

# H6 Handy Recorder Specifications

Recording media	Cards that support SD/SDHC/SDXC specifications		
Inputs	L/R inputs	<b>XY mic (XYH-6)</b>	
		Mic type Directional	
		Sensitivity $-41$ dB, 1 kHz at 1 Pa	
		Input gain $-\infty$ to 46.5 dB	
		Maximum sound pressure input 136 dB SPL	
		MIC/LINE IN stereo mini jack	Input gain: $-\infty$ to 46.5 dB
			Input impedance: 2 k $\Omega$
		Plug-in power: 2.5V supported	
	INPUTS 1 – 4	Backup input	Set input gain $-12$ dB
		Connectors	XLR/TRS combo jacks (XLR: 2 hot, TRS: TIP hot)
		Input gain (PAD OFF)	$-\infty$ to 55.5 dB
		Input gain (PAD ON)	$-\infty$ to 35.5 dB
		Input impedance	1.8 k $\Omega$ or more
		Maximum allowable input level	+22 dBu (PAD ON)
Phantom power		+12/+24/+48V (can be turned ON/OFF independently for INPUTS 1–4)	
	Equivalent input noise (EIN)	$-120$ dBu or less	
Outputs	Output jack	LINE OUT stereo mini jack (rated output level $-10$ dBu when output load impedance is 10 k $\Omega$ ) PHONE OUT stereo mini jack (20 mW + 20 mW into 32 $\Omega$ load)	
	Built-in speaker	400 mW/8 $\Omega$ mono speaker	
Recording formats	<b>WAV setting</b>		
	Supported formats	44.1/48/96kHz, 16/24-bit, mono/stereo, BWF format	
	Maximum simultaneous recording tracks	8 tracks (6 tracks + backup stereo recording)	
	<b>MP3 setting</b>		
	Supported formats	48–320 kbps	
	Maximum simultaneous recording tracks	2 tracks	
Recording time	<b>With 2GB card</b>		
		3:08:00 (44.1kHz/16-bit WAV) 34:43:00 (128kbps MP3)	
Display	2" full-color LCD (320 x 240)		

USB	<b>Mass storage class operation</b>	
	Class: USB 2.0 High Speed	
	<b>Audio interface operation: multi track mode (Note: Use with Windows requires a driver, but Macintosh does not)</b>	
	Class: USB 2.0 High Speed	
	Specifications: 6 in/2 out, 44.1/48kHz/96kHz sampling rate, 16/24-bit bit rate	
	<b>Audio interface operation: stereo mode</b>	
	Class: USB 2.0 Full Speed	
	Specifications: 2 in/2 out, 44.1/48kHz sampling rate, 16-bit bit rate	
Note: Use as an iPad audio interface supported (stereo mode only)		
Note: USB bus power operation possible		
Approximate continuous recording times when using battery power (in hours and minutes)	Recording mode	Alkaline batteries
	XY mic, 44.1kHz/16-bit (stereo x 1) XY mic and Inputs 1, 2, 3 and 4 used, 96kHz/24-bit (stereo x 3) Note: The above times are estimates. Note: Approximate continuous recording times when using battery power were calculated using our own testing method. They may differ greatly depending on operating conditions.	21:00 09:45
Power	Operating using 4 AA batteries	
	AC adapter: DC5V 1A AD-17	
	USB bus power	
Dimensions	Main unit: 77.8 mm (W) x 152.8 mm (D) x 47.8 mm (H), 280 g	
	XYH-6: 78.9 mm (W) x 60.2 mm (D) x 45.2 mm (H), 130 g	

Note: When using a USB cable designed for recharging, SD card reader and audio interface functions cannot be used.