

DENVER TCD-21 INSTRUCTION MANUAL

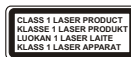
WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION

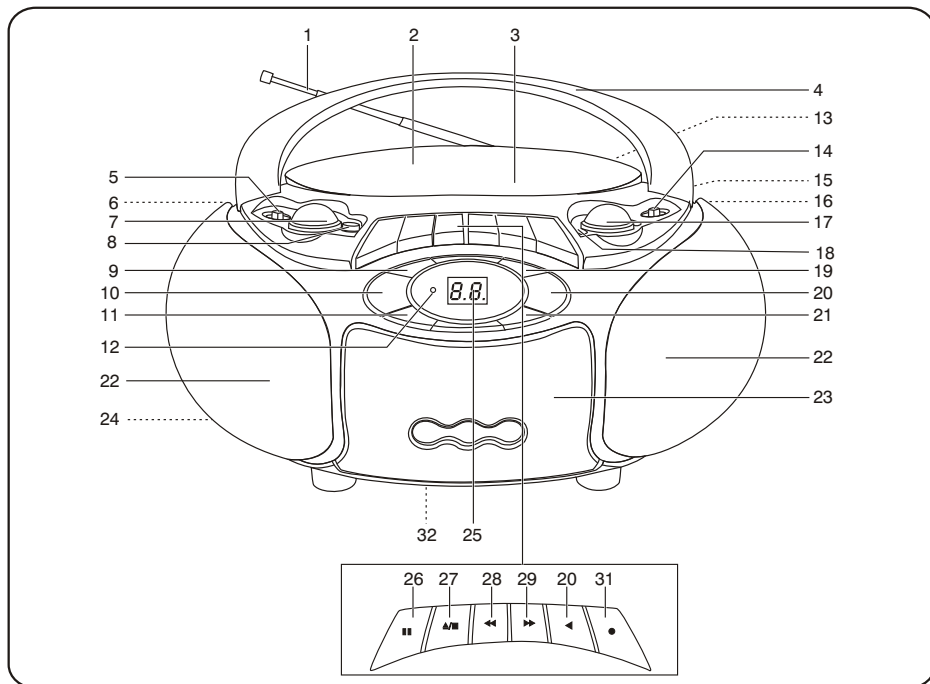
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

This Compact Disc player is classified as CLASS 1 LASER product.



CAUTION!

Invisible laser radiation when open and interlocks defeated. Avoid exposure to beam.



English - 1

A CONTROLS

1. Telescopic aerial
2. CD compartment lid
3. CD open (OPEN/CLOSE)
4. Handle
5. Function/Power switch
(RADIO / TAPE / CD)
6. AC input socket (AC~ IN)
7. Volume control (VOLUME)
8. BBS switch (BBS)
9. CD Program button (PROGRAM)
10. Stop button (STOP ■)
11. CD Skip button (SKIP- ◀◀)
12. FM Stereo indicator (FM ST)
13. MIC input socket (MIN)
14. Band switch (AM/FM/FM ST)
15. Stereo headphones socket (◡)
16. BEAT CUT switch (BEAT CUT)
17. Tuning control (TUNING)
18. Dial scale
19. CD Repeat button (REPEAT)
20. Play/Pause button (PLAY/ PAUSE ▶/■)
21. CD Skip button (SKIP+ ▶▶)
22. Speaker
23. Cassette compartment
24. Battery compartment
25. LED
26. Pause button (PAUSE ■■)
27. Stop/Eject button (STOP/EJECT ▲/■)
28. Fast forward button (F.FWD ◀◀)
29. Rewind button (REWIND ▶▶)
30. Play button (PLAY ◀)
31. Record button (REC ●)
32. VOLTAGE SELECTOR

B PRECAUTIONS

Read the Operating Instructions carefully and completely before operating the unit. Be sure to keep the Operating Instructions for future reference. All warnings and cautions in the Operating Instructions and on the unit should be strictly followed, as well as the safety suggestions below.

Installation

- 1 Water and moisture** - Do not use this unit near water, such as near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, swimming pool, or the like.
- 2 Heat** - Do not use this unit near sources of heat, including heating vents, stoves, or other appliances that generate heat.
- 3 Mounting surface** - Place the unit on a flat, even surface.
- 4 Ventilation** - The unit should be situated with adequate space around it so that proper heat ventilation is assured. Allow 10 cm (4 in.) clearance from the rear and the top of the unit and 5 cm (2 in.) from each side.
 - Do not place the unit on a bed, rug, or similar surface that may block the ventilation openings.
 - Do not install the unit in a bookcase, cabinet, or airtight rack where ventilation may be impeded.
- 5 Objects and liquid entry** - Take care that objects or liquids do not get inside the unit through the ventilation openings.
- 6 Condensation** - Moisture may form on the CD Pickup lens when:
 - The unit is moved from a cold spot to a warm spot

- the heating system has just been turned on
 - the unit is used in a very humid room
 - the unit is cooled by an air conditioner
- When this unit has condensation inside, it may not function normally. Should this occur, leave the unit for a few hours, then try to operate again.

Electric Power

- 1 Power sources** - Use on batteries or AC house current, as specified in the Operating Instructions and marked on the unit.
- 2 AC power cord**
 - When disconnecting the AC power cord, pull it out by the AC power plug. Do not pull the cord itself.
 - Never handle the AC power plug with wet hands, as this could result in fire or shock.
 - Power cords should be firmly secured to avoid being bent, pinched, or walked upon. Pay particular attention to the cord from the unit to the power socket.
 - Avoid overloading AC power plugs and extension cords. beyond their capacity, as this could result in fire or shock.
- 3 When not in use** - Unplug the AC power cord from the AC outlet or remove all the batteries if the unit will not be used for several months or more. When the cord is plugged in, a small amount of current continues to flow to the unit, even when the power is turned off.

English - 2

C POWER SUPPLY

IMPORTANT

Make sure that function is set to TAPE before connecting the AC cord or inserting batteries.

CAUTION

Use only the supplied AC cord. Use with other cords may result in the risk of fire.

Using on batteries

Open the lid of the battery compartment on the rear and insert eight (size C) batteries, not supplied, with the **+** and **-** marks correctly aligned. then close the lid.

To switch from AC power supply to battery power supply, disconnect the AC cord from the AC inlet.

The batteries need to be replaced when:

The tape speed slows down, volume decreases, or sound is distorted during operation.

notes on batteries

- Do not mix different types of batteries or old batteries with new ones.
 - Never recharge the batteries, apply heat to them or take them apart.
 - Remove dead batteries.
- If liquid leaks from the batteries, wipe thoroughly to remove.

D MAINTENANCE

To clean the cabinet

Use a soft cloth lightly moistened with mild detergent solution. Do not use strong solvents such as alcohol, benzine or thinner.

To clean the heads and tape paths

After every 10 hours of use, clean the Recording heads and Playback head, the pinch roller and capstan. Use a cotton swab slightly moistened with cleaning fluid or denatured alcohol.

Cassette tapes

To prevent accidental erasure, bread off the plastic tabs on the cassette tape after recording with a screwdriver or other pointed tool.

To record on the tape again, cover the tab openings with adhesive tape, etc.

E CD OPERATION

1 Set function to CD.

2 OPEN the disc compartment and place a disc with the printed side up. The total number of tracks is displayed.

3 Press **▶/II** PLAY/PAUSE to start play- the indicator lights up:

The number of the track being played is displayed.

4 Turn VOLUME to adjust the sound.

■ STOP - Stops play.

▶/II PLAY/PAUSE - Pauses play. To resume play, press again.

◀◀, ▶▶ SKIP/SEARCH - Searches for a particular point during playback. Keep ◀◀ or ▶▶ pressed and then release it.

- Skips to the beginning of a track. Press ◀◀ or ▶▶ repeatedly

REPEAT

Press REPEAT once- the indicator lights up:

A single track is played repeatedly. Select a track with ◀◀ or ▶▶.

Press REPEAT twice- the indicator lights up:

All tracks are played repeatedly.

PROGRAM

In stop state, press PROGRAM, the indicator lights up, and use skip/search to select the track. Will be program, press play to start program play.

NOTE

- Do not use irregular shape CDs (example: heart-shaped, octagonal ones). It may result in malfunctions.
- Do not place more than one disc in the disc compartment.
- Do not try to open the disc compartment during play.
- Do not touch the lens. Doing so may cause malfunctions.

FM ST: Reception is stereo. When receives FM stereo signal, the FM ST indicator lights up.

FM: When an FM stereo broadcast contains noise, set to FM. Noise is reduced, although reception is monaural.

BEAT CANCEL SWITCH ON AM

When recording a radio program, an irritating "whistling" sound may sometimes be heard. If this occurs, select position 1 or 2. Leave the switch in the position that gives the best results.

F TUNER OPERATION

1 Set function to RADIO.

2 Select a band with BAND.

3 Tune to a station with TUNING.

4 Turn VOLUME to adjust the sound.

For better reception - Extend the FM antenna and orient it for the best reception; AM antenna is inside the unit. Position the unit for the best reception.

FM /FM ST

Sets the FM sound to stereo or monaural.

G TAPE OPERATION

Use Type 1 (normal) tapes only.

PLAYING BACK A TAPE

1 Set function to TAPE.

2 Press **■/▲** STOP/EJECT to open the cassette holder and insert a tape with the exposed side up and the side to be played facing out.

3 Press **◀** PLAY to start play.

4 Turn VOLUME to adjust the sound.

■/▲ STOP/EJECT - Stops play.

II PAUSE - Pauses play. To resume play, press again.

◀◀ F FWD/ ▶▶ REW - Fast forwards/rewinds. To stop winding, press **■/▲** STOP/EJECT.

RECORDING

Note that recording is done on only one side of the tape.

1 Insert a tape with the side to be recorded facing out. Wind up the tape to the point where recording starts.

2 Get ready to record from the source.

To record from a CD: set function to CD and start play. To record from the tuner: set function to RADIO and tune to a station.

3 Press **●** REC to start recording.
◀ PLAY is pressed simultaneously.

To stop recording, press **■/▲** STOP/EJECT.

To erase a recording, set function to TAPE and start recording.

H GENERAL

To turn off the unit, set function to TAPE.

To listen with the headphones, connect headphones with a stereo mini plug to the PHONES jack.

If an erroneous display or malfunction occurs, disconnect the AC cord and remove all the batteries to turn off the display. Then turn the power back on.

COPYRIGHT

Please check the copyright laws relating to recordings from disc, radio or external tape for the country in which the machine is being used.

I SPECIFICATIONS

Tuner section

Frequency range: FM : 88-108 MHz
AM : 525-1630 KHz

Deck section

Track format: 4 track, 2 channels
Frequency range: Normal tape
Recording system: AC bias
Erasing system: Magnet erase
Heads: Recording / playback head
Erasure head

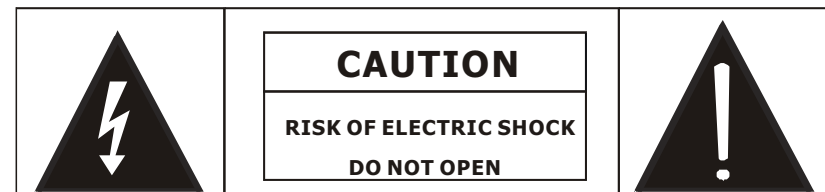
CD player section

Disc: Compact disc
Scanning method: Non-contact optical scanner (semiconductor laser)

General

Speaker: 92 mm cone type (2)
Output: Headphones jack (stereo jack)
Power output: 1.0 W + 1.0 W
Power requirements: DC 12 V using eight size D batteries, AC 230V, 50Hz
Weight: 2.9Kg (excluding batteries)
Dimensions: 334(W)x181(H)x255(D) mm
Accessory: AC cord (1)

• Specifications and external appearance are subject to change without notice.



www.denver-electronics.com