

marantz® **PROFESSIONAL**



CDR631 CD-R/RW Recorder

With a powerful feature set and a fully professional design, the CDR631 is Marantz Professional's next-generation CD recorder. It offers all the features and functions you've come to expect from a Marantz Professional deck, such as: a rugged rackmount design, reliable operation, flexibility, and a rich assortment of I/Os for connecting to other analog and digital gear. What's more, the CDR631 provides complete SCMS programmability and the ability to use a wide variety of discs, including 1X speed computer discs. The CDR631 is an outstanding digital recorder that lets you create your own custom CDs from any audio source.

FEATURES

CD-TEXT GENERATION

Create and edit track and disc titles with simple input controls. These titles are saved as CD-Text that can be viewed on CD players and recorders that support the CD-Text format (such as Marantz Professional's PMD330/331/340 CD players).

ACCEPTS MULTIPLE DISC FORMATS

The CDR631 accepts all 1X-speed CD-R and CD-RW discs, including discs for computer use. This wider choice in media offers greater flexibility and additional cost savings.

RECORD LEVEL AND BALANCE CONTROL

The CDR631 offers both digital and analog record level and balance controls. This lets you easily control any input source.

SELECTABLE COPY PROTECTION

Bypass SCMS copy protection when duplicating a disc. Or set your own copy protection at the level you decide.

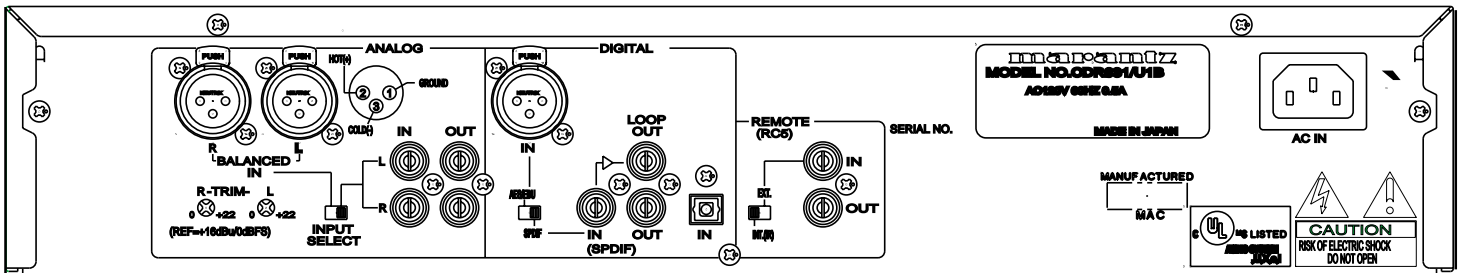
TRACK PROTECTION

A memory buffer and DSP controlled system ensures exact copying of source CDs, DATs, and MiniDiscs.

PROFESSIONAL INPUTS

Includes an AES/EBU digital (XLR) input, balanced (XLR) analog inputs with trim adjustment, unbalanced (RCA) analog inputs, and coaxial and optical digital inputs.

CDR631 Back Panel



Other Features:

- CD-Sync mode for automatically duplicating CDs, MiniDiscs, and DATs
- Automatic sample rate conversion handles any source from 11 kHz to 56 kHz and converts it to the CD standard 44.1 kHz. (44.1 kHz Sources bypass the sample rate converter)
- Memory buffer that prevents the beginning of tracks from getting cut off
- Auto Stop Control that allows dynamic sources such as classical music to be recorded effectively
- 2x speed disc finalization
- Program up to 99 tracks to play in any desired sequence, using 10-key pad or remote control
- Coaxial digital input includes loop-out for unprocessed connection to other digital equipment
- RC5 remote control input for installed (AMX/Crestron compatible) controllers

Specifications

System	Compact Disc Digital Audio (CD-DA)
Number of channels	2 (stereo)
ADC Resolution/Oversampling	20-bit/64x
DAC Resolution/Oversampling	24-bit/128x
Balanced Input Sensitivity	0 dBu - 22 dBu
Digital Input Sampling Frequency	11 - 56 kHz
Frequency Response	20 Hz - 20kHz
Playback Signal-to-Noise	108 dB
Playback Dynamic Range	95 dB
Playback Total Harmonic Distortion	92 dB
Analog Recording Signal-to-Noise	96 dB
Analog Recording Dynamic Range	92 dB
Analog Recording Total Harmonic Distortion	88 dB
Power Requirement	AC 100-240V 50/60 Hz*
Power Consumption	19W
Dimensions	
Width	19.0" (483 mm)
Height	3.9" (100 mm)
Depth	13.4" (340 mm)
Weight	10.4 lbs. (4.7Kg)

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

Included Accessories:

- IR Remote Control
- 2 X AA Batteries
- Stereo Audio Cable
- Coaxial Digital Cable
- Detachable AC Power Cord*

*Unit only comes with detachable U.S.A. standard 3-prong AC cord.



www.superscope-marantzpro.com

Superscope Technologies, Inc.
 2640 White Oak Circle, Aurora, IL 60504
 (630) 820-4800 Fax: (630) 820-8103