

Recording Media	SD card (64MB to 2GB), SDHC card (4GB to 32GB), SDXC card (up to 128GB)
File System	FAT16/32, exFAT
Recording File Format	
<b>WAV / BWF</b>	
Sampling Frequency	44.1k / 48k / 96k Hz
Bit-depth	16 / 24-bit
<b>MP3</b>	
Sampling Frequency	44.1k / 48k Hz
Recording Bit-rate	32k / 64k / 96k / 128k / 192k / 256k / 320k bps
Playback Bit-rate	32k to 320k bps, VBR, ID3TAG Ver. 2.4
Number of Channels	4-channel (2 Stereo)
Playback speed control	0.5 to 1.5 times (in 0.1 increments) * 44.1k/48kHz only
Built-in Microphone	Unidirectional, Stereo (switchable between A-B and X-Y positions)
<b>EXT MIC/LINE IN</b>	
Connector	XLR/TRS Combo jack (1: GND, 2: HOT, 3: COLD)
Nominal Input Level	-19dBV (MIC) / +4dBu (LINE)
Maximum Input Level	-3dBV (MIC) / +20dBu (LINE)
Input Impedance	2.2k $\Omega$ (MIC) / 10k $\Omega$ (LINE)
<b>PHONES/LINE OUT</b>	
Connector	1/8" (3.5mm) Stereo Mini jack (Unbalanced)
<b>for LINE connection</b>	
Nominal Output Level	-14dBV (10k $\Omega$ load)
Maximum Output Level	+2dBV (10k $\Omega$ load)
Output Impedance	12 $\Omega$
<b>for Headphones connection</b>	
Maximum Output Power	20mW + 20mW (32 $\Omega$ load)
<b>USB</b>	
Connector	USB Micro B-type
Format	USB2.0 HIGH SPEED
Built-in Speaker	0.3W, Mono
Low-cut Filter	40 / 80 / 120Hz
Chromatic Tuner	C1 to B6, A4 = 435Hz to 445Hz (in 1Hz increments)
Effector	6 presets (Hall 1, Hall 2, Room, Studio, Plate 1, Plate 2)

Tripod attachment screw-hole	1/4" Tripod attachment screw-hole
Power	3 AA Batteries, USB bus power, AC 100 to 240V (optional AC Adapter)
Power Consumption	2.5 W (Max)
Battery Operation Time (Recording)	
Alkaline (EVLTA)	approx. 18 hours (2ch WAV, 44.1kHz, 16-bit, using Built-in Microphone, JEITA)
Ni-MH (eneloop)	approx. 16 hours (2ch WAV, 44.1kHz, 16-bit, using Built-in Microphone, JEITA)
Dimensions (W x H x D)	2.75" x 6.1" x 1.37" / 70 x 155 x 35 mm
Weight	8.3 oz. / 213 g

## Audio Performance

Frequency Response	
Fs 44.1kHz	20Hz to 20kHz, +1/-3dB (EXT IN to LINE OUT, JEITA)
Fs 48kHz	20Hz to 22kHz, +1/-3dB (EXT IN to LINE OUT, JEITA)
Fs 96kHz	20Hz to 40kHz, +1/-3dB (EXT IN to LINE OUT, JEITA)
Total Harmonic Distortion	0.05% or less (Fs 44.1k/48k/96kHz, EXT IN to LINE OUT, JEITA)
Signal-to-Noise Ratio	92 dB or higher (Fs 44.1k/48k/96kHz, EXT IN to LINE OUT, JEITA)

## Computer Requirements

Windows	
Computer	Windows PC with USB2.0 or USB3.0 port
CPU	Dual Core, 2GHz or faster (x86)
Memory	2GB or more
Macintosh	
CPU	Power PC, iMac, G3, G4, G5 266MHz or faster
Memory	64MB or more
USB	USB2.0 recommended