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› Toshiba CD Radio Cassette Recorder TY-CDV1 Instruction Manual

Toshiba TY-CDV1

Toshiba CD Radio Cassette Recorder

Model: TY-CDV1

1. OVERVIEW

The Toshiba TY-CDV1 is a slim and stylish vertical CD radio cassette recorder designed for versatile audio playback. It combines a CD player, cassette recorder, and AM/FM radio into a compact unit, offering clear sound quality and simple operation.

- Slim and stylish vertical design.
- Simple operation with large dials.
- Convenient handle for portability.
- Large window for easy viewing of CD and cassette.
- Clear sound quality.

2. SETUP

2.1 Unpacking

Carefully remove the unit from its packaging. Ensure all accessories, including the power cord and instruction manual with warranty, are present.

2.2 Power Supply

The TY-CDV1 can be powered by either AC power or batteries.

- **AC Power:** Connect the supplied power cord to the AC IN jack on the unit and then to a standard AC 100V 50/60Hz wall outlet.

- **Battery Power:** Open the battery compartment and insert six (6) D-size dry cell batteries (sold separately), ensuring correct polarity (+/-).

2.3 Antenna Setup

For optimal radio reception, extend the FM telescopic antenna fully. For AM reception, rotate the unit for the best signal, as it uses a built-in ferrite bar antenna.

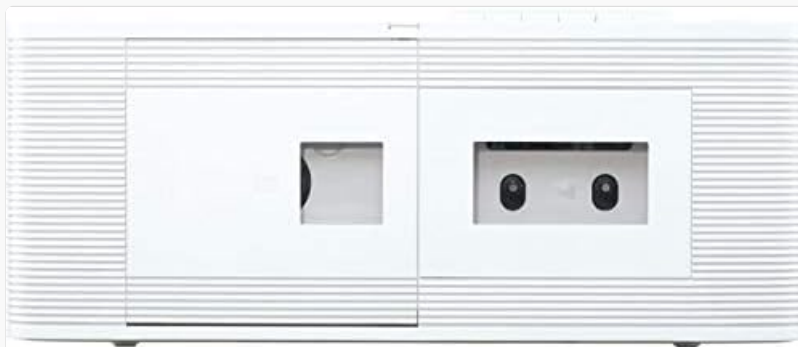


Figure 2.1: Front view of the Toshiba TY-CDV1. This image shows the compact, vertical design of the unit, with the CD player on the left and the cassette deck on the right.



Figure 2.2: Top view of the Toshiba TY-CDV1 with its telescopic antenna extended. This view highlights the antenna's position and the overall slim profile of the device.

3. OPERATING INSTRUCTIONS

3.1 General Controls

- **Power On/Off:** Use the power button or function selector to turn the unit on or off.
- **Volume Control:** Adjust the volume dial located on the unit to your desired listening level.
- **Function Selector:** Switch between CD, Radio (AM/FM), and Tape functions using the dedicated selector.

3.2 CD Playback

1. Open the CD compartment cover.
2. Place a CD or CD-R/RW disc (recorded in CD-DA format) onto the spindle with the label side facing up.
3. Close the CD compartment cover securely.
4. Select the 'CD' function.

5. Press the Play/Pause (▶ / ■) button to start playback.
6. Use the Skip/Search (◀◀ / ▶▶) buttons to navigate between tracks or fast forward/rewind within a track.
7. Press the Stop (■) button to stop playback.

3.3 Cassette Tape Operation

1. Open the cassette compartment cover.
2. Insert a compact cassette tape (recommended 90 minutes or less, Normal Type I).
3. Close the cassette compartment cover.
4. Select the 'Tape' function.
5. **Playback:** Press the Play (▶) button to start playback.
6. **Recording:** To record from CD or Radio, press the Record (●) button simultaneously with the Play (▶) button. Ensure the source (CD or Radio) is playing.
7. **Fast Forward/Rewind:** Use the Fast Forward (▶▶) or Rewind (◀◀) buttons.
8. **Stop:** Press the Stop/Eject (■/▲) button to stop playback or recording.

3.4 Radio Tuning

1. Select the 'Radio' function.
2. Use the AM/FM switch to select the desired band.
3. Rotate the Tuning dial to find your desired radio station.
4. Adjust the antenna for optimal reception.

3.5 External Input / Headphone Output

- **Headphone Output:** Connect 3.5mm stereo headphones to the headphone jack for private listening. Speakers will be muted automatically.
- **External Input:** Connect an external audio device (e.g., MP3 player) to the 3.5mm stereo mini jack input using an audio cable (not supplied). Select the appropriate function to play audio from the external device.

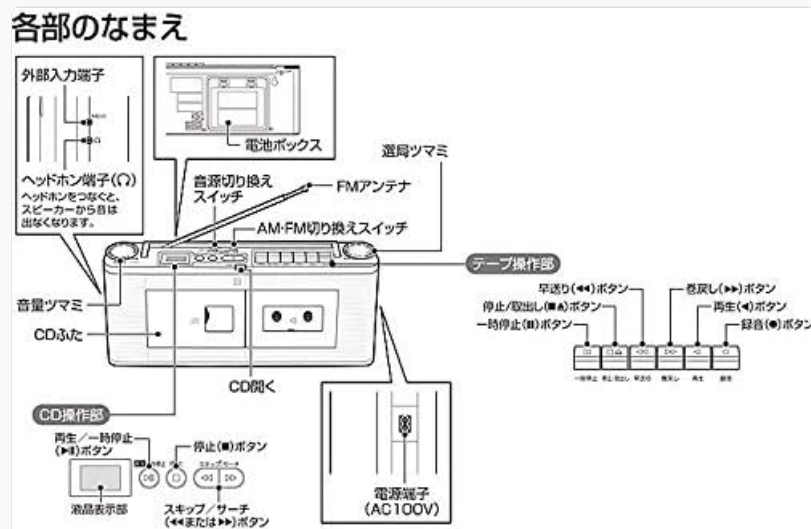


Figure 3.1: Detailed diagram illustrating the various parts and controls of the Toshiba TY-CDV1. This includes labels for the external input terminal, headphone jack, battery box, function switch, FM antenna, AM-FM switch, tuning knob, tape operation buttons (fast forward, rewind, stop/eject, play, pause, record), CD operation buttons (play/pause, stop, skip/search), CD lid, and power terminal.

4. MAINTENANCE

4.1 Cleaning the Unit

Wipe the unit with a soft, dry cloth. For stubborn stains, use a cloth lightly dampened with a mild detergent solution, then wipe dry. Do not use abrasive cleaners, benzene, or thinners, as they may damage the surface.

4.2 CD Player Care

Keep the CD compartment clean. Avoid touching the lens. If the lens is dirty, use a commercially available CD lens cleaner.

4.3 Cassette Deck Care

Regularly clean the tape head, pinch roller, and capstan using a cotton swab lightly moistened with isopropyl alcohol. This helps maintain sound quality and prevents tape damage.

4.4 Battery Replacement

If using batteries, replace all six D-size batteries when the unit's performance degrades or when the battery indicator (if present) shows low power. Remove batteries if the unit will not be used for an extended period to prevent leakage.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord not connected; Batteries depleted or incorrectly inserted.	Check power cord connection; Replace batteries or ensure correct polarity.
No sound	Volume too low; Headphones connected; Incorrect function selected.	Increase volume; Disconnect headphones; Select correct function (CD, Tape, Radio).
CD skipping or not playing	Disc dirty or scratched; CD compartment open; Unit is vibrating.	Clean or replace disc; Close CD compartment securely; Place unit on a stable surface.
Poor radio reception	Antenna not extended; Unit position.	Extend FM antenna; Rotate unit for better AM reception.
Tape playback distorted or slow	Tape head dirty; Pinch roller/capstan dirty; Tape worn out.	Clean tape head and pinch roller/capstan; Try a different tape.

6. SPECIFICATIONS

Feature	Specification
Product Model Number	TY-CDV1-W
Brand	Toshiba (TOSHIBA)
Speaker Type	Active, ϕ 5cm cone type (8 Ω) x 2
Practical Maximum Output	1.2W + 1.2W
Power Source	Battery operated, Power cord operated (AC100V 50/60Hz)
Battery Life (Toshiba alkaline D-size batteries)	CD playback: approx. 10 hours; AM radio: approx. 50 hours; FM radio: approx. 45 hours; Tape playback: approx. 35 hours
Power Consumption	13W
Connectivity Technology	AUX (ϕ 3.5mm stereo mini jack for external input and headphone output)
Product Dimensions (LxWxH)	370(W) x 148(H) x 88(D)mm (excluding protrusions)
Item Weight	Approx. 1.6kg (excluding dry cell batteries)
CD Player Channel Count	2-channel stereo
CD Player Sampling Frequency	44.1kHz
Playable Discs	CD, CD-R/RW (discs recorded in CD-DA format)
Cassette Track System	4-track, 2-channel stereo
Cassette Recording Method	DC bias
Cassette Erase Method	Magnet erase
Cassette Fast Forward/Rewind Time	Approx. 140 seconds (for one side of a 60-minute tape)
Recommended Cassette Tape	Compact cassette tape 90 minutes or less, Normal tape TYPE1
Radio Receiving Frequencies	FM: 76.0-108.0MHz, AM: 531-1,710kHz

7. WARRANTY AND SUPPORT

This product comes with a warranty. Please refer to the included instruction manual for detailed warranty information, terms, and conditions. For technical support or service inquiries, please contact Toshiba customer

service as indicated in your documentation.

Always retain your proof of purchase for warranty claims.