

# CDR310

Digital Audio CD Recorder

**marantz**  
PROFESSIONAL



## Product Overview:

Marantz is taking CD recording to the next level with the CDR310, the first truly portable, affordable CD-based field recorder. Whether for documentation, duplication, or archiving, audio CDs promote confidence through their permanence and universality. While digital recording and CD burning have been commonplace for several years, existing hardware has lacked the go-anywhere flexibility and ease of use that users have come to expect in the digital age. The CDR310 has changed all that. The CDR310 frees the user from the constraints of system-based solutions, delivering the same great recording quality in portable field capture as it does in permanent installations. With an on-board hard drive, the compact, lightweight CDR310 records high quality 16-bit audio in CD-DA, WAV, AIFF or MP3 file formats, then can burn a CD instantly, on location. Best of all, the CDR310 has battery operation capability so you can take it anywhere.

## Key Features:

- Digital hard disc recording in a variety of formats
- Instant CD burning
- Convenience and portability with one-touch record operation
- Flexible record modes - Pre-Record, Background Record, Silent Skip, Adjustable Auto Track
- Professional hardware from input to output

## Applications:

- Meeting recording
- Press conferences
- Music recording
- Speech therapy
- Education
- Legal journals



MP3



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## Further information:

In addition to the ease of one-touch recording, users will quickly come to appreciate two powerful features of the CDR310 - Background Record and Adjustable Pre-record modes. Together, these features help ensure that you won't miss a thing - even when a meeting or event starts without warning.

### Digital Recording

On-board hard drive records in your choice of formats: CD-DA, uncompressed WAV and AIFF, or MP3. The system records high quality, 16-bit audio at a 44.1 kHz sample rate, and the hard drive holds up to 110 hours of material (MP3 mono). You simply select the file type before recording, and the CDR310 handles the rest.

### Instant CD Burning

At the conclusion of your meeting or event, your audio file can be burned to CD instantly. At the conclusion of recording, simply press the Make CD button and the CDR310 will ask if you want to burn to a CD. Just follow the on-screen prompts, and your disc will be ready in minutes. For events over 80 minutes long in CD-DA format, the CDR310 offers CD Split burning, dividing the contents over multiple discs automatically.

### Convenience and Portability

One-touch record operation and an easy-to-read LCD status screen ensure fault-free recording, even for non-technical operators. Its lightweight design and battery operation capability makes the CDR310 equally at home inside an office or out in the field. When there's no wall outlet around, the unit accepts AA alkaline batteries, or optional Ni-Cd and Ni-MH rechargeables. Using the optional RB1651 battery, the CDR310 delivers up to 4 hours of continuous operation.

### Multi-mode Recording Features

The CDR310 incorporates Pre-Record mode along with Background Record to capture all the action. By simply powering up, the Pre-Record mode is engaged. This creates a rolling buffer of recorded audio, up to 10 seconds long (user selectable). So if your meeting or event starts unexpectedly, you're protected. Once the event has begun, the Rec-Pause function activates Background Record mode. If there's a break in the action, just hit Pause. If anything vital happens, it's captured on the CDR310's hard drive. When the meeting officially resumes and you release the Pause control, the CDR310 gives you the option of deciding whether to keep the audio captured during Background Record. Another easy-to-use option is Silent Skip recording. This function uses voice activation to save disc space by automatically pausing during quiet passages, creating a tighter, more client-friendly recording.

### Professional Hardware

Analog line level and balanced high performance XLR microphone inputs are included, as well as S/PDIF-format digital I/O with high quality A-D converters. The CDR310 also provides +48V phantom power, and even has an integrated condenser microphone and playback speaker right on board. Remote control is also available by using the optional RC600PMD.

## Product Images:



## Useful Links:

[www.dm-pro.eu/cdr310](http://www.dm-pro.eu/cdr310)

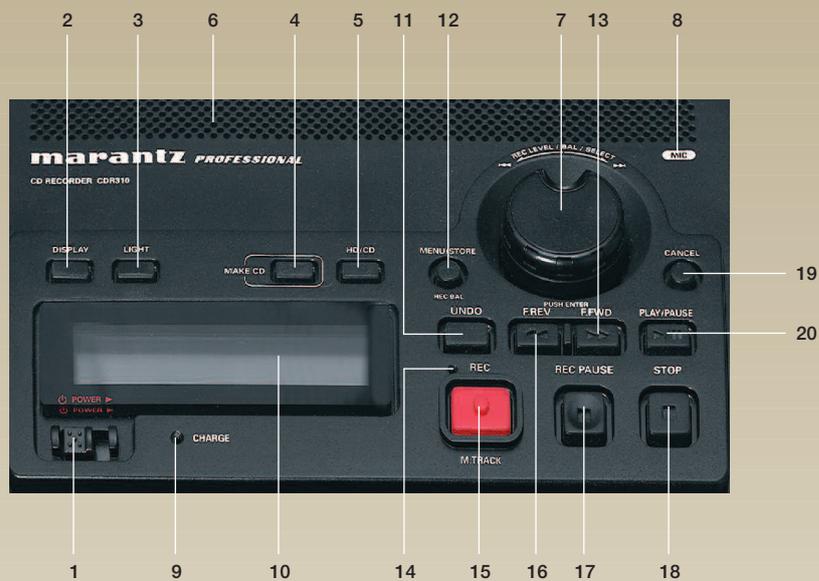
For further information on the CDR310, including user manual and high resolution images please check the relevant product page on our website

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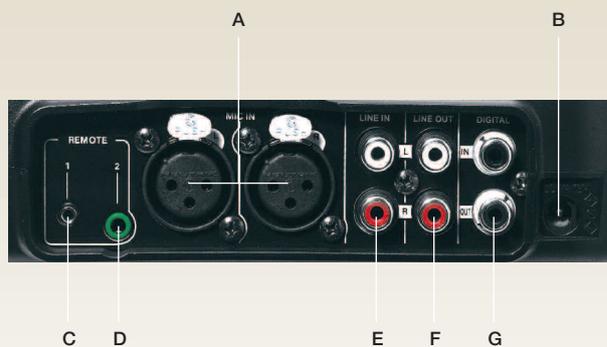
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## Controls & Outputs:



### Top key:

- |                  |                             |                        |                        |
|------------------|-----------------------------|------------------------|------------------------|
| 1 Power switch   | 6 Internal speakers         | 11 Undo button         | 16 Fast reverse button |
| 2 Display button | 7 Jog/Enter button          | 12 Menu/Store button   | 17 Record pause button |
| 3 Light button   | 8 Mic (internal microphone) | 13 Fast forward button | 18 Stop button         |
| 4 Make CD button | 9 Charge indicator          | 14 Rec indicator       | 19 Cancel button       |
| 5 HD/CD button   | 10 Display                  | 15 Record button       | 20 Play pause button   |



### Front/Side key:

- |                  |                           |                      |                        |
|------------------|---------------------------|----------------------|------------------------|
| 1 CD slot        | 5 Level volume            | A Mic In jacks (L/R) | E Line In jacks (L/R)  |
| 2 Eject button   | 6 Headphone (Phones) jack | B DC In jack         | F Line Out jacks (L/R) |
| 3 Keylock switch |                           | C Remote 1 jack      | G Digital In/Out       |
| 4 Speaker switch |                           | D Remote 2 jack      |                        |

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## Specifications:

### Dimensions

Width	247 mm
Height	60 mm
Depth	184 mm
Weight	1.3 kg

### Power requirement

Europe model	AC 230/ 50Hz
Power consumption	12 W

### Inputs / Outputs

#### LINE IN

Type	RCA jack
Input sensitivity	500 mVrms/22 kohms

#### LINE OUT

Type	RCA jack
Standard level	2 Vrms /300 ohms
Headphone output power	20 mW/ 32 ohms

## In the box:

The CDR310 ships with the following accessories included inside the box:

- User manual (CD rom)
- Power supply (DA670PMD)
- Battery holder

## Accessories:



RB1651 Rechargeable NiMH battery (chargeable inside the CDR310's battery compartment)

NO IMAGE AVAILABLE

PRC310 protective carry case



RC600 wired mic remote to control critical record/pause/mark functions and view recording status.



Dimensions: Width 247mm. Height 60mm. Depth 184mm. Weight (without Batteries) 1.3 kg.

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