



The built-in stereo microphone allows high-quality recordings from scratch. However, external mics can be connected instead.

**T**he DR-1

is a compact portable stereo digital recorder that captures hours of music to SD memory media. A pair of built-in variable-angle microphones allows the user to record from almost anywhere at MP3 or WAV file formats. In addition, two microphone inputs are available for an external mono or stereo mic. The recorder includes auto gain control and analogue limiting for easy setup and a switchable low-frequency filter to eliminate handling or wind noise. One out of eleven effects can be applied to the input signal during recording. Recordings can also be added to existing audio files (overdub feature). And a host of playback features is supplied, including pitch and key control, a vocal/instrument cancelling function as well as a tuner and a metronome.

The DR-1 comes with a 1-Gigabyte SD card and a lithium-ion rechargeable battery – ideal for many hours of recording time wherever you go. An AC adapter is available as an option.



- ▶ Stereo mic input for an external stereo microphone (mini jack)
- ▶ Mono input to connect an external mono microphone (standard 6.3-mm jack)
- ▶ Stereo line input for other recording sources (mini jack)
- ▶ Headphone/Line output (stereo mini jack)
- ▶ Playback features include:
  - Loop, repeat and single playback
  - Folder or playlist playback
  - MP3 ID3 tag display (up to version 2.4)
  - Vocal/instrument cancel feature with selectable range and pan point
  - Pitch control (-50 % to +16 %)
  - VSA function (tempo control without affecting the key)
  - Key control (to tune the playback sound up or down by 1–6 semitones)
  - Chromatic tuner and oscillator with calibration
  - Metronome
- ▶ 1-Gigabyte SD card included
- ▶ USB 2.0 connection for file transfer to/from computer
- ▶ Rechargeable Lithium-ion battery
- ▶ AC adapter PS-P520 available as an option

- ▶ Portable, handheld recording
- ▶ MP3 and WAV file recording and playback
- ▶ Selectable recording formats:
  - 16-bit, 24-bit WAV
  - 32-, 64-, 96-, 128-, 192-, 256- or 320-KBit/s MP3
- ▶ 48-kHz or 44.1-kHz recording resolution
- ▶ Built-in high-quality stereo condenser microphone
- ▶ Variable-angle microphone mechanism with A/B configuration
- ▶ Switchable low-cut filter (80 Hz or 120 Hz)
- ▶ Analogue auto gain control
- ▶ Analogue limiter to prevent clipping
- ▶ Effects can be applied to the input signal (11 presets and two variable parameters)
- ▶ Overdub feature to add narration, singing or instruments to an existing recording

# DR-1

## Portable Stereo Recorder

### Specifications

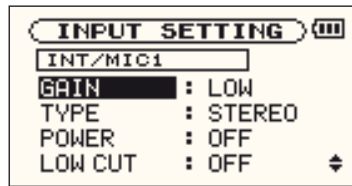
Audio inputs and outputs	
MIC 2 IN input	6.3-mm mono jack, unbalanced
Nominal input level	-50 dBV (>10 kOhm)
Mic input (MIC 1)	3.5-mm stereo jack (switchable phantom power)
Input impedance	30 kOhm
Nominal input level	-64 dBV (HIGH), -48 dBV (LOW)
Line input	3.5-mm stereo jack
Nominal input level	-10 dBV (23 kOhm)
Headphones/Line output	3.5-mm stereo jack
Nominal output level (Line)	-14 dBV
Maximum headphones output	15 mW + 15 mW (at 32 Ohm)

Audio performance (LINE IN > LINE OUT)	
Frequency range	20 Hz to 20 kHz, +1/-3 dB
Distortion	<0.03 %
S/N ratio	>90 dB

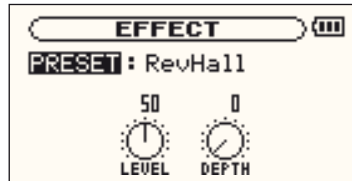
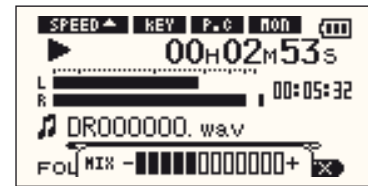
Audio file compatibility	
MP3 files	32-320 KBit/s, 44.1/48 kHz sampling frequency, variable bit rate (playback only), ID3 tag support up to Version 2.4
WAV files	44.1/48 kHz sampling frequency, 16/24-bit resolution
Recording medium	SD card (64 MB-2 GB) or SDHC card (4-32 GB)
File system	FAT16/32

Computer requirements	
Supported operating systems	Windows 2000, XP and Vista, Mac OS X 10.2 or later
Windows	Pentium 300 MHz or faster 128 MB or more memory
Macintosh	POWER PC, iMac, G3, G4 266 MHz or port 64 MB or more memory
USB port	USB 2.0 recommended, 500 mA bus power required
Recommended USB host controller	Intel chipset

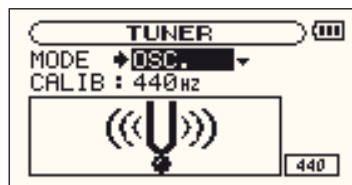
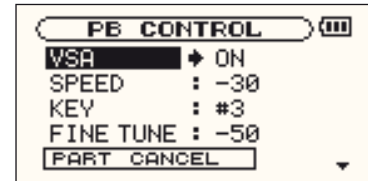
Power supply and other specifications	
Lithium-ion battery	3.7 V, 1800 mAh
Battery life (Recording in MP3 format with the built-in mic)	Approx. 7 hours (varies with operating conditions)
Power consumption	1 W (during MP3 playback)
Dimensions (W x H x D)	70 mm x 135 mm x 27 mm
Weight	0.208 kg (including battery)
Accessories available for purchase	PS-P520 AC adapter, BP-L2 lithium-ion battery, accessory kit (tripod, tripod adapter, microphone stand adapter)



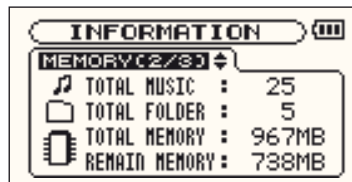
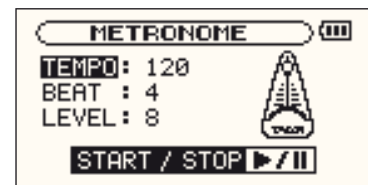
Mikrophone settings; Overdub function (to mix the input with an existing recording)



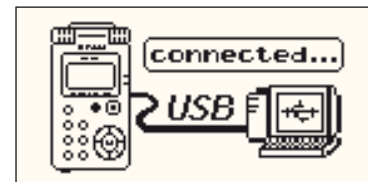
Built-in effects; VSA function for play back tempo and key control



Tuner function (chromatic tuning and oscillator); Metronome



Information on memory, files and folders; USB connection status



Available as an option:  
PS-P520 AC adapter

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