

CD-01U / CD-01U Pro

Ultra-compact CD Players



The CD-01U is an extremely compact CD player available as a standard or professional version. The 19" casing of the CD-01U comprises a clearly legible display and durable CD drive buttons, a slot-loading drive which reads standard audio CDs (CD-R and CD-RW), as well as MP3-CDs with a diameter of 8 and 12 cm.

Alongside the typical play and types of repeat functions, the player offers many functions for professional use, such as auto cue (search for beginning of title), auto ready (automatic pause at the end of a title), call (jumps to the position at which playback was last started), pitch control ($\pm 12\%$) including the opportunity to alter the tempo while retaining the key, intro-check or fade-in/fade-out. In order to be able to integrate into media control devices and into permanent installations, there is a relay play function, fader-start, EOM signal and a serial port. Furthermore, the device can resume playback after being switched on again and can remember a variety of operating conditions after being switched off.

The standard version has an unbalanced analogue output (cinch) and an optical digital output (SPDIF). The professional version provides the user with an additional balanced analogue output (XLR), an AES/EBU digital output (XLR) and a parallel port.

Main Features

- 1U rack-mountable CD player
- CD-R/RW and MP3 (192KBit/s) playback
- 12cm/8cm CD playback
- 20 seconds anti-shock memory
- Slot-in CD drive mechanism
- RCA unbalanced analogue output
- SPDIF (optical) digital output
- Frame accurate search
- Playback Mode (Single, All, Program: up to 99)
- Repeat Mode (Single, All, A-B)
- Time Display (Track Elapsed / Track Remain / Total Remain)
- Auto Cue, Auto Ready
- $\pm 12.5\%$ Pitch Control (in 0.1% steps) with Rotary Encoder knob
- Key Original function (change speed only)
- Call function (return to the point where playback last started)
- Intro Check
- Resume
- Fade In/Out (up to 10 sec, in 0.5sec steps)
- Power-on play (Timer function)
- Eject block function
- Headphone output with dedicated volume control
- Mono output
- Serial control (RS-232C, D-sub 9-pin)
- Relay play or Fader start
- Last mode memory (Playback mode / Program / Repeat mode / Time display)
- End Of Message
- LC display
- Wireless remote control included
- Removable power cable

Additional features on CD-01U Pro:

- XLR balanced analogue output
- XLR AES/EBU digital output
- D-sub 15-pin parallel control port

Specifications

General

Type	Compact Disc Player
Media type	8 or 12cm (3.1 to 4.7inch) CD, CD-R/CD-RW
Formats	Audio CD, MP3 CD (ISO9660/Joliet)
Number of channels	2 channels
Resolution	16-bit
Sampling frequency	44.1kHz
Frequency response	20Hz to 20kHz +0.5/-1.0dB
Signal-to-noise ratio)(20-kHz LPF)	> 95 dB(A)
Dynamic range (20-kHz LPF)	> 98 dB(A)
Total harmonic distortion (THD, 200-Hz HPF, 20-kHz LPF)	< 0.01%
Channel separation (1 kHz)	> 90 dB

Wow and flutter

Below measurable limits (< 0.001%)

Analogue outputs

Analogue output, unbalanced

Connectors	RCA
Maximum output level	+6dBV
Output impedance	1k Ohm

Analogue output, balanced (CD-01U Pro only)

Connectors	XLR-3-32 (1:GND, 2:HOT, 3:COLD)
Maximum output level	+20dBu
Output impedance	150 Ohm

Headphone output

Connector	6.3-mm stereo jack
Maximum output power	20 mW + 20 mW
Load impedance	32 Ohm

Digital Outputs

SPDIF Digital output

Connector	Optical
Format	IEC60958-3 (SPDIF)

AES/EBU Digital output (CD-01U Pro only)

Connector	XLR-3-32
Format	IEC60958-4 (AES/EBU)

Power supply and other specifications

Power requirements	USA/Canada: 120V AC, 60Hz UK/Europe: 230V AC, 50Hz
Power consumption	9 W (CD-01U) 11 W (CD-01U PRO)
Dimensions (W x H x D)	483 mm x 50 mm x 334 mm
Weight	3.5 kg (CD-01U) 3.7 kg (CD-01U Pro)
Operating temperature	5 °C to 40 °C
Backup Memory	Even when the power is turned off, the following set tings are retained: Playback Mode Time display mode Auto Ready on/off Auto Cue on/off Pitch control value All menu settings

Design and specifications subject to change without notice.

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