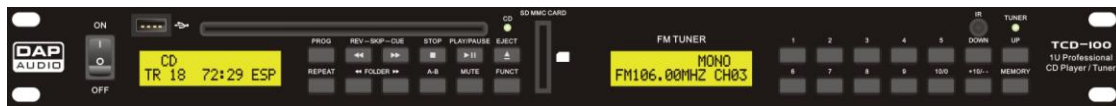




# TCD-100 v5

ORDERCODE D1251



**SHOWELECTRONICS FOR PROFESSIONALS**

## **Congratulations!**

You have bought a great, innovative product from DAP Audio.

The DAP Audio TCD-100 brings excitement to any venue. Whether you want simple plug-&-play action or a sophisticated show, this product provides the effect you need.

You can rely on DAP Audio, for more excellent audio products.

We design and manufacture professional audio equipment for the entertainment industry.

New products are being launched regularly. We work hard to keep you, our customer, satisfied.

For more information: [iwant@dap-audio.info](mailto:iwant@dap-audio.info)

You can get some of the best quality, best priced products on the market from DAP Audio.

So next time, turn to DAP Audio for more great audio equipment.

Always get the best -- with DAP Audio !

Thank you!



# Dap Audio

## Dap Audio TCD-100™ Product Guide

<b>Warning</b> .....	2
Unpacking Instructions.....	2
Safety-instructions.....	2
Operating Determinations.....	3
Return Procedure.....	4
Claims.....	4
<b>Description</b> .....	5
Features and Overview .....	5
Frontside.....	5
Backside.....	5
Remote Control.....	6
<b>Installation</b> .....	6
<b>Set Up and Operation</b> .....	6
<b>Names and functions</b> .....	7
<b>CD/MP3 Operations</b> .....	9
Loading CD's.....	9
Unloading CD's.....	9
CD's/ MP3-discs/ USB sticks.....	9
CD Audio Play Mode.....	9
MP3 Play Mode.....	9
Selecting tracks forward.....	9
Selecting tracks backwards.....	9
Selecting folders forward.....	10
Selecting folders backwards.....	10
Starting Playback.....	10
Stop Playback.....	10
Pausing.....	10
Scanning fast forward.....	10
Scanning fast backwards.....	10
CD Program Play.....	10
MP3 Program Play.....	10
Loop Play.....	11
<b>Tuner operations</b> .....	11
Selecting a radio station using the Up/ Down buttons.....	11
Selecting a radio station using the Direct function.....	11
Selecting a preset station.....	11
Storing a station in Memory.....	11
Setting up the Sleep Mode Timer.....	11
<b>Before switching of the power</b> .....	12
CD's.....	12
Precaution on storage.....	12
<b>Maintenance</b> .....	12
<b>Troubleshooting</b> .....	13
<b>Product Specifications</b> .....	13

# WARNING

**FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE YOUR INITIAL START-UP!**

## Unpacking Instructions

Immediately upon receiving this product, carefully unpack the carton and check the contents to ensure that all parts are present, and have been received in good condition. Notify the dealer immediately and retain packing material for inspection if any parts appear damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

Your shipment includes:



- DAP TCD-100
- Remote Control (batteries not included)
- FM-antenna
- IEC cable (1,75m)
- User manual

 **CAUTION!**   
**Keep this system away from rain and moisture!**

## SAFETY INSTRUCTIONS

Every person involved with the installation, operation and maintenance of this system has to:

- be qualified
- follow the instructions of this manual

 **CAUTION! Be careful with your operations.**   
**With a dangerous voltage you can suffer a dangerous electric shock when touching the wires!**

Before you initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the system.

To maintain perfect condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

Please consider that damages caused by manual modifications to the system are not subject to warranty.

This system contains no user-serviceable parts. Refer servicing to qualified technicians only.

### IMPORTANT:

*The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the system.*

- Never let the power-cord come into contact with other cables! Handle the power-cord and all connections with the mains with particular caution!
- Never remove warning or informative labels from the unit.
- Never use anything to cover the ground contact.
- Never leave any cables lying around.

- Do not connect this system to a dimmerpack.
- Do not switch the system on and off in short intervals, as this would reduce the system's life.
- Do not open the device and do not modify the device.
- Only use system indoor, avoid contact with water or other liquids.
- Avoid flames and do not put close to flammable liquids or gases.
- Always disconnect power from the mains, when system is not used. Only handle the power-cord by the plug. Never pull out the plug by tugging the power-cord.
- Always operate the unit with the AC ground wire connected to the electrical system ground.
- Make sure you don't use the wrong kind of cables or defective cables.
- Make sure that the available voltage is not higher than stated on the rear panel.
- Make sure that the power-cord is never crimped or damaged. Check the system and the power-cord from time to time.
- Please turn off the power switch, when changing the power cord or signal cable, or select the input mode switch.
- Avoid ground loops! Always be sure to connect the power amps and the mixing console to the same electrical circuit to ensure the same phase!
- If system is dropped or struck, disconnect mains power supply immediately. Have a qualified engineer inspect for safety before operating.
- If the system has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your system. Leave the system switched off until it has reached room temperature.
- If your Dap Audio device fails to work properly, discontinue use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Dap Audio dealer for service.
- Repairs, servicing and electric connection must be carried out by a qualified technician.
- For replacement use fuses of same type and rating only.
- WARRANTY: Till one year after date of purchase.

## OPERATING DETERMINATIONS

This system is not designed for permanent operation. Consistent operation breaks will ensure that the system will serve you for a long time without defects.

If this system is operated in any other way, than the one described in this manual, the product may suffer damages and the warranty becomes void.

Any other operation may lead to dangers like short-circuit, burns, electric shock, etc.


You endanger your own safety and the safety of others!

*Improper installation can cause serious damage to people and property !*

### Connection with the mains

Connect the device to the mains with the power-plug.

Always pay attention, that the right color cable is connected to the right place.

International	EU (including UK) From April 2004	North America	Pin
L	Brown	Black	Phase
N	Blue	White	Neutral
	Green/Yellow	Green	Protective Earth

Make sure that the device is always connected properly to earth!

## **Return Procedure**

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Authorization Number (RMA number). Products returned without an RMA number will be refused. Highlite will not accept the returned goods or any responsibility. Call Highlite 0031-455667723 or mail [offersales@highlite.nl](mailto:offersales@highlite.nl) and request an RMA prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause for the return. Be sure to properly pack fixture, any shipping damage resulting from inadequate packaging is the customer's responsibility. Highlite reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

**Note: If you are given an RMA number, please include the following information on a piece of paper Inside the box:**

- 1) Your name
- 2) Your address
- 3) Your phone number
- 4) A brief description of the symptoms

## **Claims**

The client has the obligation to check the delivered goods immediately upon delivery for any shortcomings and/or visible defects, or perform this check after our announcement that the goods are at their disposal. Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise.

It is the customer's responsibility to notify and submit claims with the shipper in the event that a fixture is damaged due to shipping. Transportation damage has to be reported to us within one day after receipt of the delivery.

Any return shipment has to be made post-paid at all times. Return shipments must be accompanied with a letter defining the reason for return shipment. Non-prepaid return shipments will be refused, unless otherwise agreed in writing.

Complaints against us must be made known in writing or by fax within 10 working days after receipt of the invoice. After this period complaints will not be handled anymore.

Complaints will only then be considered if the client has so far complied with all parts of the agreement, regardless of the agreement of which the obligation is resulting.

# Description of the device

## Features

The TCD-100 is a CD-Player from DAP Audio.

- Slot in CD running gear
- USB slot
- SD/MMC slot
- Anti shock memory (40 seconds)
- Program mode, random mode
- AM/FM Tuner
- 60 preset memory's
- Auto scanning, Manual scanning
- Full function infrared remote control
- Stereo outputs RCA

## Overview

### Frontside

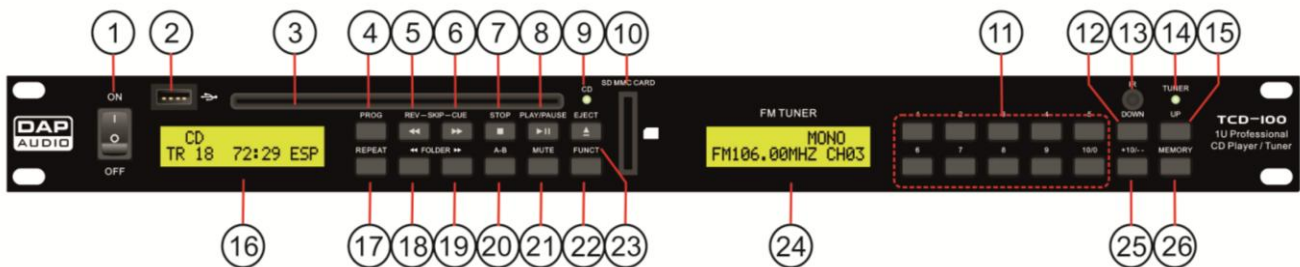


Fig. 1

### Backside

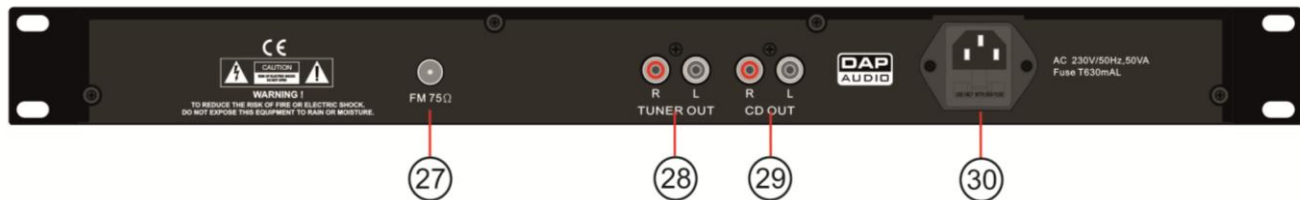


Fig. 2

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1) Power ON/OFF</li> <li>2) USB stick Slot</li> <li>3) Disc Slot</li> <li>4) Prog (Program) Button</li> <li>5) (Skip) Reverse ◀◀ Button</li> <li>6) (Skip) Cue ▶▶ Button</li> <li>7) Stop ■ Button</li> <li>8) Play/Pause ▶/   Button</li> <li>9) CD LED</li> <li>10) SD/MMC Card Slot</li> <li>11) Select Buttons</li> <li>12) Down Button</li> <li>13) Remote Sensor</li> <li>14) Tuner LED</li> <li>15) Up Button</li> </ul> | <ul style="list-style-type: none"> <li>16) CD LCD</li> <li>17) Repeat Button</li> <li>18) Folder ◀◀ Button</li> <li>19) Folder ▶▶ Button</li> <li>20) A-B Button</li> <li>21) Mute Button</li> <li>22) Func (Function) Button</li> <li>23) Eject ▲ Button</li> <li>24) Tuner LCD</li> <li>25) +10 Button</li> <li>26) Memory Button</li> <li>27) Antenna connector</li> <li>28) Tuner Out R/L</li> <li>29) CD Out R/L</li> <li>30) AC Inlet with integrated fuse holder</li> </ul> |
|--|--|

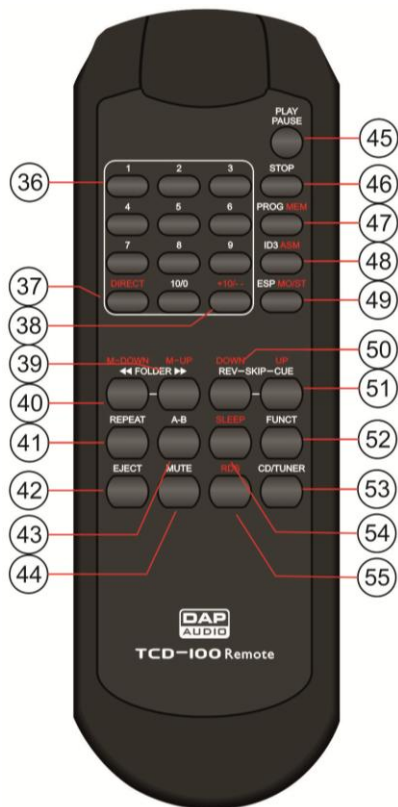


Fig. 3

- |                             |   |
|-----------------------------|---|
| 36) Track Buttons           | 46) Stop Button                         |
| 37) Direct Button           | 47) Prog (Program)/ Mem (Memory) Button |
| 38) +10 Button              | 48) ID3 ASM Button                      |
| 39) M-Up Folder ►► Button   | 49) ESP MO/ST Button                    |
| 40) M-Down Folder ◄◄ Button | 50) Down (Skip) Reverse Button          |
| 41) Repeat Button           | 51) Up (Skip) Cue Button                |
| 42) Eject Button            | 52) Funct (Function) Button             |
| 43) A-B Button              | 53) CD/Tuner Button                     |
| 44) Mute Button             | 54) Sleep Button                        |
| 45) Play/Pause Button       | 55) RDS Button                          |

## Installation

### TCD-100 Installation

Remove all packing materials from the device. Check that all foam and plastic padding is removed.

Screw the device in a 19" Rack. Connect all cables.

**Always disconnect from electric mains power supply before cleaning or servicing.  
Damages caused by non-observance are not subject to warranty.**

## Set Up and Operation

Before plugging the unit in, always make sure that the power supply matches the product specification voltage. The power supply is printed on the back of the device.

Do not attempt to operate a 120V specification product on 230V power, or vice versa.

### Connections

1. Turn off the **Power (1)** switch.
2. Connect the **Tuner Out (28)** and the **CD Out (29)** to the input of your mixer.



## NAMES AND FUNCTIONS

Below is a description of the functions of the controls.

- 1) **Power**  
Use the power switch to turn the device on or off.
- 2) **USB**  
Use this slot to connect your USB stick for playback.
- 3) **Disc**  
Place the CD gently in the slot. The CD will load automatically. Press the eject button to eject the CD.
- 4, 47) **Prog (Program)**  
Stop playback and press the Prog button, the player will enter the program mode. For more information, see the section CD/MP-3 Operations on page 9-11.
- 5, 50) **(Skip) Rev** ◀◀  
Press this button to go back to the beginning of the current track or select a previous track for playing. Press and hold this button to play the track fast backwards. Make sure you've selected *CD mode* (**CD (9)** LED is lit) if you want to use the remote control for this function.
- 6, 51) **(Skip) Cue** ▶▶  
Press this button to skip to the next track. Press and hold this button to play the track fast forward. Make sure you've selected *CD mode* (**CD (9)** LED is lit) if you want to use the remote control for this function.
- 7, 46) **Stop** ■  
Press this button to stop playback.
- 8, 45) **Play/Pause** ▶/||  
Use this button to start playback. Press once to start playback, twice to set the pause mode. Press again to resume playback.
- 9) **CD LED**  
The **CD/Tuner (52)** button on your remote control allows you to alternate between *CD mode* or *Tuner mode* (functions in red). The status is indicated by either the **CD (9)** LED or the **Tuner (14)** LED.
- 10) **SD/MMS card**  
Use this slot to connect your SD/MMS card for playback.
- 11, 36) **Select buttons**  
In *CD mode* (**CD (9)** LED is lit): Press track 0-9, 10 buttons to select tracks directly.  
In *Tuner mode* (**Tuner (14)** LED is lit): Press track 0-9, 10 buttons to select or store up to 60 radio stations (presets) in memory.
- 12, 50) **Down Down**  
Press this button to tune stepwise. Pressing and holding this button for more than 1 second will start auto search. Now the searching will stop at the first station which is strong enough. Make sure you've selected *Tuner mode* if you want to use the remote control for this function.
- 13) **Remote sensor**  
This sensor receives the information of the remote control. Don't place any object or sticker in front of the sensor.
- 14) **Tuner LED**  
The **CD/Tuner (52)** button on your remote control allows you to alternate between *CD mode* or *Tuner mode* (functions in red). The status is indicated by either the **CD (9)** LED or the **Tuner (14)** LED.
- 15, 51) **Up Up**  
Press this button to tune stepwise. Pressing and holding this button for more than 1 second will start auto search. Now the searching will stop at the first station which is strong enough. Make sure you've selected *Tuner mode* (**Tuner (14)** LED is lit) if you want to use the remote control for this function.
- 16) **CD LCD**
- 17, 41) **Repeat**  
Use this button to repeat one track, one folder or all tracks of the medium. See the section CD/MP-3 Operations on page 9-11.
- 18, 40) **Folder** ◀◀ **M-Down**  
Press this button to skip to the previous folder's first track. In *Tuner Mode* (**Tuner (14)** LED is lit), you can use this button to browse through the memory presets.
- 19, 39) **Folder** ▶▶ **M-Up**  
Press this button to skip to the next folder's first track. In *Tuner Mode* (**Tuner (14)** LED is lit), you can use this button to browse through the memory presets.
- 20, 43) **A-B**  
Allows you to set a loop. For more information see the section CD/MP-3 Operations on page 9-11.

- 21) Mute**  
Use to mute the output.
- 22, 52) Funct (Function)**  
Use this button to select between CD, SD/MMC and USB playback.
- 23, 42) Eject ▲**  
Press this button to eject the CD.
- 24) Tuner LCD**
- 25, 38) +10 +10**  
When selecting radio stations stored in memory you can use the +10 button to move up 10 presets. E.g. if your actual preset is 5, pressing the +10 button will select Preset 15.
- 26) Memory**  
Use this button to store your favorite radiostations in up to 60 memory locations. For more info see Tuner Operations on page 11.
- 27) Antenna**  
Connect your FM antenna to this input.
- 28) Tuner out**  
Connect to the line input of your Mixer.
- 29) CD out**  
Connect to the line input of your Mixer.
- 30) AC Inlet with integrated fuse holder**  
This connector is meant for the connection of the supplied main cord. Connect one end of the power cord to the connector, the other end to the mains, and then turn on the power switch to operate the unit.  
**Note:** Please make sure that the supply voltage matches the operation voltage before connecting the unit to mains. Replace the fuse only with a fuse of same specification (T630mA).
- 37) Direct**  
The direct function allows you to manually give in a radio frequency using the select buttons. For more information, see the section Tuner Operations on page 11.
- 47) Prog Mem**  
If the TCD-100 is in *CD mode* (**CD (9)** LED is lit), this button toggles the Electronic Anti-shock Buffer on or off. If the TCD-100 is in *Tuner mode* (**Tuner (14)** LED is lit), this button let's you switch the tuner in Mono or Stereo mode.
- 48) ID3 ASM**  
If the TCD-100 is in *CD mode* (**CD (9)** LED is lit), this button toggles the ID3 info on or off.  
If the TCD-100 is in *Tuner mode* (**Tuner (14)** LED is lit), Pressing and holding this button for more then 1 second starts ASM. If ASM is activated, the TCD-100 will scan the FM band for stations and automatically store them in memory. If you decide to exit ASM before the search is finished, press the ASM button again.
- 49) ESP MO/ST**  
If the TCD-100 is in *CD mode* (**CD (9)** LED is lit), this button toggles the Electronic Antishock Buffer on or off. If the TCD-100 is in *Tuner mode* (**Tuner (14)** LED is lit), this button let's you switch the tuner in Mono or Stereo mode.
- 53) CD/Tuner**  
Let's you select between CD or Tuner mode for your remote control. The mode is indicated by the CD or the **Tuner (14)** LED on the TCD-100. In Tuner mode you can use the specific tuner functions in red.
- 54) Sleep**  
You can activate the sleep function if the TCD-100 is in *Tuner mode* (**Tuner (14)** LED is lit). Pressing the sleep button once enters sleep mode. The display shows the time in minutes after which the tuner switches off. You can change the sleep time by pressing the sleep button several times. Sleep mode is indicated by switching off the backlight of the Tuner LCD. Exit sleep mode by pressing the sleep button until the normal display pops up. For more info, see Tuner Operations on page 11.
- 55) RDS**  
If the TCD-100 is in *Tuner mode* (**Tuner (14)** LED is lit), this button toggles the RDS info on or off.

## CD/MP-3 Operations

### 1. Loading a CD

- Hold the disc by the edges and push it gently in the **Disc slot (3)**. The Disc will now be loaded automatically.

### 2. Unloading CD's

- Press the **Eject (23, 42)** button. The playback will stop and the disc will be ejected.
- If the movement of the disc stops, take the disc by the edges and remove it completely from the slot.

#### Caution:

- Do not place any foreign objects in the disc slot and do not try to place more than one disc in the disc Slot at a time.
- Do not push the disc in manually when the power is off, as this may result in malfunction and damages the player.

### 3. CD's/ MP3-discs/ USB sticks/ SD- MMC cards

MP3 is an audio compression mode using level 3 of the international MPEG standard, whereby the sound signal is compressed at the ratio of 12:1. An MP3 disc can record music for playback over 600 minutes or record over 170 songs in a sound quality that fully matches the sound quality of CD's. An USB stick can record even more. Obviously the TCD-100 works also with normal audio CD's.

### 4. CD Audio Play Mode

Four different play modes are available in CD mode: PLAY ALL, PLAY ALL RANDOM, REPEAT TRACK and REPEAT ALL.

When you press **Repeat (17, 41)** during playback, you can choose between the following play modes:

- 1.REPEAT TRACK: Repeats a single track several times.
- 2.REPEAT ALL: Repeats the whole CD several times.
- 3.PLAY ALL RANDOM: Plays the entire music menu in random order.
- 4.PLAY ALL: Plays the entire music menu in normal order.

### 5. MP3 Play Mode

Five different play modes are available in USB mode: PLAY ALL, PLAY ALL RANDOM, REPEAT TRACK, REPEAT FOLDER and REPEAT ALL.

When you press **Repeat (17, 41)** during playback, you can choose between the following play modes:

- 1.REPEAT TRACK: Repeats a single track several times.
- 2.REPEAT FOLDER: Plays the current folder several times.
- 3.REPEAT ALL: Plays the complete medium several times.
- 4.PLAY ALL RANDOM: Plays the entire music menu in random order.
- 5.PLAY ALL: Plays the entire music menu in normal order.

### 6. Selecting Tracks Forward

- In *Stop mode*: Press the **Cue ►► (6, 51)** button to move to the next track.
- In *Program entry mode*: Pressing the **Cue ►► (6, 51)** will skip to the next track for program select.
- In *Play mode, Pause mode, Program play mode or Random play mode*: Pressing the **Cue ►► (6, 51)** will skip to the next track for normal play/ pause mode, to the next program index track for program play/pause mode, to the next random track for random play/pause mode.
- If the **Cue ►► (6, 51)** button is pressed while at the last track, the first track is selected.

### 7. Selecting Tracks Backwards

- In *Stop mode*: Press the **Rev ◀◀ (5, 50)** button to move to the previous track.
- In *Program entry mode*: Pressing the **Rev ◀◀ (5, 50)** will skip to the previous track for program select.
- In *Play mode, Pause mode, Program play mode or Random play mode*: Pressing **Rev ◀◀ (5, 50)** will skip to the previous track for normal play/ pause mode, to the next program index track for program play/pause mode, to the next random track for random play/pause mode.
- If the **Rev (5, 50) ◀◀** button is pressed while at the first track, the last track is selected.

## 8. Selecting Folders Forward

- In *Stop mode*: Press the **Folder ►► (19, 39)** button to move to the next folder.
- In *Program entry mode*: Pressing the **Folder ►► (19, 39)** button will skip the current file and select the next folder's first file.
- In *Play mode*: Pressing the **Folder ►► (19, 39)** button will skip the current file and start playing the next folder's first file.
- If the **Folder ►► (19, 39)** button is pressed while in the last folder, the first folder will be selected.

## 9. Selecting Folders Backward

- In *Stop mode*: Press the **Folder ◀◀ (18, 40)** button to move to the previous folder.
- In *Program entry mode*: Pressing the **Folder ◀◀ (18, 40)** button will skip the current file and select the previous folder's first file.
- In *Play mode*: Pressing the **Folder ◀◀ (18, 40)** button will skip the current file and start playing the previous folder's first file.
- If the **Folder ◀◀ (18, 40)** button is pressed while in the first folder, the last folder will be selected.

## 10. Starting Playback

- Press the **Play/Pause (8, 45)** button during *Stop mode* or *Pause mode* to start playback.

## 11. Stop Playback

There are two ways to stop playback:

1. Press the **Play/Pause (8, 45)** button during playback to pause at that point.
2. Press the **Stop (11, 36)** button during playback to return to *Stop mode*.

## 12. Pausing

- Press the **Play/Pause (8, 45)** button to switch between play and pause.
- Playback resumes when the **Play/Pause (8, 45)** button is pressed again.

## 13. Scanning Fast forward

- Forward Scanning is a function for moving quickly forwards while being in *Play mode*.
- While pressing and holding the **Cue (6, 51)** button for more than 1 second, the disc moves rapidly forward and the sound is audible. The current scan point is indicated on the LCD.

## 14. Scanning Fast backwards

- Backward Scanning is a function for moving quickly backwards while being in *Play mode*.
- While pressing and holding the **Rev (5, 50)** button for more than 1 second, the disc moves rapidly backwards and the sound is audible. The current scan point is indicated on the LCD.

## 15. CD Program Play

1. Make sure the unit is in *CD mode* when using the remote control.
2. Press the **Stop (7, 46)** button, the CD will stop rotating.
3. Press the **Prog (4, 47)** button, the player will enter the program mode.
4. Select the desired track by using the **Select (36)** buttons, the **Rev (5, 50)** or the **Cue (6, 51)** button, then press the **Prog (4, 47)** button again. The selected track will be added to the program sequence.
5. Repeat step 3. A maximum of 64 tracks can be programmed.
6. Press the **Play/Pause (8, 45)** button to start the program play from the first selection.
7. Press the **Stop (7, 46)** button during program play to stop playing.
8. Press and hold the **Prog (4, 47)** button more than 3 seconds to cancel the program mode and erase All the current program contents.

## 16. MP-3 Program Play

1. Make sure the unit is in *CD mode* when using the remote control.
2. Press the **Stop (7, 46)** button, the playback will stop.
3. Press the **Prog (4, 47)** button, the player will enter the program mode.
4. Select the desired folder by using the **Select (36)** buttons, the **Rev (5, 50)** or the **Cue (6, 51)** button, then press the **Prog (4, 47)** button again.
5. Select the desired track by using the **Select (36)** buttons, the **Rev (5, 50)** or the **Cue (6, 51)** button, then press the **Prog (4, 47)** button again. The selected folder and track will be added to the program sequence.
6. Repeat step 3 and 4. Until all tracks are programmed.
7. Press the **Play/Pause (8, 45)** button to start the program play from the first selection.

8. Press the **Stop (7, 46)** button during program play to stop playing.
9. Press and hold the **Prog (4, 47)** button more than 3 seconds to cancel the program mode and erase All the current program contents.

## 17. Loop play

1. Press the **A-B (20, 43)** button to set the loop start point, the LOOP indicator will flash on the LCD.
2. Press the **A-B (20, 43)** button to set the loop end point. After the end point is set, the playback will enter the loop play from start point to end point repeatedly.
3. Press the **A-B (20, 43)** button to stop the loop function immediately.

## Tuner Operations

### 1. Selecting a Radio Station using the Up/ Down buttons

Press the **Up (15, 51)** or **Down (12, 50)** button to tune stepwise. Pressing and holding the **Up (15, 51)** or **Down (12, 50)** button for more than 1 second will start auto search. Now the searching will stop at the first station which is strong enough.

### 2. Selecting a Radio Station using the Direct function

1. If you're in CD mode (the **CD (9)** LED is lit), press the **CD/Tuner (53)** button and select Tuner Mode. (The **Tuner (14)** LED is lit).
2. Press the **Direct (37)** button. The tuner frequency in the display will change to underscores.
3. Use the **Select (11, 36)** buttons to enter desired frequency without a decimal point.
4. Press the **Direct (37)** button again to confirm. Now the TCD-100 sets the decimal point at the right place.

### 3. Selecting a Preset Station

The TCD-100 allows you to store your favorite radio stations in up to 60 memory presets. Select a preset by using the **Select (11, 36)** buttons and/or the **+10 (25, 38)** button. As an alternative you can use the **M-Down (40)** and **M-Up (39)** buttons. Make sure the unit is in Tuner mode when using the remote control.

### 4. Storing a Station in Memory

1. Select a radio station as described in **1.** or **2.**
2. Press the **Memory (26, 47)** button. In the display the symbol MEM will start blinking. Now use the **Select (11, 36)** and/or **+10 (25, 38)** buttons to select the desired memory location.
3. Press the **Memory (26, 47)** button again to store the preset.

### 5. Setting up the Sleep Mode Timer

1. If you're in CD mode, press the **CD/Tuner (53)** button and select Tuner Mode (the **Tuner (14)** LED will light up).
2. Press the **Sleep (54)** button. The display will show 90, this means that the Tuner will switch to sleep mode in 90 minutes.
3. Pressing the **Sleep (54)** button several times let's you change the time. You can set up the sleep mode timer between 90 minutes and off in 10 minute steps as shown below.

**90→80→70→60→50→40→30→20→10→Off**

4. After 3 seconds the timer will start automatically. The sleep mode will be indicated by the "sleep" text which will show up above the radio frequency.
5. As the time you set up has passed, the tuner backlight will dim. And the tuner output will be muted.
6. You can exit the sleep mode by pressing the **Sleep (54)** button. Make sure you switch the timer off. Otherwise the sleep timer will start again.

## Before switching off the power

**CAUTION:** Do not force the disc in when the power is off.  
Do not switch off the power, when the disc is ejecting.  
Switch off the power after the disc holder has been ejected.

### CD's

#### 1. Precautions on handling compact discs

- Do not allow fingerprints, oil or dust to get on the surface of the disc. If the disc is dirty, wipe it off with a soft dry cloth.
- Do not use thinner, water, record spray, electrostatic-proof chemicals, or silicone-treated cloths to clean discs.
- Always handle discs carefully to prevent damaging the surface; in particular when removing a disc from its case or returning it.
- Do not bend the disc.
- Do not put the CD near heating sources.
- Do not enlarge the hole in the center of the disc.
- Do not write on the label (printed side) with a hard-tipped implement such as a pencil or ball point pen.
- Condensation will form if a disc is brought into a warm area from a colder one, such as outdoors in winter. Do not attempt to dry the disc with a hair dryer, etc.

#### 2. Precaution on storage

- After playing a disc, always unload it from the player.
- Always store the disc in the jewel case to protect from dirt or damage.
- Do not place discs in the following areas:
  1. Areas exposed to face sunlight for a considerable time.
  2. Areas subject to accumulation of dust or high humidity.
  3. Areas that are affected by heat from indoor heaters, etc.

## Maintenance

The DAP Audio TCD-100 requires almost no maintenance. However, you should keep the unit clean. Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Do not use alcohol or solvents.

Keep connections clean. Disconnect electric power, and then wipe the audio connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

### Replacing a Fuse

Power surges, short-circuit or inappropriate electrical power supply may cause a fuse to burn out. If the fuse burns out, the product will not function whatsoever. If this happens, follow the directions below to do so.

1. Unplug the unit from electric power source.
2. Insert a flat-head screwdriver into a slot in the fuse cover. Gently pry up the fuse cover. The fuse will come out.
3. Remove the broken fuse. If brown or unclear, it is burned out.
4. Insert the replacement fuse into the holder where the old fuse was. Reinsert the fuse cover.  
Be sure to use a fuse of the same type and specification. See the product specification label for details.

## Troubleshooting

### DAP Audio TCD-100

This troubleshooting guide is meant to help solve simple problems. If a problem occurs, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps.

1. If the device does not operate properly, unplug the device.
2. Check power from the wall, all cables, connections, etc.
3. If all of the above appears to be O.K., plug the unit in again.
4. If nothing happens after 30 seconds, unplug the device.
5. Return the device to your DAP Audio dealer.

## Product Specification

Model:	Dap Audio TCD-100
Power Supply:	AC 230V – 50/60 Hz
Power consumption:	50 Watt
CD unit:	Anti shock memory
CD type:	CD/CDR/MP-3
Output:	RCA, stereo
Output level:	1,2 V +/- 2 dB
Separation:	60dB at 1 kHz
THD:	< 0,1% at 1 kHz
S/N Ratio:	> 70dB at 1 kHz
Tuner unit:	FM tuner (87,5 – 108 MHz)
Antenna:	75 Ohm Antenna terminal socket
Output:	RCA, stereo
Dimensions:	482 x 44 x 250 mm (LxWxH)
Weight:	3,6 kg



Design and product specifications are subject to change without prior notice.



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Email: [service@highlite.nl](mailto:service@highlite.nl)



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