

Portable Audio Recorder Comparison

Click on the images to visit manufacturer's website

| | Roland R-05 | Roland R-09HR | Zoom H1 | Zoom H2 | Sony PCMM10 | Tascam DR-07MKII | Tascam DR-1 | Tascam DR-2d |
|---|--|--|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |  |
| External Microphone Inputs | 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) |
| Phantom Power | 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 |
| Internal Microphones | 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 |
| Built-in Speaker | No | Mono | Mono | No | Mono | No | No | Mono |
| Line Inputs | 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 |
| Line Outputs | 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 |
| Headphone Output | 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 |
| Digital I/O | No | No | No | No | No | No | No | No |
| Recording Medium | 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 |
| Max Memory Capacity (GB) | 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 |
| Recording Formats | Wav, MP3 | Wav, MP3 | Wav, MP3 | Wav, MP3 | Wav, MP3 | Wav, MP3 | Wav, MP3 | Wav, MP3 |
| Max Sampling Rate/Frequency (kHz) | 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 |
| Max Sample Size/ Bit depth (bits) | Wav: 24 | Wav: 24 | Wav: 24 | Wav: 24 | Wav: 24 | Wav: 24 | Wav: 24 | Wav: 24 |
| Max MP3 Bit Rate (kbps) | MP3: 320 | MP3: 320 | MP3: 320 | MP3: 320 | MP3: 320 | MP3: 320 | MP3: 320 | MP3: 320 |
| Record Level | 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 |
| Low Cut Filter | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Date / Time | 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 |
| Interface | USB 2.0 | USB 2.0 | USB 2.0 | USB 2.0 | USB 2.0 | USB 2.0 | USB 2.0 | USB 2.0 |
| Power Source | 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 |
| Battery Life (Hours) continuous recording with Int. Mic & alkaline batteries | 16 | 4.5 | 10 | 4 | 19 | 17.5 | 7 | 6 |
| Remote Control | No | Wireless, included | No | No | Wired, included | No | No | Wireless, included |
| Tripod Mount | Yes | No | Yes | Yes | Yes | Yes | No | Yes |
| Weight (g) | 140 | 174 | 60 | 110 | 187 | 125 | 208 | 140 |
| Dimensions (H x W x D)(mm) | 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 |
| Advantages | 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 |
| Recommended Retail* (incl. VAT) | R 3,999 | R 5,499 | R 1,400 | R 3,000 | R 5,358 | R 3,990 | R 5,130 | R 5,586 |
| More Options |  |  |  |  |  |  | | |

Equipment specifications are subject to change, contact Blue Cow for latest pricing, updates and availability
blue_cow // recorder comparison Tel: +27 21 558 5684 / +27 82 9 365 364

* Recommended Retail Price updated 07/09/11
e-mail: info@bluecow.co.za