

Professional CD-R/RW Recorder

CDR633

In 1992, Marantz was first to introduce the recordable Compact Disc to systems installers. The CDR600 was the first of its kind, and offered professional features at a price that users could afford. Of course, technology has improved and prices have lowered since 1992 — and of course, Marantz has always been leading the way.

Enter Marantz's newest standalone CD-RW recorder, the CDR633: positioned to make full-featured professional CD recording technology available to virtually any installation where the highest quality audio recording is desirable. Rackable in a 2U space, this professionally solid workhorse plays and records on standard CD-R and CD-RW discs. In addition, it will play MP3 files for hours and hours of playback from a single disc.

An updated version of its predecessor, Marantz Pro took care to pack the CDR633 with features specifically requested by the installation market — like Programmable Auto-Track Increment, Pitch Control, Level-dependent Sync Recording, Single Play Mode, Power-on Play and more. Analog, digital and optical input and output, complete with integrated sample rate conversion, are just a few examples of the meticulous design and engineering that went into the CDR633. CD-text can be programmed and read right from the front panel. Programmable fade-in/fade-out recording allows your clients' recording technique to be as good as their Marantz Professional CD-R sounds — and the list goes on.



Key Features

- CD-R and CD-RW Recorder and Player with new worry-free slot-in mechanism
- Compatible with most discs - CD-R data, CD-R for digital audio, CD-RW data, and CD-RW for digital audio
- Marantz Minute Track with Adjustable Time - or Level-dependent Auto Track Increment
- Plays MP3s for hours of playback from one disc
- MP3 directory navigation
- CD-Text and ID3 tag displays right on the CDR633's FL display
- CD-Text can be input onto recorded tracks right from the front panel
- Plays unfinalized CD-Rs and CD-RWs
- Step-adjustable $\pm 16\%$ Pitch Control
- Continuous, Shuffle (Random), Programmable and Single Playback and Repeat modes
- New Auto-cue feature for playback
- Internal Sample Rate Converter (32 ~ 48kHz)
- Analog and Coaxial / Optical (S/PDIF) digital inputs and outputs
- Auto Fade-in and Out with programmable time
- Sync (Level Dependent) Recording
- On-the-fly Manual Track Increment from front panel or remote
- 2 RU Rack mountable chassis

Compatibility

The CDR633 may be the last CD recorder you ever consider for installation. It has analog and digital I/O's to interface with most audio gear, and uses most recordable or re-recordable discs on the market. It can even play back MP3s from CD-ROM discs, and unfinalized CD-Rs and CD-RWs.

Professional Functionality

Not every installation has an engineer to run the show. The CDR633 includes convenience features like Marantz Minute Track with programmable auto-track increment, sync-recording, and programmable fade in/out to make your clients' recordings sound great with a minimum amount of effort. The Single Play function plays one track — and then stops. Your client doesn't have to worry about running to the machine or aiming the remote before the next track starts. Power-on play allows clients to start playback simply by powering on their system. The CDR633 even offers pitch control. Houses of Worship and other presentation venues will appreciate the ability to match the key of a soundtrack to the vocal range of their performers.

Quality

And lest we forget, you're buying it from Marantz Professional. We pioneered CD recording over a decade ago, and we've been designing and engineering studio quality, commercial grade audio gear since the '60s. Our loyal customer base is no accident. They know that we build smartly designed, great sounding, exceedingly reliable equipment because those are the tools they use to make a living. If you know who we are, we're preaching to the choir. If not, consider the CDR633 for your next installation. We'll make you a loyal customer, too.

CDR633

Continued



Specifications

Digital Audio System

System:	CD Recorder
Usable Media:	CD-R, CD-R-DA, CD-RW, CD-RW-DA (High Speed CD-RW is supported)
Quantization Bit Depth:	16-bit linear
Sampling Frequency:	44.1 kHz

Audio Performance

Frequency Response:	20Hz - 20kHz
Playback:	± 0.8 dB
Recording:	± 1.0 dB
S/N Ratio	
Playback:	95 dB or better
Recording:	90 dB or better
Distortion	
Playback:	0.006% or less
Recording:	0.008% or less
Dynamic Range	
Playback:	95 dB or better
Recording:	90 dB or better
Channel Separation (at 1 kHz)	
Playback:	90 dB or better
Recording:	80 dB or better
Wow and Flutter:	below measurable limits (less than 0.001%)

Analog Inputs

Unbalanced Input	
Type:	RCA jack
Nominal Input Level:	-10 dBV (at full scale: -16 dB)
Minimum Input Level:	-19 dBV or higher (minimum input level that can be adjusted to nominal level (Full Scale -16 dB))
Input Impedance:	22 kohms $\pm 10\%$ (unbalanced)

Analog Outputs

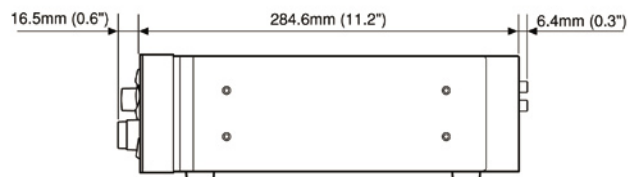
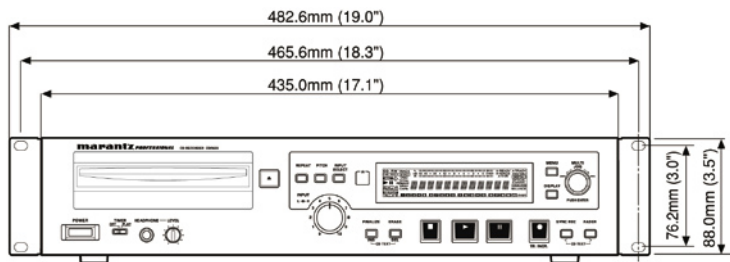
Unbalanced Output	
Type:	RCA jack
Nominal Output Level:	-10 dBV ± 2 dB (at full scale: -16 dB)
Maximum Output Level:	+6 dBV ± 2 dB
Output Impedance:	600 ohms $\pm 10\%$ (unbalanced)
Phones Output:	Stereo Phone Jack (1/4") 20 mW or greater 32 ohm load

Digital Output

Coaxial	
Type:	RCA jack (IEC-60958 Type II)
Optical	
Type:	TOSLINK (IEC-60958 Type II)

General

Power Supply / U1B:	120 VAC / 60Hz
Current Consumption / U1B:	18 W
Dimensions	
Width:	482.6mm (19")
Height:	98mm (3.9")
Depth:	307.5mm (12.1")
Weight:	4.3Kg (9.5 lbs)



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