

CDR510

Pro Dual CD Recorder

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PROFESSIONAL



applications

- commercial installation
- broadcast
- recording /mastering studios

...additional information

One CD-R with MP3 files burned to it can hold many albums worth of music. The ability to playback and manipulate these files gives the CDR510 a unique versatility in any installation environment. Not only can it playback MP3, but many of the features available on standard CD playback are also applied to MP3 playback, such as random play and pitch control. The rotary control on the front panel of the CDR510 makes navigation through folder structures easy.

In addition to a high specification CD Recorder, the CDR510 also includes a CD player that can act as a source for the CD recorder (with the facility for dual speed copying) or as an entirely independent playback machine. When used as the source, the user can select the level of SCMS copy protection for the destination CDR, while any CD text information present on the source disk will be transferred automatically. When not used for duplication purposes, the CDR510 can operate as a standalone recorder (from external analogue and digital sources) or for playback from the CDR and/or CD decks simultaneously.

The Marantz Professional CDR510 continues our respected heritage in Compact Disk recorders. A twin deck player/recorder with fully independent outputs for each deck, the CDR510 is equally suited to installation or studio environments. A full array of inputs and outputs including balanced XLR inputs allow professional quality connection to a wide range of other equipment, whilst RS232C remote control permits integration into external control systems such as AMX. In addition the CDR510 has a built in MP3 decoder on the player deck, allowing MP3 files to be played back directly from CDR.

key features

- Independent player/recorder decks allows use as dual audio source
- RS232C remote control
- Infra-red remote control
- Double speed recording from player to recorder deck
- Full manipulation of SCMS copy protection
- Sync start from analogue and digital inputs
- Minute track mode (starts new track every minute)
- Auto stop
- CD Text
- Pitch control
- MP3 playback



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Dual Deck CD Recorder

technical specifications



GENERAL

System	Compact Disc Digital Audio (CD-DA)
Number of Channels	2 (stereo)
Applicable Discs	CD, CD-R, CD-RW
Power Requirement	AC 230V 50 Hz
Power Consumption	20 W
Allowable Operating Temperature	+5 to +35 °C
Allowable Operating Humidity	5 ~ 90 % (no condensation)

CD RECORDER

Recording (analog)	
Frequency Response	20Hz ~ 20kHz +0/-2 dB
Signal to Noise Ratio (IEC-A)	86 dB
Total Harmonic Distortion (1kHz)	0.015%
Channel Separation (1kHz)	75 dB
Dynamic Range	86 dB

PLAYBACK

Frequency Response	20Hz ~ 20kHz +0/-1 dB
Signal to Noise Ratio (IEC-A)	100 dB
Total Harmonic Distortion (1kHz)	0.01%
Channel Separation (1kHz)	78 dB
Dynamic Range	86 dB

INPUT/OUTPUT

Analog Input Sensitivity /Impedance	
Balanced (XLR)	0 ~ +20 dBu /47 k (default setting: +16 dBu)
Unbalanced (RCA)	500 mV rms /47 k
Analog Output (RCA)	2 V rms /200
Coaxial Digital In/Out (RCA)	0.5 Vp-p /75
Optical Digital Input	19dBm
Digital Input Sampling Frequency	32/44.1/48 kHz (11 ~ 56 kHz)

CD PLAYER

Applicable Discs	CD, CD-R, CD-RW, MP3 disc
Frequency Response	20Hz ~ 20kHz +0/-0.5 dB
Signal to Noise Ratio (IEC-A)	100 dB

DIMENSIONS (maximum)

w x h x d	483x100x340mm
Net Weight	5.3 kg

input/output

- analogue balanced in - 2 x xlr
- analogue unbalanced in - 2 x rca/cinch
- Analogue unbalanced out - 4 x rca/cinch
- digital coaxial input - rca/cinch
- digital optical output - Toslink
- digital coaxial output - 2 x rca/cinch
- digital coaxial loop out - rca/cinch
- RC5 in/out - 2 x rca/cinch
- RS232C remote control - 9 pin D-sub

included accessories

- Remote control (batteries included)
- AC power cord
- User Manual

Please note:

Specifications are based on measurement conditions and proper care for the machine. Marantz reserves the right to change design and specification without notice. Availability of models may vary by territory.