

# H8 Handy Recorder Specifications

Recording media	Cards that support SD/SDHC/SDXC specifications			
XY mic (XYH-6)	Mic type	Directional		
	Sensitivity	-41 dB, 1 kHz at 1 Pa		
	Input gain	-∞ to 46.5 dB		
	Maximum sound pressure input	136 dB SPL		
	MIC/LINE IN stereo mini jack	Input gain: -∞ to 46.5 dB Input impedance: 2 kΩ Plug-in power: 2.5 V supported		
Inputs	MIC IN	Backup input	Set input gain -12 dB	
	INPUTS 1 - 4	Connectors	XLR jack (pin 2 hot)	
		Input gain	-30 - 55.5 dB (-20 dB with PAD)	
		Input impedance	2 kΩ or more	
		Maximum allowable input level	+24.0 dBu (PAD ON)	
		Phantom power	+24 V/+48 V (independent ON/OFF for INPUTS 1-4)	
		Equivalent input noise (EIN)	-123.5 dBu or less (A-wt)	
	INPUTS A, B	Connectors	XLR/TRS combo jacks (XLR: 2 hot, TRS: TIP hot)	
		Input gain	-30 to 55.5 dB	
		Input impedance	7 kΩ or higher (Hi-Z (TS) is 300 kΩ or higher)	
		Maximum allowable input level	+4.0 dBu (Hi-Z (TS) is -2.0 dB)	
		Phantom power	+24 V/+48 V (independent ON/OFF for INPUTS A and B)	
		Equivalent input noise (EIN)	-123.5 dBu or less (A-wt)	
	Outputs	Output jack	LINE OUT (stereo mini jack)	Rated output level: -10 dBu when output load impedance is 10 kΩ or more
PHONE OUT (stereo mini jack)			Maximum output level: 20 mW + 20 mW into 32 Ω load	
Built-in speaker		400 mW/8 Ω mono speaker		
Recording formats	FIELD	<b>WAV setting</b>		
		Supported formats	44.1/48/96 kHz, 16/24-bit, mono/stereo, BWF format	
		Maximum simultaneous recording tracks	12 tracks (MIC IN, backup recording, 1-4, A, B, and LR)	
		<b>MP3 setting</b>		
		Supported formats	128, 192, 320 kbps	
		Maximum simultaneous recording tracks	2 tracks	
	MUSIC	<b>WAV setting</b>		
		Supported formats	44.1/48 kHz, 16/24-bit, mono/stereo, BWF format	
		Maximum simultaneous recording tracks	8 tracks (MIC IN, 1-4, A, B)	
	PODCAST	<b>WAV setting</b>		
		Supported formats	44.1/48 kHz, 16/24-bit, mono/stereo, BWF format	
		Maximum simultaneous recording tracks	10 tracks (MIC IN, backup recording, 1, 2, A, B, and LR)	
<b>MP3 setting</b>				
Supported formats		128, 192, 320 kbps		
Maximum simultaneous recording tracks		2 tracks		
Recording time	<b>With 32GB card</b> 50:08:00 (44.1 kHz/16-bit WAV) 555:28:00 (128 kbps MP3)			

Tuner	Chromatic/Guitar/Bass/Open A/Open D/Open E/Open G/DADGAD
Display	2.4" (320×240) full-color touchscreen LCD
USB	<p>USB Micro-B</p> <p><b>Mass storage class operation</b> USB2.0 High Speed</p> <p><b>Guitar Lab connection function</b> USB1.1 Full Speed</p> <p><b>Audio interface operation: multi track mode</b> <b>(Note: Use with Windows requires a driver, but Macintosh does not)</b> USB2.0 High Speed 12in/2out, 44.1/48/96 kHz, 16/24-bit</p> <p><b>Audio interface operation: stereo mode</b> USB2.0 Full Speed 2in/2out, 44.1/48 kHz, 24-bit</p> <p>Note: Use as an iPad audio interface supported (stereo mode only) Note: Use a USB cable that supports data transfer. USB bus power is supported.</p>
REMOTE	ZOOM BTA-1 or other dedicated wireless adapter
Estimated continuous operation time using batteries (hours: minutes)	<p>Using alkaline batteries Using XY mic, 44.1 kHz/24-bit (stereo × 1): about 10:00</p> <ul style="list-style-type: none"> <li>• The above values are approximate.</li> <li>• Continuous battery operation times were determined using in-house testing methods. They will vary greatly according to use conditions.</li> </ul>
Power	<ul style="list-style-type: none"> <li>• 4 AA batteries (alkaline, NiMH or lithium)</li> <li>• AC adapter (ZOOM AD-17): DC 5 V/1 A</li> <li>• USB bus power</li> </ul>
External dimensions	<p><b>H8:</b> 116.4 mm (W) × 163.3 mm (D) × 48.6 mm (H)</p> <p>XYH-6: 78.9 mm (W) × 60.2 mm (D) × 45.2 mm (H)</p>
Weight	<p><b>H8:</b> 354 g</p> <p>XYH-6: 130 g</p>