

EDIROL

Products by **Roland**

DTMP
Desk Top
Media Production

WAVE/MP3 RECORDER

R-1

Portable 24-Bit WAVE Recorder & Player with MP3 Rec/Play

INTEGRATED HI-GRADE MIC

Use the built-in stereo microphone to capture incredibly clean audio

EFFECT

Add sparkle, depth, and punch with the onboard effects

USB 2.0

Connect to computer, import/export WAV and MP3 files

24-BIT RECORDING

Capture, edit, and play back high-resolution audio

CompactFlash™

Record and stream audio direct into CompactFlash™



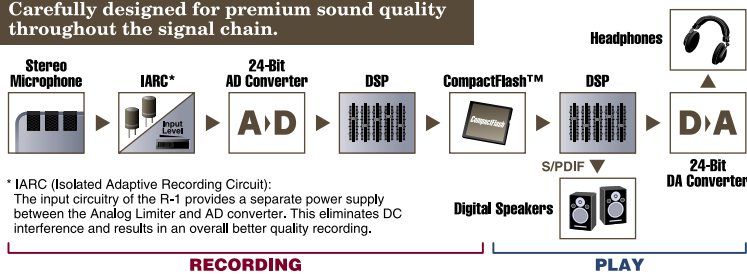
High Quality Recording

EDIROL R-1

Top-Grade Components, World-Class Sound

Searching for the highest recording quality in a portable device? EDIROL handpicked the top analog and digital components for the R-1. The unit records and plays back at a crystal-clear, 24-bit audio resolution without compression. Electrolytic capacitors provide stable, reliable power to the analog circuits, eliminating DC interference and supplying low-distortion sound. Audio recorded into the R-1 is stored as stereo files directly onto removable CompactFlash™ card. Maximum recording time is approximately 137 minutes (MP3, 64 kbps mode) when using the bundled 64 MB memory card. Nine format-quality modes are provided, ranging from 64 kbps compression to linear WAV.

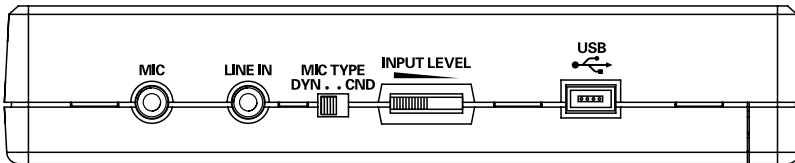
Carefully designed for premium sound quality throughout the signal chain.



Record via Built-In Mic or External Inputs

Need to record quickly, easily, with pro results — and without having to buy extra components? The R-1 is equipped with two electret microphones for quick and clean capture. It can offer superior results from the internal microphones because it is completely solid state — the R-1 makes no noise itself for the internal microphones to pick up. Just press the REC button, the level indicator pops up on the display, and you're instantly ready to record. The R-1 also lets you capture audio through its external line or microphone input.

SIDE VIEW



SPECIFICATIONS

[Audio Input/Output] -Input Internal Microphone (stereo), Stereo Microphone (1/8" phone jack : plug-in powered compatible type) -Output 1/8" stereo phone jack, Headphones (1/8" stereo phone jack), S/PDIF 1/8" phone optical type (same port as Headphones) **[Signal Processing]** -AD/DA conversion 24 bit / 44.1 kHz **[Recorder/Player]** -Number of track 2 Tracks (1 stereo track) -Recording data format WAV, MP3 -Storage CF (CompactFlash™) card, Up to 2 GB capacity **[Audio effect]** 01:Easy EQ (11 presets), 02:For Speech, 03:Voice Perform, 04:Editable EQ (10 Band EQ : 32/64/125/250/500 Hz, 1/2/4/8/16 kHz), 05:Noise Reducer, 06:Hum Noise Cut, 07:Reverb, 08:Int-Mic Rec. (Mic Simulator Optimized for Built-in Mic), 09:Ext-Mic Rec. (Mic Simulator for External Mic), 10:Mastering, 11:Center Cancel, 12:Tuner, 13:Metronome **[Power Supply]** AC adaptor (included) or Battery (Rechargeable Ni-MH AA x 2 or Alkaline AA x 2. R-1 has no charge function.) **[Battery life]** Playback: approximate 5.5 hours, Recording: approximate 1 hour (In case of using Alkaline batteries continuously) **[Others]** -USB USB 2.0 Storage device (WindowsXP/2000/Me, MacOS9.2 or MacOS X, OS standard driver) -Display 20 x 2 character display -Accessories CF Card 64 MB, AC Adaptor Roland PSB-6U type, Carrying Case, Owner's manual -Dimensions 99.25 (W) x 134 (D) x 30.2 (H) mm / 3-15/16 (W) x 5-5/16 (D) x 1-3/16 (H) inches -Weight 205 g / 8 oz (excluding CF and batteries) **[Options]** Headphones Roland RH-200/RH-50

Internal Effects, Metronome, & Tuner **COSM**

The R-1 goes above and beyond the competition with its pro-quality internal effects processor, equipped with 13 tools for perfecting your sound (microphone simulator, noise suppressor, hum-cut, EQ, reverb, center canceller, and more). The EQ of the R-1 offers a variety of presets for various styles of music. The R-1 also provides Tuner and Metronome functions, making it an excellent portable music-practice tool!

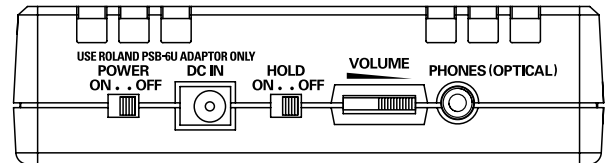
Take it Anywhere

Robust, rugged, and ready to travel, the R-1 is built to withstand the rigors of the road. Capture the sounds of nature, record live music, use it as an MP3 player, plug it into your studio gear or stereo for pristine playback — the options are vast. The R-1 runs on two AA batteries or from the included AC adaptor.

Convenient Connectivity

In addition to its headphone output and external audio inputs, the R-1 can connect to the outside world via USB 2.0 for importing/exporting WAV / MP3 audio files via computer. The R-1's headphone jack also doubles as a S/PDIF optical out, so you can stream audio to digital equipment such as digital speakers or DAT/CD/MD recorders.

REAR VIEW



Recording Time

Data Format	Memory Size	minutes		
		Accessory 64MB	Options 512MB	Options 2GB
WAV, 24 bit / 44.1 kHz		3	31	125
WAV, 16 bit / 44.1 kHz		5	47	188
MP3, 16 bit / 320 kbps		26	208	831
MP3, 16 bit / 256 kbps		32	260	1039
MP3, 16 bit / 192 kbps		43	346	1386
MP3, 16 bit / 160 kbps		52	416	1663
MP3, 16 bit / 128 kbps		65	520	2079
MP3, 16 bit / 96 kbps		86	693	2772
MP3, 16 bit / 64 kbps		130	1040	4158

*R-1 is a direct WAVE/MP3 recorder. Internal file conversion is not possible.

EDIROL

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