## TASCAM<sub>®</sub>

# CD-150 Technical Documentation

#### **PRODUCT OVERVIEW**

TASCAM's CD-150 is a cost-effective, rack mountable CD player. The Auto Cue function will set the CD-150 at the "first audio" in a track, offering faster start time on tracks with longer lead-ins. Pitch control is standard, allowing minor tuning adjustment or a bump in the feel of the track. Also, a +10 track increment saves time when trying to locate high track numbers. The CD-150 comes with a wireless remote.



- 2-U Rack Mountable CD Player
- Fast Track Access Keypad
- ±6% Pitch Control with Clear On/Off Switch
- Headphone Jack with Level Control

- Auto Cue Function Locates Track's "First Audio"
- Unbalanced RCA Analog Output
- Timer Play Function
- Program Play and Shuffle Play Modes

#### **APPLICATIONS**

The CD-150 CD player is a simple, cost effective CD player capable of handling most installations, and offering advanced features like pitch control and auto cue.

#### Mobile PA Systems (Schools, Small Bands, etc.)

School systems often need to move between several locations in the school for various functions - the pep rally in the gym, the talent show in the theater, the staff meeting in the teacher's lounge, etc. These systems simply need a rack mounted CD player for portability, and will need to be durable enough to withstand the travel. Full production CD players are not required in these situations.

Bands face a similar problem when trying to have CDs playing between sets, or even during set-up and tear down. Again, the fancy feature set is not required. All that is needed is the durable reliability that TASCAM is known for.

The CD-150 offers a cost effective solution to these markets without dropping in all sorts of extra features that might cause the user to make a mistake. It's all about pure and simple reliability.

#### Fixed Installations (Lecture Halls, Board Rooms, etc.)

Whether you're setting up a player for a board room, lecture halls, dance studios, or small theaters, often what is required is a simple playback device. Extra features will often go unused in these environments, and the CD-150 offers a familiar player to these users.

In the case of dance or music instructional facilities, the pitch control may come in handy for changing the feel of a track, or taking it to a different key. Plus, the keypad allows faster track access which comes in handy when dealing with sound cues or multiple backing tracks.

#### **SPECIFICATIONS**

#### **Performance Specifications:**

Audio Channels: 2 channel stereo Quantization 16 hit linear Sampling Frequency: 44.1kHz Oversampling: 8x -60dB Auto Cue Level: Analog Output: Unbalanced RCA Nominal Output Level: -10dBv, 10kOhms Maximum Output Level: +6dBv, 2Vrms Output Impedance: 2.5kOhms Headphone Output: 11mW at max (32 Ohm Load Impedance)

 Pitch Control:
 ±6% (in 1% steps)

 Frequency Response:
 20Hz-20kHz ±1.5db

 Total Harmonic Distortion:
 <0.02%</td>

 Signal to Noise Ratio:
 >85dB (1kHz)

 Channel Separation:
 >80dB (1kHz)

General

Standard Equipment: RC-150C (Wireless Remote)
Power Requirements: 120VAC, 60Hz

(US/Canada Model) 230VAC, 50Hz (Europe Model) 240VAC, 50Hz (Australia Model)

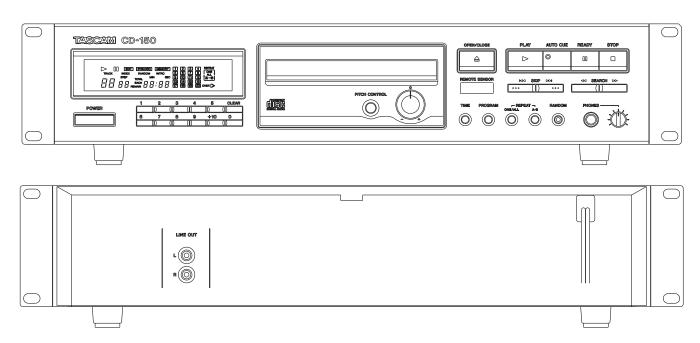
Power Consumption: 9

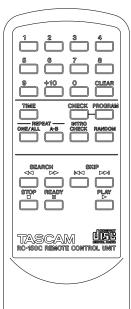
Dimensions:  $482 \times 104 \times 304 \text{ mm}$   $19" \times 4.1" \times 11.9"$ Weight: 4.4 Kg, 9.7 lbs

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## **TASCAM**

### FRONT PANEL, BACK PANEL & REMOTE





### **ARCHITECT'S SPECIFICATIONS**

The CD player shall be a single disc player with a powered loading tray that can mount in a standard 19" rack mount form. Dimensions shall be  $19" \times 4.1" \times 11.9"$  (W x H x D).

Metric measurements: 482x104x304mm.

The CD player shall offer automated play modes, including Program Play and Shuffle Play. The CD player shall have a timer play function that automatically plays when the CD player is powered up.

An Auto Cue function shall be a selectable feature to trigger playback from the first audio in a track, rather than the track ID location.

Pitch control shall be provided to approximately  $\pm 6\%$ , and adjustable from the front panel. A pitch control in/out indicator shall be present on the front panel.

Analog outputs shall be provided on unbalanced RCA connectors.

The CD player shall be controlable with a TASCAM RC-150C wireless remote, which shall offer access to all of the machine's major functions.

#### The CD player shall be a TASCAM CD-150.

NOTE: This text is available in a standard text file on TASCAM's Sound Contractor CD-ROM.