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## TEAC R-565

# TEAC R-565 Stereo Cassette Deck User Manual

Model: R-565

Safety Instructions    Part

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## INTRODUCTION

Thank you for purchasing the TEAC R-565 Stereo Cassette Deck. This unit is designed to provide high-quality audio playback and recording with advanced features. To ensure optimal performance and safe operation, please read this manual thoroughly before using the product and retain it for future reference.

## IMPORTANT SAFETY INSTRUCTIONS

Observe the following safety precautions to prevent electric shock, fire, or damage to the unit:

- **Power Source:** Connect the unit only to an AC power outlet of the specified voltage.
- **Ventilation:** Ensure adequate ventilation. Do not block ventilation openings.
- **Water and Moisture:** Do not expose the unit to rain or moisture. Do not place objects filled with liquids, such as vases, on the unit.
- **Heat:** Do not place the unit near heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- **Cleaning:** Unplug the unit from the wall outlet before cleaning. Use a dry cloth only.
- **Servicing:** Do not attempt to service this product yourself. Refer all servicing to qualified service personnel.

## PART NAMES AND FUNCTIONS

Familiarize yourself with the various controls and connections on your TEAC R-565 cassette deck.

### Front Panel



This image shows the front panel of the TEAC R-565 Stereo Cassette Deck. Key features visible include the cassette compartment, playback/record controls (Play, Stop, Pause, Record), fast forward and rewind buttons, CD Sync, Reverse Mode selector, and the Power button. The FL display is also visible above the cassette well.

- **Power Button:** Turns the unit on or off.
- **Cassette Compartment:** Insert audio cassettes here.
- **Playback Controls (Play, Stop, Pause, FF, REW):** Standard controls for tape playback and navigation.
- **Record Button:** Initiates recording.
- **CD Sync:** For synchronized recording from a compatible CD player.
- **Reverse Mode Selector:** Allows selection of one-way, reverse, or repeat playback.
- **FL Display:** Shows operational status, tape counter, and level meters.
- **Headphone Jack:** For private listening with 6.3mm stereo headphones.

## Side/Angled View



This image provides an angled view of the TEAC R-565, highlighting the right side of the front panel. Visible controls include the Record Level knob, Balance control, Dolby NR (Noise Reduction) switch (Off, B, C), and the Eject button for the cassette compartment.

- **Record Level Knob:** Adjusts the recording input level.
- **Balance Control:** Adjusts the left/right balance of the audio output.
- **Dolby NR Switch (B/C):** Selects Dolby B or Dolby C noise reduction, or turns it off.
- **Eject Button:** Opens the cassette compartment.

## SETUP

### 1. Placement

Place the TEAC R-565 on a stable, level surface away from direct sunlight, heat sources, and excessive dust or vibrations. Ensure there is adequate space around the unit for proper ventilation.

### 2. Power Connection

Connect the AC power cord to the unit's power input and then to a suitable wall outlet. Ensure the power supply matches the voltage requirements of the unit.

### 3. Audio Connections

Use RCA audio cables to connect the R-565 to your amplifier or receiver.

- **Output:** Connect the R-565's LINE OUT (RCA L/R) jacks to an available LINE IN or TAPE IN on your amplifier/receiver.
- **Input:** Connect the R-565's LINE IN (RCA L/R) jacks to the LINE OUT or TAPE OUT of your amplifier/receiver for recording purposes.

## OPERATING INSTRUCTIONS

### Basic Playback

1. Press the **Power** button to turn on the unit.
2. Press the **Eject** button to open the cassette compartment.
3. Insert a cassette tape with the open edge facing forward and close the compartment.
4. Press the **Play** button (▶) to start playback.
5. Use the **Fast Forward** (▶▶) or **Rewind** (◀◀) buttons to navigate the tape.
6. Press the **Stop** button (■) to stop playback.
7. Press the **Pause** button (⏸) to temporarily stop playback and press it again to resume.

## Recording

1. Insert a recordable cassette tape.
2. Select the desired input source on your amplifier/receiver.
3. Press the **Record** button (●). The Play button will also engage automatically.
4. Adjust the **Record Level** knob to ensure the recording level meters on the FL display do not consistently peak into the red zone.
5. Start playback from your source component.
6. Press **Stop** (■) to end recording.

## Reverse Mode

The R-565 features a high-precision reverse mechanism for continuous playback in both directions. Use the **Reverse Mode** selector to choose:

- **One-Way:** Plays only one side of the tape.
- **Reverse:** Plays both sides of the tape once, then stops.
- **Repeat Playback:** Plays both sides of the tape continuously for up to 5 cycles.

## Noise Reduction (Dolby NR)

The unit is equipped with Dolby B and Dolby C noise reduction systems to reduce tape hiss during playback and recording. Use the **Dolby NR** switch to select:

- **OFF:** No noise reduction applied.
- **DOLBY B:** Standard noise reduction for most tapes.
- **DOLBY C:** Enhanced noise reduction for higher fidelity.

The unit also features **Dolby HX-PRO**, which automatically improves high-frequency characteristics during recording.

## Special Functions

- **Intro Check:** This function automatically finds the beginning of recorded songs and plays them sequentially for a few seconds, allowing you to preview tracks.
- **C.P.S. (Computer Program Search):** During tape playback, press the Fast Forward (▶▶) or Rewind (◀◀) buttons to skip songs. The unit can skip up to 20 tracks forward or backward.
- **Auto Rec Mute:** Creates an approximately 4-second silent interval on the tape, useful for separating tracks during recording.
- **Auto Tape Selector:** Automatically detects the type of tape (Normal, CrO<sub>2</sub>, Metal) and adjusts equalization accordingly.

## MAINTENANCE

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Regular maintenance ensures the longevity and performance of your cassette deck.

## Cleaning the Heads and Capstans

Over time, tape heads and capstans can accumulate oxide deposits, affecting sound quality. Clean them regularly (every 10-20 hours of use) using a cotton swab lightly dampened with isopropyl alcohol or a specialized head cleaning fluid.

1. Turn off the unit and unplug it from the power outlet.
2. Open the cassette compartment.
3. Gently wipe the tape heads, capstans, and pinch rollers with the dampened cotton swab.
4. Allow the components to dry completely before closing the compartment or operating the unit.

## General Care

- Keep the unit free from dust by wiping it with a soft, dry cloth.
- Avoid placing heavy objects on top of the unit.
- Do not use abrasive cleaners or solvents.

## TROUBLESHOOTING

If you experience problems with your TEAC R-565, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
No power	Power cord not connected; Power outlet not active	Check power cord connection; Try a different outlet
No sound during playback	Audio cables not connected correctly; Amplifier input not selected; Volume too low	Check RCA cable connections; Select correct input on amplifier; Increase volume
Poor sound quality (muffled, distorted)	Dirty tape heads; Worn tape; Incorrect Dolby NR setting	Clean tape heads (see Maintenance); Try a different tape; Adjust Dolby NR switch
Recording not working	Tape write-protect tab engaged; Input source not playing; Record level too low	Cover the write-protect tab with tape; Ensure source is playing; Increase Record Level
Tape transport mechanism makes unusual noise	Internal mechanical issue	Discontinue use and contact service personnel.

## SPECIFICATIONS

Feature	Detail
Model Number	R-565
Mechanism	High-precision reverse mechanism, Center-mount transport
Amplifier	±2 power supply all-DC configuration amplifier
Noise Reduction	Dolby B, Dolby C, Dolby HX-PRO
Playback Modes	One-way, Reverse, Repeat (5 cycles)
Special Functions	Intro Check, C.P.S. (20 tracks), Auto Rec Mute (4 sec), Auto Tape Selector
Display	FL Display
Headphone Output	Yes
ASIN	B00009VM2K
Date First Available	October 21, 2005

## WARRANTY & SUPPORT

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For warranty information and customer support, please refer to the warranty card included with your product or visit the official TEAC website. Keep your proof of purchase for any warranty claims.

If you encounter issues not covered in the troubleshooting section, please contact TEAC customer service for assistance.