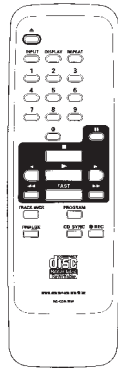
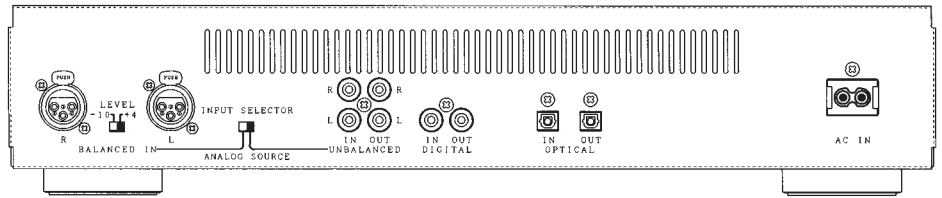


# CDR630



CDR630, RC5 Remote Control

## Compact Disc Recorder



CDR630 backside

### Technical specifications

#### System

System	Professional CD Recorder
Applicable discs for playback	CD, CD-R, CD-RW
Applicable discs for recording	CD-R, CD-RW (audio & data formats)
Sample Rate Converter Modes	On / Off (switchable bypass)
CDR Finalising speed	2x (2 minutes)

#### Audio performance (typ)

##### Playback (analogue out)

Frequency response 20Hz-20kHz	±0.1dB
Channel unbalance	<0.2dB
Outband attenuation	>50dB above 30kHz
S/N (A WTD)	105dB
Dynamic range	98dB
THD+N	85dB
Channel separation	93dB

##### Recording (analogue in)

Frequency response 20Hz-20kHz	±0.1dB
Channel unbalance	<0.2dB
S/N (A WTD)	90dB
Dynamic range	95dB
THD+N	85dB
Channel separation	92dB

#### Inputs/outputs

Analogue input RCA	700mVrms / 50kOhm / max 5Vrms
Analogue input XLR-3	+4dBu / -10dBu
Digital in SPDIF (IEC958II) RCA	32-48 kHz / 75 Ohm
Digital in optical	32-48kHz
Line out (RCA)	2Vrms (±2dB) / 200 Ohm
Digital out SPDIF (IEC958II) RCA	44.1kHz, 0.5Vpp / 75 Ohm
Digital out optical	44.1kHz, -20dBm
Headphones output	0-5Vrms / 8-2000 Ohm

#### Architecture

Mechanism	Die-cast CDM36
Sample Rate Converter	TDA1373/N2
DAIO	TDA1315
ADC	SAA7366
DAC	TDA1305T

#### Automatic Indexing

From digital sources IEC958II (SPDIF)	converts PQ data from CD, MD, DAT, DCC
PQ timing deviation	<6 frames (80ms)
Start delay (with CD SYNC recording)	150-350ms (auto-start with digital source)
Track detection analogue sources	<-50dBfs for more than 3s

#### General

Power supply	230V, 50/60Hz, 15W
Dimensions (wxhxd)	483(19") x 88(2U) x 305mm
Weight	4kg
Colour versions	Grey / Black

Your local dealer

#### Colofon

<b>Initiative</b>	Marantz Professional Europe P.O.Box 80002, Building SFF-2, 5600 JB Eindhoven, The Netherlands Internet address: <a href="http://www.marantz.com">http://www.marantz.com</a>
<b>Design &amp; DTP</b>	de Tantes (BNO), Eindhoven-Amsterdam
<b>Photography</b>	Eindhoven Foto BV, Eindhoven

**marantz®**

Since Marantz launched the first generation of professional CD-R systems in 1991 the company has been developing the technology to cover a greater section of the market. Now Marantz has extended its range even further with the CDR 630, a Compact Disc Recorder specially designed for home CD recording and making demos.

With the CDR630 Marantz brings professional CD-R technology and standards to the home recording market at an entry level price, giving you the choice of playing CD, CD-R and CD-RW, and of recording CD-R and CD-RW on both audio and data disks. The CDR630's front panel is designed for ease of use, and fulfills almost every requirement normally found in much more expensive systems.

# CDR630, Compact Disc Recorder



## Key features CDR 630

- *Balanced XLR analogue inputs, Coax and Optical digital inputs*  
professional input connections for versatile installation
- *Transparent Serial Copy Management System*  
enabling you free editing and compiling from your originals
- *Reads and writes on professional CDR-disks (data disks)*  
for professional recording and production of CD's
- *Automatic Indexing*  
- from digital sources: the CDR 630 automatically translates indexes from CD, MD, DAT and DCC sources to CD track numbers
- from analogue sources: the CDR 630 automatically detects a gap and change in level of a new section and instantly increments the track number
- *Sampling Rate Converter bypass function*  
lets you bypass the Sampling Rate Converter to guarantee full bit to bit transparency for audio
- *CD Sync*  
for auto start recording from digital sources
- *19" rack-mount metal front*  
for easy installation into standard rack systems
- *RC5 IR Remote control included*  
for full remote operation
- *Available in grey and black colours*  
for personal preference