

# Portable Audio Recorder Comparison

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	Roland R-05	Roland R-09HR	Zoom H1	Zoom H2	Sony PCMM10	Tascam DR-07MKII	Tascam DR-1	Tascam DR-2d
								
<b>External Microphone Inputs</b>	1 x (1/8-inch TRS) Stereo	1 x (1/8-inch TRS) Stereo	1 x (1/8-inch TRS) Stereo, Shared with Line In	1 x (1/8-inch TRS)	1 x (1/8-inch TRS)	1 x (1/8-inch TRS) Stereo, Shared with Line In	Mic 1 - 1/8inch TRS Stereo; Mic 2 - 1/4inch Mono	1 x (1/8-inch TRS)
<b>Phantom Power</b>	Plug-in Power on Microphone Input	Plug-in Power on Microphone Input	Plug-in Power on Microphone Input	Plug-in Power on Microphone Input	Plug-in Power on Microphone Input	Plug-in Power on Microphone Input	Plug-in Power on Microphone 1 Input	Plug-in Power on Microphone Input
<b>Internal Microphones</b>	Stereo	Stereo	Stereo XY Condenser	Dual XY Stereo Condenser	Stereo Omni-Directional Electret Condenser	Stereo AB/XY adjustable Electret Condenser	Stereo Electret Condenser	Stereo Electret Condenser
<b>Built-in Speaker</b>	No	Mono	Mono	No	Mono	No	No	Mono
<b>Line Inputs</b>	1 x (1/8-inch TRS) Stereo	1 x (1/8-inch TRS) Stereo	1 x (1/8-inch TRS) Stereo, Shared with Mic In	1 x (1/8-inch TRS) Stereo	1 x (1/8-inch TRS) Stereo	1 x (1/8-inch TRS) Stereo, Shared with Mic In	1 x (1/8-inch TRS) Stereo	1 x (1/8-inch TRS) Stereo
<b>Line Outputs</b>	No	No	1 x (1/8-inch TRS) Stereo, Shared with Headphone Out	1 x (1/8-inch TRS) Stereo, Shared with Headphone Out	1 x (1/8-inch TRS) Stereo, Shared with Headphone Out	1 x (1/8-inch TRS) Stereo, Shared with Headphone Out	1 x (1/8-inch TRS) Stereo, Shared with Headphone Out	1 x (1/8-inch TRS) Stereo, Shared with Headphone Out
<b>Headphone Output</b>	1 x (1/8-inch TRS)	1 x (1/8-inch TRS)	1 x (1/8-inch TRS) Shared with Line Out	1 x (1/8-inch TRS) Shared with Line Out	1 x (1/8-inch TRS) Shared with Line Out	1 x (1/8-inch TRS) Shared with Line Out	1 x (1/8-inch TRS) Shared with Line Out	1 x (1/8-inch TRS) Shared with Line Out
<b>Digital I/O</b>	No	No	No	No	No	No	No	No
<b>Recording Medium</b>	2 GB SD card included/ SDHC	512 MB SD card included/ SDHC	2GB Micro SD card included/ Micro SDHC	512MB SD card included/ SDHC	4GB Built-in memory, M2™/ micro SD	2 GB Micro SD card included/ Micro SDHC	2GB SD card included/ SDHC	2GB SD card included/ SDHC
<b>Max Memory Capacity (GB)</b>	32 SD, 32 SDHC	8 SD, 32 SDHC	16 microSD, 32 micro SDHC	2 SD, 32 SDHC	16 M2™, 16 micro SD	2 microSD, 32 micro SDHC	2 SD, 32 SDHC	2 SD, 32 SDHC
<b>Recording Formats</b>	Wav, MP3	Wav, MP3	Wav, MP3	Wav, MP3	Wav, MP3	Wav, MP3	Wav, MP3	Wav, MP3
<b>Max Sampling Rate/Frequency (kHz)</b>	Wav: 96, MP3: 48	Wav: 96, MP3: 48	Wav: 96, MP3: 44.1	Wav: 48, MP3: 44.1	Wav: 96, MP3: 44.1	Wav: 96, MP3: 44.1	Wav: 48, MP3: 48	Wav: 48, MP3: 48
<b>Max Sample Size/ Bit depth (bits)</b>	Wav: 24	Wav: 24	Wav: 24	Wav: 24	Wav: 24	Wav: 24	Wav: 24	Wav: 24
<b>Max MP3 Bit Rate (kbps)</b>	MP3: 320	MP3: 320	MP3: 320	MP3: 320	MP3: 320	MP3: 320	MP3: 320	MP3: 320
<b>Record Level</b>	Automatic & Manual Gain Control	Automatic & Manual Gain Control	Automatic & Manual Gain Control	Automatic & Manual Gain Control	Automatic & Manual Gain Control	Automatic & Manual Gain Control	Automatic & Manual Gain Control	Automatic & Manual Gain Control
<b>Low Cut Filter</b>	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
<b>Date / Time</b>	Internal Real-time Clock	Internal Real-time Clock	Internal Real-time Clock	Internal Real-time Clock	Internal Real-time Clock	Internal Real-time Clock	Internal Real-time Clock	Internal Real-time Clock
<b>Interface</b>	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0	USB 2.0
<b>Power Source</b>	2 x "AA" Alkaline or NiMH/ AC adaptor optional	2 x "AA" Alkaline or NiMH/ AC adaptor included	1 x "AA" Alkaline or NiMH/ AC adaptor optional	2 x "AA" Alkaline or NiMH/ AC adaptor included	2 x "AA" Alkaline or NiMH/ AC adaptor optional	2 x "AA" Alkaline or NiMH/ AC adaptor optional	Rechargeable Lithium-ion/ AC adaptor optional	2 x "AA" Alkaline or NiMH/ AC adaptor optional
<b>Battery Life (Hours) continuous recording with Int. Mic &amp; alkaline batteries</b>	16	4.5	10	4	19	17.5	7	6
<b>Remote Control</b>	No	Wireless, included	No	No	Wired, included	No	No	Wireless, included
<b>Tripod Mount</b>	Yes	No	Yes	Yes	Yes	Yes	No	Yes
<b>Weight (g)</b>	140	174	60	110	187	125	208	140
<b>Dimensions (H x W x D)(mm)</b>	25 x 60 x 103	27 x 62 x 112.9	31 x 44 x 136	32 x 63.5 x 110	22 x 62 x 114	26 x 55 x 141	27 x 70 x 153	24 x 65 x 118
<b>Advantages</b>	Save Files in Directory and Folder Structure, Reverb Processor for playback, File split during recording	Save Files in Directory and Folder Structure, Reverb Processor for playback, File split during recording	Size, Ease of use, Track marker function, Optional accessory package	4 Ch mode recording, Create 5.1 surround recordings, Flexible polar patterns, Functions as USB Mic, File splitting, Normalizing, Tuner, Metronome	Extremely convenient folder-structure, Track marker function, Digital limiter, Cross-memory recording	On-board FX, Overdub feature, Built-in Tuner, Adjustable microphone angle, Divide function splits files	On-board FX, Metronome, Built-in Tuner, Vocal cancel features, Overdub feature, Adjustable microphone angle	Dual recording mode, Metronome, On-board FX, Overdub feature, On-board FX, Divide function splits files
<b>Recommended Retail* (incl. VAT)</b>	R 3,999	R 5,499	R 1,400	R 3,000	R 5,358	R 3,990	R 5,130	R 5,586
<b>More Options</b>								

Equipment specifications are subject to change, contact Blue Cow for latest pricing, updates and availability  
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\* Recommended Retail Price updated 07/09/11  
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