



CD-01U / CD-01UPRO

Technical Documentation

PRODUCT OVERVIEW

Setting the standard for CD playback are TASCAM's CD-01U and CD-01UPRO professional CD players. The CD-01U / CD-01UPRO, designed to fit in a single rack space, utilizing a reliable TASCAM **slot-loading** CD transport for years of trouble-free use.



Available in two versions; an unbalanced model (CD-01U) and a professional model (CD-01U Pro) with balanced analog and digital outputs. Both models feature MP3 playback, 20-second shock protection, pitch control, and are equipped with an RS-232 control port.

MSRP CD-01U \$ 599.00

MSRP CD-01UPRO \$ 699.00

1-space rack-mountable CD Player

CD-R/RW Playback, including 12cm and 8cm CDs

MP3 Playback

20-second RAM buffer for shock protection

Slot-loading CD transport

RCA Unbalanced analog outputs

S/PDIF optical digital output

Repeat, Single-Play and Program playback modes

±12.5% pitch control

Key Original mode allows you to change the speed without changing the pitch

Call function returns to last play start point

Auto Ready and Auto Cue

Fade In/Out function (up to 10 seconds in 1/2 second steps)

Eject block function

Serial control via RS-232C

Wireless remote control

XLR balanced analog outputs (CD-01U Pro)

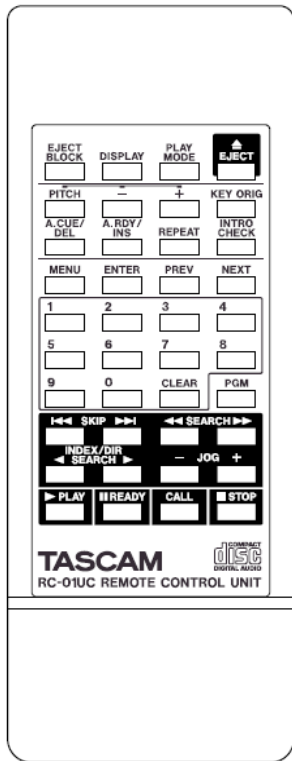
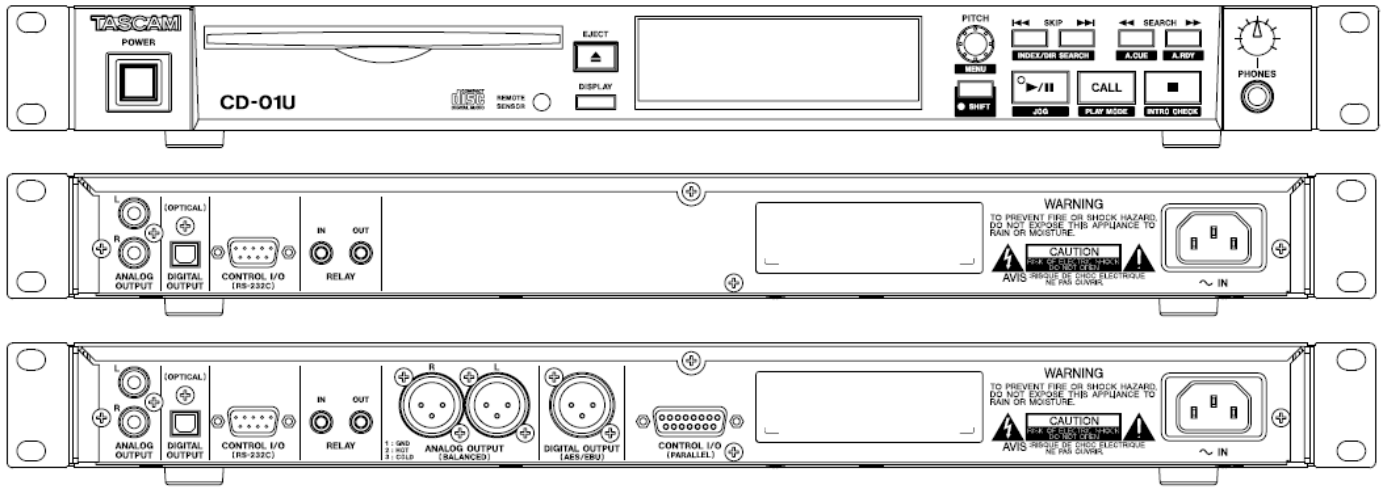
XLR AES/EBU digital outputs (CD-01U Pro)

Parallel control over 15-pin D-sub (CD-01U Pro)

CONSULTANT'S AND SYSTEM DESIGN SPECIFICATIONS

The CD-01U / CD-01UPRO are 1U rack mountable CD players with **slot loading** transports. The CD players provide multiple playback modes, auto cueing, auto-ready, Intro-Check, Pitch Control (+/- 12%), Key Original Function, and fade in/out function (up to 10 seconds in ½ step increments). The CD players are equipped with 20 seconds of RAM buffer for shock protection and both are RS-232 controllable.

Outputs on the CD-01U are unbalanced analog and digital optical S/PDIF. Outputs on the CD-01UPRO are XLR balanced analog and XLR AES/EBU digital. The CD-10UPRO also includes a 15-pin D-sub for parallel control.



SPECIFICATIONS

Performance Specifications:

- Frequency Response 20Hz to 20kHz +0.5/ -1.0dB.
- S/N Ratio > 95dB (20kHz LPF A-WTD)
- Dynamic Range > 98dB (20kHz LPF A-WTD)
- Total Harmonic Distortion > 0.01% (200Hz HPF, 20kHz LPF)
- Channel Separation > 90 dB (at 1 kHz)
- Wow and Flutter Below measurable limits (less than 0.001%)

Audio Inputs/Outputs:

- Analog line outputs**
 - Connectors RCA
 - Maximum Output Level +6 dBV dBu
 - Output Impedance 1k ohm
- Analog line outputs (CD-01U Pro only)**
 - Connectors XLR
 - Maximum Output Level +20dBu
 - Output Impedance 150 ohm.
- Digital input (Coaxial)**
 - Connectors Optical
 - Format IEC60958-3 (S/PDIF)
- Digital Output (AES/EBU, CD-01U Pro Only)**
 - Connector XLR-3-32
 - Format IEC60958-4 (AES/EBU)

CD-01UPRO PARALLEL PINOUT

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|-----------------|---------------------|
| 1 STOP TALLY | 9 PLAY TALLY |
| 2 << IN | 10 PAUSE TALLY |
| 3 >> IN | 11 FADER START/STOP |
| 4 NO DISC TALLY | 12 STOP IN |
| 5 EOM OUT | 13 PLAY IN |
| 6 << IN | 14 PAUSE IN |
| 7 >> IN | 15 +5V |
| 8 GND | |

General Specifications:

- Voltage Requirements USA/CANADA: 120 CVAC, 60Hz; U.K. / Europe: 230 VAC, 50Hz; Australia: 240 VAC, 50Hz
- Power Consumption 9 W (CD-01U); 11W (CD-01U Pro)
- Dimensions 482.6 x 50 x 333.9 mm; 19 x 2 x 13.1 (in)
- Weight 3.5 kg (7.7 lbs) (CD-01U)
3.7 kg (8.1 lbs) (CD-01U Pro)
- Operating Temperature 5 to 40 degrees C (41 Degrees F to 104 Degrees F)