TASCAM CD-A580 v2

TASCAM CD-A580 v2 User Manual

Professional Cassette Recorder, CD Player, and USB Memory Recorder

1. INTRODUCTION

The TASCAM CD-A580 v2 is a versatile, rack-mountable professional audio device designed for a wide range of applications. It integrates a cassette recorder, a CD player, and a USB memory recorder into a single unit, offering comprehensive media compatibility. This manual provides essential information for the safe and efficient operation of your CD-A580 v2.

Figure 1.1: Front view of the TASCAM CD-A580 v2. This image displays the front panel with the CD tray, cassette deck, USB port, and various control buttons and display.

Key features include:

- Rack-mountable design suitable for professional installations.
- High-stability and durable one-way IC logic transport control for cassette operations.
- Direct dubbing from CD to cassette or USB memory.
- Recording from line input to USB memory or cassette.
- Pitch control functionality (up to +/-10%) for cassette playback.

2. IMPORTANT SAFETY INFORMATION

Please read these safety instructions carefully before using the unit. Keep this manual for future reference.

- **Power Source:** Connect the unit only to the specified power supply voltage. Ensure the power cord is securely plugged into an AC outlet.

- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Moisture and Liquids:** Do not expose the unit to rain, moisture, or dripping/splashing liquids. Never place objects filled with liquids on the unit.
- **Foreign Objects:** Do not insert any objects into the unit's openings. This could cause electric shock or damage.
- **Servicing:** Do not attempt to service this unit yourself. Refer all servicing to qualified service personnel.
- **Placement:** Place the unit on a stable, level surface. Avoid locations with excessive vibration, dust, extreme temperatures, or direct sunlight.
- **Laser Product:** This product contains a laser. Do not open the CD compartment while the unit is powered on.

3. SETUP

3.1 Unpacking and Checking Contents

Carefully unpack the CD-A580 v2 and check that all included accessories are present:

- TASCAM CD-A580 v2 unit
- Remote control (RC-1329)
- AAA batteries for remote control (x2)
- Rackmount screws
- Instruction manual (with warranty information)
- TASCAM ID registration guide

3.2 Rack Mounting

The CD-A580 v2 is designed for standard 19-inch rack mounting. Use the provided rackmount screws to secure the unit into an equipment rack. Ensure sufficient space for ventilation above and below the unit.

3.3 Connecting the Unit

Figure 3.1: Rear panel of the TASCAM CD-A580 v2. This view shows the unbalanced RCA input and output jacks, the AC power inlet, and various safety certifications and warnings.

1. **Audio Connections:**

    - **Line Input:** Connect your audio source (e.g., mixer, preamplifier) to the **LINE INPUT (UNBALANCED)** RCA jacks on the rear panel. Ensure left (L) and right (R) channels are connected correctly.
    - **Line Output:** Connect the **LINE OUTPUT (UNBALANCED)** RCA jacks to your amplifier, powered speakers, or recording device. Ensure left (L) and right (R) channels are connected correctly.

2. **Power Connection:** Connect the supplied AC power cord to the AC IN connector on the rear panel and then to a suitable AC outlet.

3. **USB Memory:** Insert a USB memory device into the USB port on the front panel for recording or playback.
4. **Headphones:** Connect headphones to the headphone jack on the front panel for monitoring audio.

4. OPERATING INSTRUCTIONS

4.1 Basic Playback

CD Playback:

1. Press the **OPEN/CLOSE** button to open the CD tray.
2. Place a CD onto the tray with the label side up.
3. Press **OPEN/CLOSE** again to close the tray.
4. Press the **PLAY** button to start playback.
5. Use the **SKIP** buttons to navigate between tracks.

Cassette Playback:

1. Press the **EJECT** button to open the cassette door.
2. Insert a cassette tape into the deck.
3. Close the cassette door.
4. Press the **PLAY** button to start playback.
5. Use the **REWIND** and **FAST FORWARD** buttons to navigate the tape.
6. To adjust playback speed, use the **PITCH CONTROL** knob (up to +/-10%).

USB Memory Playback:

1. Insert a USB memory device containing MP3 files into the USB port.
2. Select the USB source using the **SOURCE** button.
3. Use the navigation buttons to select desired files or folders.
4. Press the **PLAY** button to start playback.

4.2 Recording

Recording to USB Memory:

1. Insert a formatted USB memory device into the USB port.
2. Select the desired input source (CD, Cassette, or Line Input) using the **SOURCE** button.
3. Press the **REC** button to arm recording.
4. Press **PLAY** on the source (CD/Cassette) or start audio from the Line Input.
5. Press **REC** again to start recording.
6. Press **STOP** to end recording.

Recording to Cassette Tape:

1. Insert a recordable cassette tape into the deck.
2. Select the desired input source (CD, USB, or Line Input) using the **SOURCE** button.
3. Press the **REC** button on the cassette deck section to arm recording.
4. Press **PLAY** on the source (CD/USB) or start audio from the Line Input.
5. Press **REC** again to start recording.
6. Press **STOP** to end recording.

4.3 Remote Control (RC-1329)

The included remote control provides convenient access to most functions. Ensure the AAA batteries are correctly installed. Point the remote control directly at the unit's remote sensor for optimal operation.

5. MAINTENANCE

- **Cleaning the Unit:** Use a soft, dry cloth to wipe the exterior of the unit. Do not use abrasive cleaners, waxes, or solvents.
- **CD Lens Cleaning:** If CD playback becomes unreliable, use a commercially available CD lens cleaner disc.
- **Cassette Head Cleaning:** Periodically clean the cassette heads, pinch rollers, and capstans with a cotton swab lightly moistened with isopropyl alcohol. This helps maintain optimal sound quality and prevents tape damage.
- **Demagnetization:** Demagnetize the cassette heads periodically using a cassette head demagnetizer to prevent high-frequency loss.
- **Storage:** When not in use for extended periods, disconnect the power cord and store the unit in a cool, dry place.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet faulty	Check power cord connection; Try a different outlet
No sound output	Incorrect audio connections; Volume too low; Wrong source selected	Verify RCA cable connections; Increase volume; Select correct input source
CD does not play	CD inserted incorrectly; CD dirty/scratched; Disc format not supported	Insert CD correctly; Clean or replace CD; Ensure disc is audio CD or MP3 CD
Cassette tape not playing/recording	Tape tangled/damaged; Heads dirty; Wrong direction selected	Check tape condition; Clean cassette heads; Ensure correct tape direction
USB recording fails	USB memory full; USB memory not formatted correctly; USB memory not compatible	Delete files or use another USB; Format USB to FAT32; Try a different USB device
Remote control not working	Batteries depleted/incorrectly inserted; Obstruction between remote and unit	Replace batteries, check polarity; Remove obstructions; Ensure remote is pointed at sensor

7. SPECIFICATIONS

Feature	Detail
Model Name	CD-A580 v2
Brand	TASCAM
Product Type	Cassette Recorder, CD Player, USB Memory Recorder
Connectivity Technology	USB
Power Consumption	13 W

Feature	Detail
Compatible Items	Headphones, Headphone Jack
Number of Discs (CD)	1
Included Components	Remote control (RC-1329), Remote control batteries (AAA) x 2, Rackmount screws, Instruction manual (with warranty), TASCAM ID registration guide

8. WARRANTY AND SUPPORT

The TASCAM CD-A580 v2 comes with a manufacturer's warranty. Please refer to the warranty section within the included instruction manual for detailed terms and conditions, including coverage period and service procedures.
For technical support, service, or inquiries regarding your product, please contact TASCAM customer support or visit the official TASCAM website. Contact information can typically be found in the included documentation or on the manufacturer's website.