Roland R-07-RD Portable Audio Recorder/Red

I racks	2 (stereo) 4 (stereo x2) * WAV x 2 recording mode only
Signal Processing	AD/DA conversion: 24 bits. 44.1/48/88.2/96 kHz
Data lype	[For Recording]' Stereo only WAVE: Sampling Rate: 44.V48/88.2/96 kHz Bit Depth: 16/24 bits MP3 (MPEG-1 Audio Layer 3): Sampling Rate: 44.1/48 kHz Bit Rates: 64/96/128/160/192/224/320 kbps WAVE + MP3: Sampling Rate: 44.1/48 kHz Bit Depth: 16 bits Bit Rates: 128 kbps WAVE x 2: Sampling Rate: 44.1/48 kHz Bit Depth: 16/24 bits [For Playback] WAVE: Sampling Rate: 32/44.V48/88.2/96 kHz Bit Depth: 16/24 bits MP3 (MPEG-1 Audio Layer 3): Sampling Rate: 32/44.V48 kHz Bit Rates: 32-320 kbps or VBR (Variable Bit Rato)
INPUT/OUTPUT	
Audio Inputs	Internal Stereo Microphone MIC/AUX IN (Stereo miniature phono type, plug-in powered mic) 'The Internal Mic and the MIC/AUX IN cant be used at the same time; only the MIC/AUX IN is effective.
Audio Output	Phones (Stereo miniature phone typo) Internal Speaker for playback (monaural) 'The Internal Speaker and the Phones cant be used at the same time; only the Phones is effective.
Nominal Input Level (Variable)	MIC/AUX IN: -31 dBu (Default input level) ' 0 dBu ~ 0.775 Vrms
Input Impedance	MIC/AUX IN: 4.5 k ohms
Output Level	3 mW + 3 mW (In case 16 ohms load)
Recommended Load Impedance	16 ohms or greater
Frequency Response	20 Hz - 40 kHz (+-3 dB)
USB Interface	USB port USB Micro-B type support USB 2.0/1.1 mass storage device class
EFFECTS	
Effects	Pkiybock only. Excludes playback in 88.2 kHz or 96 kHz. Reverb and Speed Change can't be used at the same time.
Reverb	4 types (Hall. Hall2. Room. Plate)
Speed Change	50 -150 % of playback speed
OTHER	
Display	Graphic LCD 128 x 64 dots (white backlit)
Power Supply	Alkaline battery (AA. LR6) x 2. or Rechargeable Ni-MH battery (AA. HR6) x 2. or Supplied from the computer via USB
Current Draw	350 mA (MAX)
Duration of continuous use with Alkaline	Playback: Approximately 15 hours
battery operation	Recording: Approximately 15 hours * This can vary depending on the specifications of the batteries, capacity of the batteries, and the conditions of use.
Accessories	Leaflet 'Read Me First" Owner's manual microSD card (inserted in the R-07) Batteries (two AA)
Options	Microphone Stand Adaptor OP-MSA1 Binaural Microphones/Earphones: CS-10EM Stereo Microphone: CS-15S