

CDR300

Portable CD-R/RW Recording System

*Record Live
Directly to CD*



The CDR300 by Marantz Professional is the world's first CD Recording system designed for stand-alone portable recording. This professional CD recorder offers the functionality of a professional tape recorder, while recording directly to blank CD-R/RW media. Once finalized, recorded discs will play back in virtually any CD player.

To record, simply place the compact and lightweight CDR300 on a table-top and record live using either the internal microphone or external microphones that attach to stereo XLR or 1/4" mic/line inputs. Because a preamplifier is built into the unit, an external mixer or mic preamp is not required. A built-in speaker or headphone jack conveniently allows recordings to be monitored.

Advantages:

- CD -quality digital recording
- Media costs just pennies
- CD-R discs will play back in virtually any CD player
- Stop and start just like a tape recorder, but no rewinding
- Use CD-RW discs to erase and re-record
- Portable table top design

Features:

- ◆ Built-in microphone and speaker
- ◆ Stereo XLR & 1/4" mic/line inputs
- ◆ 48V Phantom Power
- ◆ RCA line out
- ◆ Stereo RCA Aux input
- ◆ Digital RCA (SPDIF) input and output
- ◆ Programmable mic/line EQ
- ◆ Programmable mic/line high and band pass filtering
- ◆ Manual or automatic level control for recording
- ◆ Onboard limiter
- ◆ Computer CD-R/RW disc compatible
- ◆ 3-band master EQ
- ◆ Full function IR remote included
- ◆ AC Power or 4-pin DC connection for use with gel-cell battery packs

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PROFESSIONAL

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CDR300 backpanel inputs

Specifications

General

System.....	Compact Disc Digital Audio (CD-DA)
Number of channels.....	2 (stereo)
Discs accepted.....	CD, CD-R, CD-RW
Power requirements.....	AC 120V 60 Hz, 21 W
Dimensions (Maximum)	
Width.....	11 inches (279 mm)
Height.....	4 inches (102 mm)
Depth.....	9 inches (229 mm)
Weight.....	7 pounds (3.2 Kg)

Audio

Frequency response	20 Hz - 20 kHz
ADC	24 Bit Resolution 64x oversampling
DAC	16 Bit Resolution 8x oversampling

CD-R Drive

Playback S/N.....	85 dB
Playback Dynamic Range.....	85 dB
Playback Total Harmonic Distortion.....	0.05%
Output Voltage/Impedance (Line Output).....	1.0 V/2K

Mic/Line Analog Line Level

S/N.....	80 dB
THD.....	0.05%
Input Sensitivity/Impedance.....	500 mV/2K

Mic Level

S/N.....	60 dB
THD.....	0.2%
Input Sensitivity/Impedance.....	1.2 mV/2K

AUX analog input

S/N.....	75 dB
THD.....	0.5%
Input Sensitivity/Impedance.....	800 mV/23K

Digital Input Sample rate..... 11 kHz ~ 58 kHz

Digital Output Level/Impedance..... 0.5 Vp-p/75 ohm

Headphone Output (10% THD)

Level/Impedance..... 70 mW/32 ohm

Speaker Output (10% THD)

Level/Impedance..... 1.7 W/8 ohm

Specifications are based on measurement conditions and proper care for the machine, and are subject to change without notice.

Use this system to:

- Record live music or spoken word directly to blank CD-R (write once) or CD-RW (rewritable) discs.
- Plug microphones into the unit's XLR or 1/4" mic/line inputs for stereo recording without the need for a separate mic preamp and mixer.
- Set the CDR300 on a table and use the built-in microphone to record meetings.
- Record CDs from any analog or digital source (LP, DAT, cassette, or MiniDisc).