

Specs:

Recording Media	
SD Card:	16MB to 2GB
SDHC Card:	4GB to 32GB
SDXC Card:	64GB to 128GB
INPUTS	
XYH-6 X/Y mic:	Mic type: Unidirectional Sensitivity: -41 dB, 1 kHz at 1 Pa Input gain: $-\infty$ to 46.5 dB Max sound pressure input: 136 dB SPL
XYH-6 MIC/LINE IN:	Connector: 1/8" stereo mini jack Input level: $-\infty$ to 46.5 dB Input impedance: 2 k Ω Plug-in power: 2.5V supported
MSH-6 MS mic:	Mic types: Unidirectional and bi-directional Sensitivity: -37 dB, 1 kHz at 1 Pa (unidirectional) -39 dB, 1 kHz at 1 Pa (bi-directional) Input gain: $-\infty$ to 42.5 dB Max sound pressure input: 120 dB SPL (unidirectional) 122 dB SPL (bi-directional)
INPUTS 1 to 4:	MicConnectors: XLR / TRS combo jacks (XLR: Pin 2 hot / TRS: Tip hot) MicInput gain: (PAD OFF) $-\infty$ to 55.5 dB MicInput gain: (PAD ON) $-\infty$ to 35.5 dB MicInput impedance: 1.8k Ω or more MicMax input level: +22 dBu (PAD ON) MicPhantom power: +12V /+24V /+48V (Phantom power can be turned on/off independently for Inputs 1 - 4) MicEquivalent Input Noise (EIN): -120 dBu or less
OUTPUTS	
LINE OUT:	Jack type: 1/8" stereo mini jack Rated Output Level: -10 dBu when output load impedance is 10k Ω or more
PHONE OUT:	Jack type: 1/8" stereo mini jack Output Level: 20 W +20 W into 32 Ω load
Built-in speaker:	400mw 8 Ω mono speaker
RECORDING FORMATS	
WAV:	Sampling frequency: 44.1/48/96 kHz Bit rate: 16/24 (Mono/Stereo, BWF-compliant)

Recording Media	
	Maximum simultaneous recording tracks: 8 (L/R + INPUT 1 to 4 + L/R backup) (Backup recording: -12dB lower than set L/R input gain)
MP3:	Sampling frequency: 44.1kHz Bit Rate: 48/56/64/80/96/112/128/160/192/224/256/320kbps Maximum simultaneous recording tracks: 2
Display	
LCD Screen:	2.0-inch full color LCD (320 x 240 pixels)
USB	
Mass Storage Class operation:	Class: USB2.0 High Speed
Audio Interface operation: Multi-track mode:	Class: USB2.0 High Speed Inputs / Outputs: 6 / 2 Sampling frequency: 44.1/48kHz/96kHz Bit rate: 16/24 bit USB bus powered operation possible
POWER REQUIREMENTS	
	AA size (LR6) battery x 4 Alkaline or NiMH type AC adapter: AD-17 (DC5V/1A/USB-type) (optional) USB bus power
BATTERY LIFE	
	Battery life (with alkaline battery, continuous recording) Over 20 hours
DIMENSIONS AND WEIGHT	
	H6: 77.8mm (W) x 152.8mm (D) x 47.8mm (H), 280g XYH-6: 78.9mm (W) x 60.2mm (D) x 45.2mm (H), 130g MSH-6: 58.0mm (W) x 67.6mm (D) x 42.1mm (H), 85g