

SONY®

Compact Disc Player

CDP-D12



COMPACT
disc
DIGITAL AUDIO

FEATURES

Sony unveils the CDP-D12, a CD player designed for professional applications such as television and radio broadcasting, post-production, public addresses, and audio/visual presentations.

The CDP-D12 offers a variety of features that fulfill the demanding requirements of these applications, including multiple output interfaces, a variety of playback functions, RS-232C or parallel remote-control capability, and sequential playback between multiple CDP-D12 decks. Additionally, its shock-resistant design contributes to the high playback stability required by today's professionals. And with its rack-mountable design, the CDP-D12 player is only 1U high, saving rack-mount space and contributing to useful system portability.

Flexible Output Interfaces

The CDP-D12 is equipped with multiple output interfaces to meet individual system needs. XLR-type balanced and phono unbalanced connectors are provided for analog outputs, plus coaxial and optical digital outputs are also available.

Variable Playback Speed

The CDP-D12 allows the playback speed to be adjusted within the range of $\pm 12.5\%$ in 0.5% steps – this enables the duration of the audio program to be adjusted in post-production and on-air applications. The duration of the audio program is displayed according to the adjustment.

Auto-Cue Function

The auto-cue function skips the silent areas at the beginning of an audio track and puts the deck in pause mode. Users can choose the threshold level of the audio to skip from five preset settings: -72 dB, -66 dB, -60 dB, -54 dB, and -48 dB.



Front Panel



Rear Panel

Cue-Point Marking

Operators can mark a cue-point to immediately start playback from any desired point.

Various Playback/Repeat Modes

In addition to normal playback, shuffle playback, and program playback modes, power-on play is also available. For each playback mode, three repeat modes are provided: single-track repeat, A-B repeat, and all-track repeat.

Sequential Playback

Sequential playback is available when multiple CDP-D12 players are daisy-chained through the 'Relay Play' input/output interfaces. When the first CD player reaches its playback end, a control signal is sent to the second player to trigger its playback automatically.

Remote Control via RS-232C and Parallel Ports

The CDP-D12 is equipped with both RS-232C and parallel ports, which allow remote control of the CDP-D12 from another control system, such as an external PC. The mixer-fader-play command is also available through the parallel port.

RM-DS11 Remote Control Unit (Supplied)

The supplied remote control unit allows simple and quick playback control of the CDP-D12 player. Both wired and infrared wireless control is possible. The wired control capability is useful when the CDP-D12 player is installed with other CD players, and it provides comfort that the CD players are operating when putting an audio program to air.

Shock-Resistant Design

For additional reliability, the CDP-D12 player incorporates an ESP (Electronic Shock Protection) function. Using a buffer memory with a capacity of 2.6 seconds, this reduces unwanted track 'skips' caused by external shocks or vibrations.

Versatile Playback

The CDP-D12 player reads audio data stored on CD-R or CD-RW discs as well as conventional CDs. It also accepts both 8 cm and 12 cm CDs without an adaptor.



RM-DS11

SPECIFICATIONS

Outputs	
Analog line outputs (L/R)	Phono (x 2), unbalanced, max. +8 dBu, 10 k Ω load or more XLR-3-32 (x 2), balanced, -10 dBu (max. +10 dBu)/+4 dBu (+24 dBu) selectable, 600 Ω load or more
Digital outputs (IEC60958 consumer)	
Optical	Square optical connector (x 1), -18 dBm, wave length: 600 nm
Coaxial	Phono (x 1), 0.5 Vp-p, 75 Ω load
Headphone output	Phone (stereo), 0 to 10 mW, 32 Ω load

Audio Performance	
Sampling frequency	44.1 kHz
Wow and flutter	Less than measurement
Frequency response	20 Hz to 20 kHz \pm 0.5 dB
Signal-to-noise ratio	98 dB or more
Channel separation	87 dB or more (1 kHz)
Pitch control	Normal speed \pm 12.5% in 0.5% steps
Total harmonic distortion	0.006% or less
D/A conversion	24-bit, x 128 oversampling

General	
Laser	Semiconductor laser (λ 780nm)
Applicable discs	8 cm/12 cm CD, CD-R, CD-RW
Power requirements	AC 120 V, 60 Hz (UC2) AC 220 V, 50/60 Hz (CN2) AC 230 V, 50/60 Hz (CED)
Power consumption	18 W (UC2/CN2) 16 W (CED)
Operating temperature	0 to +40 °C (+32 to +104 °F)
Storage temperature	-20 to +60 °C (-4 to +140 °F)
Mass	4.0 kg (8 lb 13 oz)
Dimensions (W x H x D)	482 x 44 x 265 mm (19 x 1 3/4 x 10 1/2 inches)
Supplied accessories	Remote control unit (x 1), Control-S cable (x 1), operating instructions (x 1)

0 dBu = 0.775 Vrms

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