

Product Information Manual
Professional CD Player



CDP-D12

CHANGING

THE WAY

BUSINESS

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SONY

CDP-D12

Product Name	Description	Specification Code	Product Code	Ex-factory
CDP-D12//K ↓	Compact Disc Player ↓	J1	32-9451-00	'03 Sep/B
		UC2	32-9451-30	'03 Sep/B
		CED	32-9451-50	'03 Sep/B
		CN2	32-9451-70	'04 Jan/B

CDP-D12 is a professional CD Player which is designed as a successor to CDP-D11. Continuing the strong feature of 1U rack mountable size, the playability of CD-R/RW Disc is improved. Also Display is changed from LCD to FL display same as MDS-E10 and MDS-E12 so that it becomes easier to see.

MAIN FEATURES

1. 1U rack mountable size

CDP-D12 inherits the strong feature "1U rack mountable size" of CDP-D11.
User can save the space of rack.

This is the unique feature that any other competitors of Professional CD Player do not have.

2. CD-R/RW Disc Playability

Playability of CD-R/RW is dramatically improved compared with CDP-D11.
Playable Disc: 8cm/12cm CD, CD-R, CD-RW (Audio data)

Discs recorded on CD-R/CD-RW drives may not be played back because of scratches, dirt, recording condition, or the drive's characteristics. Besides, the discs, which are not yet finalized at the end of recording, cannot be played back.

3. Various output connectors

Various output connectors can adopt to professional applications.

Analog : XLR, Phono

Digital : S/PDIF Coaxial, S/PDIF Optical

4. External control interface

Control interfaces fit into various system.

RS-232C (D-sub 9pin) : Customized remote control by using the protocol

Parallel (D-sub 9pin) : Remote control such as fader play by connecting a simple circuit.

CTRL-S (Mini jack) : Wired remote control by the remote controller

Infrared : Wireless control by the remote controller

Relay (Mini jack): Playback continuously by connecting the unit to the other

* When CTRL-S jack is connected, the infrared receiver on the front panel can not be used.

5. Playback functions

Auto cue (-72dB, -66dB, -60dB, -54dB, -48dB),

Auto pause, Mark/Locate, Vari-speed(+/-12.5%, 0.5% steps) , Music scan, Hot start (less than 0.02 sec)

All the functions that CDP-D11 had are applied.

6. Playback modes

Program, Shuffle, Repeat (1, All, A-B), Timer play

7. FL Display

The design is renewed with changing of display to FL, it becomes easier to see.
*The number of characters reduced to maximum 11 characters per a line.

8. Shock protection

4MB D-RAM buffer (2.6 sec)

Rear Panel



Product Configuration

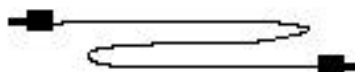
1. CDP-D12



2. Remote controller



3. Control-S cable



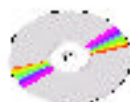
4. AA Battery (x 2)



5. Operation Instructions (Paper) (Japanese, English)

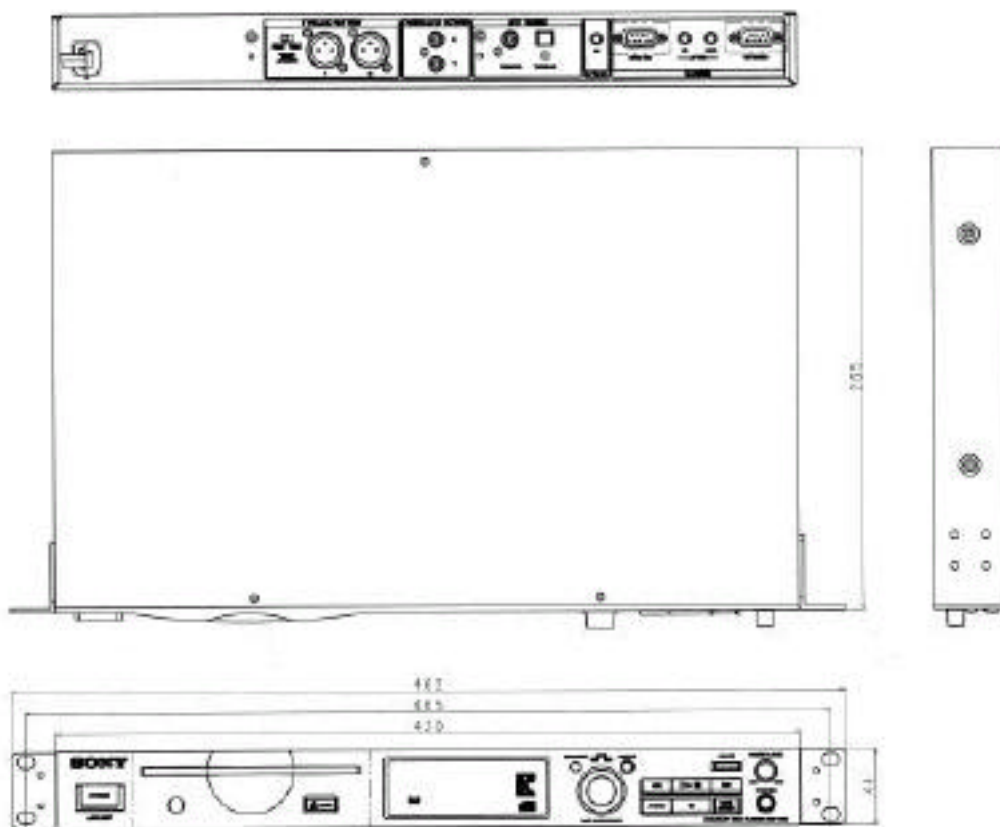


6. Operation Instructions (CD-ROM) (Japanese, English, French, German, Italian, Spanish, Chinese)



Panel

Dimensions



HARDWARE SPECIFICATIONS

CDP-D12 General

System	: Compact Disc Player
Number of Channel	: 2 channels
Disc	: 8cm/12cm CD, CD-R/RW (*There are some discs which can not be play backed depending on its quality.)
Laser	: Semiconductor laser ($\lambda=780\text{nm}$)
Sampling Frequency	: 44.1kHz
Wow and Flutter	: less than measurement
Frequency Response	: 20Hz to 20kHz +/- 0.5dB
S/N Ratio	: More than 98dB
Channel Separation	: More than 87dB (1kHz)
Pitch Control	: +/- 12.5 % (0.5% steps)
THD	: Less than 0.006%
Power requirement	: J 1:AC 100 V , 50/60 Hz UC2: AC 120 V , 50/60Hz CED: AC 230 V , 50/60Hz CN2: AC 220 V , 50/60Hz
Power consumption	: J1: 16W UC2: 18W CED:16W CN2: 18W
Operating temperature	: 0° to 40°C
Storage temperature	: -20° to 60°C
Mass	: 4 kg
Dimensions(W x H x D)	: 482 x 44 x 265 mm (1U high)
Supplied Accessory	: Wired/Wireless Remote Control Unit (1), Control-S Connecting cable (1), AA battery (2), Operation instructions CD-ROM(1), Operation instructions booklet (1)

* 0dBu = 0.775Vrms

Output Connectors

		Connector Type	Reference level	Maximum Level	Load Impedance
Analog Output	Line Out (Balance)	XLR	+4/-10 dBu (Switchable)	+24/+10 dBu (Switchable)	More than 600 Ω
	Line Out (Unbalance)	Phono	---	+8 dBu	More than 10k Ω
	Phones	Stereo jack	---	28mW	32 Ω
Digital Output	Coaxial IEC60958 Consumer	Phono	---	0.5Vp-p	75 Ω
	Optical IEC60958 Consumer	Square optical connector	---	Optical power -18dBm	Wave length 600nm

Control Connectors

	Connector Type
RS-232C	9-pin D-sub, male
Parallel	9-pin D-sub, female
Relay In	3.5mm jack
Relay Out	3.5mm jack
Control-S	3.5mm jack

Parallel I/O

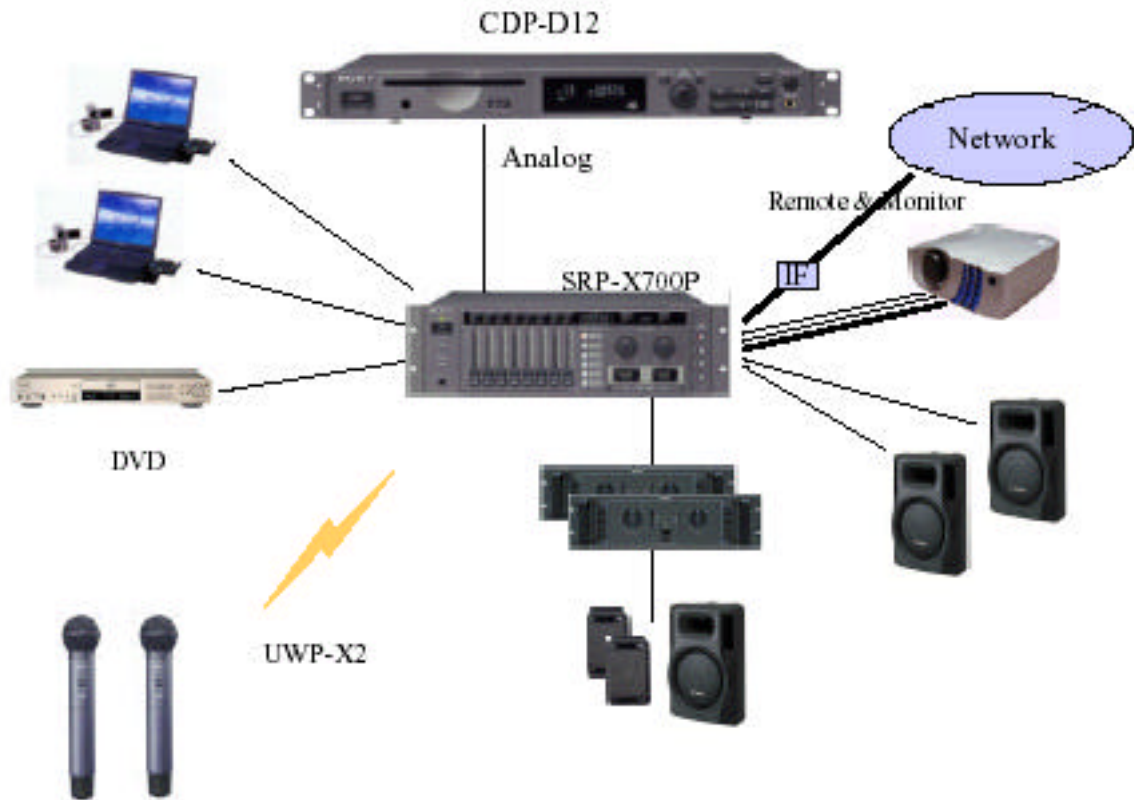
Default

PIN Number	Input /Output	Function	Name in Menu mode
1	Input	PLAY	PIN1
2	Input	PAUSE	PIN2
3	Input	STOP	PIN3
4	Input	AMS+	PIN4
5	Input	AMS-	PIN5
6	GND	---	
7	Output	PLAY	POUT1
8	Output	PAUSE	POUT2
9	Output	NO DISC	POUT3

Assignable Function

PLAY/PAUSE	The same function as PLAY/PAUSE in the main unit
PLAY	The same function as PLAY in the remote control
PAUSE	The same function as PAUSE in the remote control
STOP	The same function as STOP in the main unit
AMS+	The same function as AMS+ in the remote control
AMS-	The same function as AMS- in the remote control
FF	The same function as FF in the main unit
REW	The same function as REW in the main unit
MARK	The same function as MARK in the remote control
LOCATE	The same function as LOCATE in the remote control
EJECT	The same function as EJECT in the main unit
Fader PLAY	Carry out the fade play
1 Track PLAY – 20 Track PLAY	The same function as Number buttons (1-20) in the remote control
OFF	No operation

Application-1 AV Presentation



Application-2 Broadcasting

