

DR-08

Linear PCM/MP3 Recorder



The DR-08 packs serious audio quality into a handheld dynamo that fits in your pocket. It captures audiophile-quality WAV files at up to 96 kHz / 24-bit – or web-friendly MP3 files – to robust MicroSD media. The built-in microphones have a unique mechanism to tailor the width and angle of the pattern for the perfect recording. There's even a built-in kickstand for placing the recorder right where you want it. A pair of AAA batteries allows you to record for hours to the included 2 GB card, then transfer the recording to your computer using high-speed USB 2.0.

Like the top-selling DR-07, the DR-08 has features like auto level control and a low-cut filter for clear recordings. Loop and variable speed on playback allows you to slow down speed without changing the pitch to learn new music while noise cancelling and EQ functions help improve playback timbre. Last not least, the sleek design makes the DR-08 Tascam's most portable recorder yet.

Main Features

- **Portable, high-quality handheld recording**
- **Small size and easy operation**
- **Uses a micro SD/SDHC card as recording medium (2 GB included)**
- **Supported audio formats:**
 - Linear PCM (WAV format) at 16-bit/44.1 kHz (CD quality) or 24-bit/44.1 kHz
 - Linear PCM (WAV format), 24-bit/48 kHz
 - Linear PCM (WAV format), 24-bit/96 kHz
 - Compressed (MP3 format): 32–320 kbit/s (VBR files can be played but not recorded)
- **Timer recording function (recording starts at a pre-set time)**
- **Pre-recording buffer (2 seconds) allows a recording to start before the record key is pressed**
- **Stereo mic/line input with plug-in power to connect an external source or microphone**
- **EQ allows tone control during recording**

Recording features

- **Two built-in high-quality cardioid microphones with variable angle mechanism for different applications:**
 - Folded out: Standard setting for music or field recording
 - Folded out and rotated: Put the unit on a desktop to record a meeting or conversation
 - XY setting allows mono compatible recordings and high sound localization acuity (lively interviews or field recordings with ambience)
- **Switchable filter to minimize unwanted low-frequency noise**
- **Manual recording level setting for music and field recording**
- **Automatic recording level setting (auto gain control) for minutes and interview recording**
- **Automatic recording allows the unit to start and stop recording automatically by input level**

Playback features

- **Variable speed audition to change the playback tempo without affecting the key (50–200 %)**
- **Repeat function (repeat one track or all tracks)**
- **Loop function (repeat a marked section)**
- **Playlist feature to play files in a certain order**
- **Flash back function to instantly review playback**
- **Noise cancel function**
- **EQ allows tone control during playback**
- **Built-in loudspeaker**
- **Headphones/Line output**

Other features

- **File divide function to cut unwanted noise or to extract parts from long recordings (WAV format only)**
- **Folder management to organize your files**
- **Clear, backlit LC display**
- **USB 2.0 connection for quick and easy file transfer to/from computer**
- **Power supply by USB or two AAA size Alkaline or NiMH batteries**
- **Built-in folding stand for desktop recording**

Specifications

Audio inputs and outputs

MIC/EXT. IN	3.5-mm stereo mini-jack
Input impedance	200 kOhm
Nominal input level, MIC	LOW: -45 dBV HIGH: -61 dBV
Maximum input level, MIC	LOW: -29 dBV HIGH: -45 dBV
Nominal input level, EXT. IN	LOW: -19 dBV HIGH: -31 dBV
Maximum input level, EXT. IN	LOW: -3 dBV HIGH: -3 dBV
Headphones/LINE OUT	3.5-mm stereo mini-jack
Output impedance	200 Ohm
Nominal output level	-18 dBV
Maximum output level	-2 dBV
Maximum output power	5 mW + 5 mW (into 16 Ohm)
Built-in speaker	100 mW (monaural)

USB connection

USB port connector	Micro-B type
Format	USB2.0 mass storage class

Audio performance

Frequency characteristics	20 Hz – 20 kHz (44.1 kHz) 20 Hz – 22 kHz (48 kHz) 20 Hz – 40 kHz (96 kHz)
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Requirements for connected computers

Windows	Pentium 300 MHz or faster 128 MB or more memory USB port (USB2.0 recommended)
Macintosh	266 MHz Power PC, iMac, G3, G4 or faster 64 MB or more memory USB port (USB2.0 recommended)
Recommended USB host controller	Intel chipset
Supported Operating Systems	Windows XP, Windows Vista, Windows 7 Mac OS X 10.2 or newer

Power supply and other specifications

Power supply	2 AAA batteries (alkaline or NiMH) USB bus power
Power consumption	1 W (max.)
Battery operation time (when used continuously with Alkaline batteries)	About 6 hours (MP3, recording or playback, JEITA standard)
Dimensions (W x H x D)	37 mm x 140 mm x 15 mm
Weight	0,056 kg (without batteries)
Operating temperature range	0–40 °C

Design and specifications subject to change without notice.

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