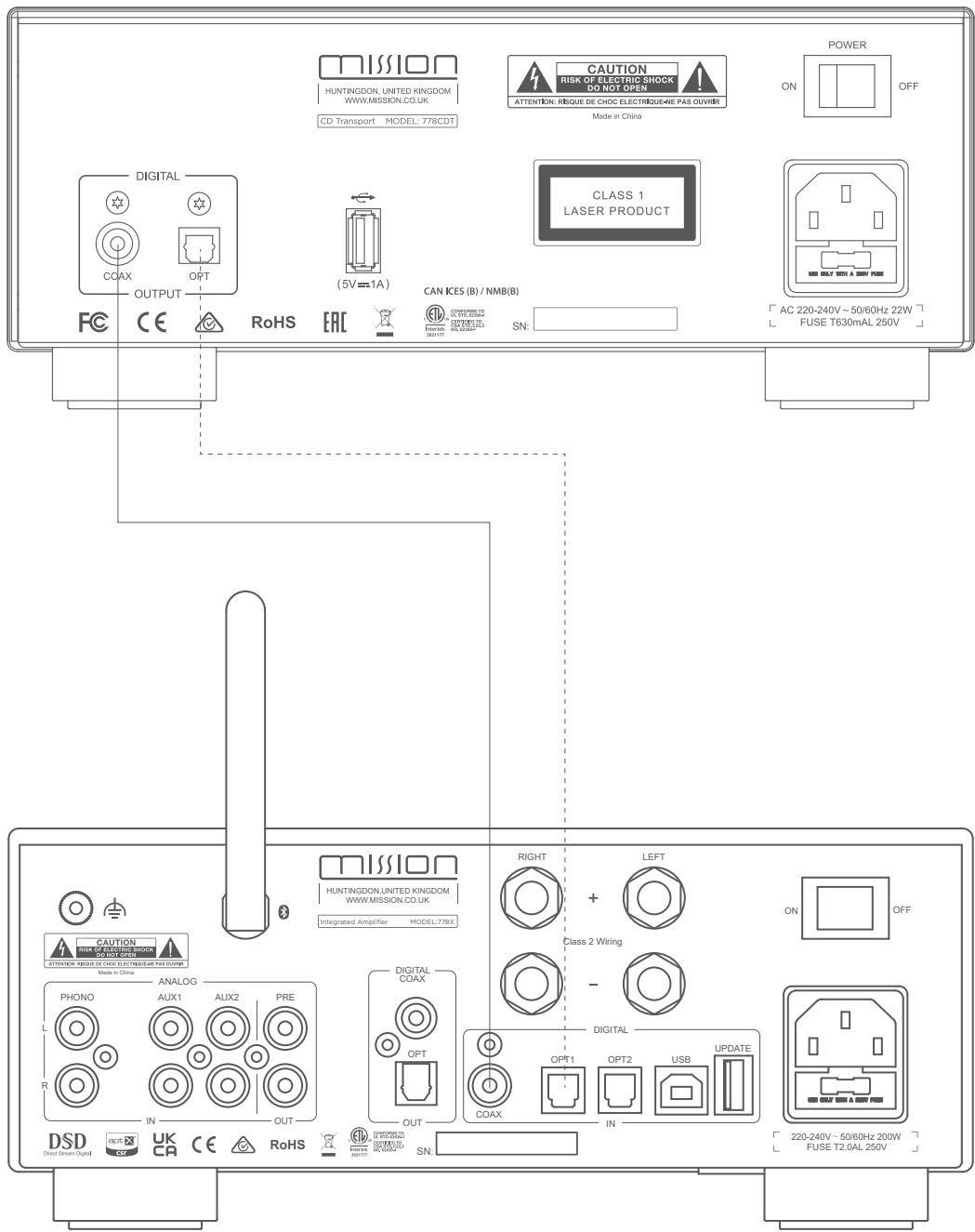


### USB HDD & Update

Mission 778CDT has a USB-A port that supports USB HDD function and firmware update. Follow the instructions included in the update package to update your unit to the latest firmware. The update package can be downloaded from the Mission website ([mission.co.uk](http://mission.co.uk))

# Connect to Mission 778X

(Use either COAX OR OPT connection)





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## Menu Options

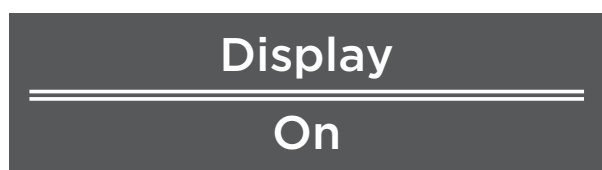
### Backlight

Adjust the backlight level of the Mission 778CDT OLED display.



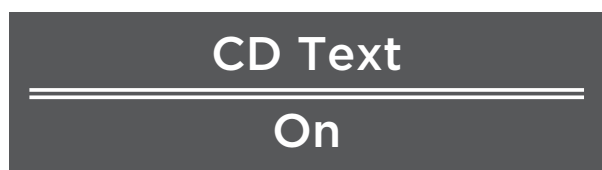
### Display

Turn ON or turn OFF the Mission 778CDT display. The display will be ON when navigating functions but it will then turn off after 5s without any operation if 'Display' is set to off.



### CD Text

Enable or disable the CD-Text read out on the Mission 778CDT. \*CD-Text readout depends on the CD-Text being present on the CD.



### Auto Standby

The Auto Standby feature will put the Mission 778CDT into standby mode after 20 minutes of inactivity. This feature can also be user-defined and set to 20 minutes, 60 minutes or Never.



### Reset

Reset the Mission 778CDT to the factory default settings.



### Version

Check the current operation firmware version of Mission 778CDT.



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# System Operation

## Switching On and Off

The Mission 778CDT should be switched on before the amplification stage in your system. When switching off your system, turn off the amplifier stage before switching off the 778CDT

## Standby mode

The Mission 778CDT will be in standby mode after initial power-on. Press the standby button on the unit or the remote control to activate the 778CDT. The power indicator LED will become brighter, and the display will show the 'MISSION' welcome screen as the unit enters operational mode.

## Source Select




Press the button  on front panel or use the source  or  buttons on the remote control to select the different source options.

## CD Playback

Press the  button on the remote control or  /  on the front panel to load/eject the disc.




Press the  button to play the CD. Press the button again to pause CD playback.

Press the  or  /  button to stop playing the CD, and then press  or  /  on front panel to eject the disc.



Previous/next track: skip back to the start of the current track by pressing  button once. Skip back to the previous track by pressing  button twice. Skip forward to the next track by pressing  button once.

Press and hold  /  to fast reverse / fast forward search.

## Repeat Play



Press the  button on remote handset once to repeat a single track. Press it again to repeat all of the tracks on the disc/folder. The display will show  or  when repeat once or all is activated.



## Random Play

Press the  button on the remote handset to activate random playback mode. The  icon will show on the display.

## Programming Play

You can set a programmed playback order for CD tracks on the 778CDT. The Programming mode is only accessible while playback is in 'stop' mode ie. The CD is not playing or paused. To enter the Programming mode, press the 'PROG' button on the remote controller. Enter the first track that you would like to play by entering the tracking number using the number pad on the remote. Press 'STORE' to save the chosen track in position (1). Enter the next track number using the number pad, and press 'STORE' to save in position (2), and so on.

Once you have populated your track list, scroll left and right using the  and  buttons on the remote control to select the track you would like to start playing from. For example, to play from the beginning of your programmed list, scroll left to the first stored track.

Begin playback by pressing the  button. Playback of your programmed list will start, beginning with the currently selected track. Press the  button to stop the programmed playback.

To exit the 'Program' playback mode, press the  button twice.

## Supported CD Formats

The 778CDT offers playback from CD/CD-R/CD-RW and data CD formats and supports multiple file formats as detailed in the table below:


|      | Sampling Frequency | Bit Rate   | Bit Depth | Extension |
|------|--------------------|------------|-----------|-----------|
| FLAC | 44.1/48/88.2/96kHz |            | 16/24bit  | .flac     |
| WAV  | 44.1/48kHz         |            | 16/24bit  | .wav      |
| WMA  | 44.1/48kHz         | 48-192kbps |           | .wma      |
| MP3  | 44.1/48kHz         | 32-320kbps |           | .mp3      |
| APE  | 44.1/48kHz         |            | 16/24bit  | .ape      |

### Note:



DRM-protected content is not playable on the 778CDT.

## Playback from USB HDD Storage Device

The 778CDT can play music files saved on a USB HDD storage device and is compatible with USB devices formatted as 'FAT16', 'FAT32', and 'exFAT'.

The 778CDT supports audio files in the following formats: WMA, MP3, WAV, FLAC, APE, and AAC. Connect your USB device to the rear panel USB port. Access the USB device by pressing the source button on the remote controller or  on the 778CDT front panel.

Play / Pause by pressing the  button on the remote control or front panel.

You can use the /  buttons on the remote control to skip, fast forward, and fast reverse tracks, just as you would with CDs. Press the folder button on the remote to enable/disable Folder Play mode.

Enable: All the files in the selected folder are played.

Disable: All the files in the USB drive are played.

Press the list button on the remote to enter folder browse. Press it again to return to the previous folder.

## Compatible formats of USB Drive

|      | Sampling Frequency | Bit Rate          | Bit Length  | Extension |
|------|--------------------|-------------------|-------------|-----------|
| WMA  | 44.1/48kHz         | 32-320kbps        |             | .wma      |
| MP3  | 44.1/48kHz         | 32-384kbps        |             | .mp3      |
| WAV  | 44.1/48/96kHz      | 64-768kbps        | Up to 32bit | .wav      |
| AAC  | 44.1/48kHz         | 128kbps and above |             | .m4a      |
| FLAC | 44.1/48/96kHz      | All bitrates      |             | .flac     |
| APE  | 44.1/48kHz         | All bitrates      |             | .ape      |

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## Warranty Coverage

Mission warrants its products, subject to the following terms and conditions below, to be free from defects in materials and workmanship.

### Online Registration



**Scan the QR code using a smart-phone device,  
for product warranty registration online.**

The three (3) year extended warranty is applicable to items purchased from Jan 1st 2021, onwards. Items purchased prior to this date are not eligible for this extended warranty service but are subject to statutory warranty claims and all applicable consumer rights.

To qualify for the extended 3 year warranty, you must register your product within ninety (90) calendar days from the date of purchase. Visit [mission.co.uk/warranty-registration](https://mission.co.uk/warranty-registration) to complete your online registration. Items not registered online will have a Limited Warranty for one (1) year, or for the period of your country's statutory warranty, whichever is longer.

Warranty can only be offered to products registered with proof of purchase with date, model and details of the authorised dealer clearly stated on the receipt/invoice. Please keep the original receipt/invoice in case it is required for a warranty claim.

This Limited Warranty is non-transferable and is offered exclusively to the original owner.

This Limited Warranty is valid only in the original country of purchase.

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

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

This Limited Warranty offer is subject to correct information being submitted in your application. Incorrect dates or mismatched purchase receipt dates that are outside of the warranty terms will immediately invalidate any warranty claim.

\*Please check with your dealer local distributor for further information.

### Exclusions

The following items are excluded from the Mission warranty:

Normal wear and tear and cosmetic damage (including but not limited to any wear from reasonable use, environmental deterioration or neglect)

Products on which the serial number has been removed, altered or otherwise made illegible.

Products not purchased from an authorised Mission dealer.

Products that were not new at the time of original purchase.

Products sold 'as is', 'as seen' or 'with faults'

Product not purchased from an Authorised Dealer/Distributor within the region of the claim (ie parallel imports or grey market products)

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Accidental damage or faults caused by commercial use, acts of God, incorrect installation, incorrect connection, incorrect packaging, misuse or careless operation or handling which is not in accordance with the user instructions.

Equipment that has been operated in conjunction with unsuitable, inappropriate or faulty apparatus.

Repairs, alterations or modifications carried out by parties other than Mission or its authorised service partners.

Damage in transit that cannot be attributable to the fault of Mission, the authorised distributor or dealer (ie. claims otherwise covered by transit insurance.)

Faults relating to abnormal or inappropriate power supply voltage or power surges.

Faults relating to extremities in temperature, exposure to heat, water or other liquids, insects, excessive moisture, sand, chemicals, battery leakage or any other contaminants.

Any force majeure events, including but not limited to any acts of God, fire, lightning, typhoon, storm, earthquake, hurricane, natural disaster, tsunami, flood, war, riot, public disturbance.

Any other causes beyond the reasonable control of either Mission and its Authorised Distributor.

Please note items purchased before 1st Jan 2021 are not eligible for the extended warranty claim.

## How to Claim

To obtain warranty service please contact the authorised dealer from which you purchased this product and present the limited warranty certificate offered upon registration of your product's extended warranty offer.

Do not dispatch goods without the prior agreement of the dealer distributor or authorised service centre.

If asked to return products for inspection and or repair, please pack carefully preferably in the original carton or packaging affording an equal degree of protection and returned via insured, trackable courier service.

The authorised dealer or distributor will offer full return details and instructions. However, please note if unsuitable packaging is used the warranty may be deemed void due to improper action in return.

Mission or the authorised distributor, dealer or service centre may make a charge for the supply of new packaging for the return of the repaired item. Please note, insurance is recommended as goods are returned at the owner's risk. Authorised distributors or service centres cannot be held liable for loss or damage in transit. Insurance and freight charges on the return journey will be paid for by Mission, authorised dealer, distributor or service centre if corrective work proves to be necessary.

In the event of 'no-fault found' or 'no repair necessary', the return shipping charge will be the responsibility of the owner.

## Repairs

All repairs will be carried out by the appointed distributor (or locally appointed service centre). Repairs handled or processed without authorisation or approval of the appointed representative will be excluded from this limited warranty. Please note, Mission is not able to supply parts or replacement items to any other entity than the official distributor or authorised service centre.

Other than the warranty and services set out in this warranty, to the fullest extent permitted by law, Mission shall not be liable to you and/or any third party or entity whatsoever for:

- Any loss, damages and/or malfunction caused to any product(s) which is/are connected to any of the products covered by this warranty.
- Any damages, loss and liability, whether direct, indirect, incidental, consequential special, punitive or otherwise, howsoever caused by, arising out of or otherwise, in relation to the installation, delivery, use, service, repair, replacement and/or maintenance of the product;
- Any damages, loss and liability under this warranty in respect of any act, omission, or negligence of any of their technicians, employees, agents, representatives or independent contractors relating to the actual or purported performance of any of the obligations under this warranty.

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## Service Centre Address

Should a fault occur with your product, please pack it correctly using the original packing, so you can ship it safely. For technical support, servicing or product queries and information, please contact either your local retailer or the office below:

IAG Service Dept.  
13/14 Glebe Road  
Huntingdon  
Cambridgeshire  
PE29 7DL  
UK

Tel: +44(0)1480 452561

Email: [support@iaguk.co.uk](mailto:support@iaguk.co.uk)

For information on other authorised service centres worldwide contact Mission International, UK.

A worldwide distributors list is available on the Mission website: [www.mission.co.uk](http://www.mission.co.uk)

# Specifications

Scan the QR code for latest user manuals and more.



| Model                                    | 778CDT  |
|--|---|
| General Description                      | CD Transport  |
| Design Philosophy and Core Technology    | Playback from CD, CD-R, CD-RW, Data CD or USB-HDD<br>Compatible with CD/CD-R/CD-RW and data CD formats<br>High-end CD mechanism with a precision optical system<br>OLED Display with CD text support<br>Fully functioning remote control<br>(also compatible with the Mission 778X and 778S components) |
| USB Storage Device Audio Format          | WAV, MP3, WMA, AAC, FLAC, APE format playback   |
| USB Storage Device File System           | Supports FAT16/FAT32/exFAT formats  |
| Digital Output Amplitude                 | 500 +/-50mVpp   |
| Output Impedance                         | 75Ω   |
| Frequency Response                       | -0.01 dB (20Hz-20kHz, ref.1 kHz)  |
| Sampling Rate                            | 44.1 kHz  |
| 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)              | 236 x 96 x 357  |
| Carton Size W X H X D (mm)               | 470 x 161 x 514   |
| Net Weight                               | 5.04kg  |
| Gross Weight                             | 6.74kg  |
| Finish                                   | Silver/Black  |



Correct Disposal of this product. This marking indicates that this product should not be disposed of 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.







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Mission is a member of the International Audio Group.