

Comparaison spécifications techniques ZOOM F8n / F8

		ZOOM F8n	ZOOM F8	
RECORDING MEDIA	Dual SD card slot supports:	16 MB–2 GB SD cards 4 GB–32 GB SDHC cards 64 GB–512 GB SDXC cards	16MB–2GB SD cards. 4GB–32GB SDHC cards 64GB–512GB SDXC cards	
INPUTS: 1-8	Connectors:	XLR/TRS combo jacks (XLR: 2 hot, TRS: TIP hot)	XLR/TRS combo jacks (XLR: 2 hot, TRS: TIP hot)	
INPUTS: XLR (MIC)	Input gain:	+10 – +75 dB	+10 – +75 dB	
	Input impedance:	3.3 kΩ	2 kΩ	
	Maximum input level:	+14 dBu (at 0 dBFS, limiter ON)	+14 dBu (at 0 dBFS, limiter ON)	
	Phantom power:	+24/+48V 10 mA maximum for each channel	+24/+48V 10mA maximum for each channel	
	THD (Total Harmonic Distortion):	0.009% max (1kHz, 22Hz-22kHz BW, Input Gain min, -10dBu input)		
INPUTS: TRS (LINE)	Input gain:	–10 – +55 dB	-10 – +55 dB	
	Input impedance:	28 kΩ	2.6 kΩ	
	Maximum input level:	+34 dBu (at 0 dBFS, limiter ON)	+24 dBu (at 0 dBFS, limiter ON)	
	THD (Total Harmonic Distortion):	0.010% max (1kHz, 22Hz-22kHz BW, Input Gain min +10dBu input)		
INPUTS: ADDITIONAL INFO	Equivalent input noise:	–127 dBu or less (A-weighted, +75 dB input gain, 150Ω input)	–127 dBu or less (A-weighted, +75dB input gain, 150Ω input)	
	Frequency characteristics:	10 Hz – 80 kHz +0.5 dB/–1 dB (192 kHz sampling rate)	10 Hz – 80 kHz +0.5dB/–1dB (192kHz sampling rate)	
	A/D dynamic range:	120 dB typ (–60 dBFS input, A-weighted)	120 dB typ (–60dBFS input, A-weighted)	
	Crosstalk:	–90 dB or less (between adjacent channels, 1 kHz)	–90 dB or less (between adjacent channels, 1kHz)	
	MIC IN:	ZOOM mic capsule input (use disables Inputs 1/2)	ZOOM mic capsule input. (use disables Inputs 1/2)	
	SLATE MIC:	Built-in mic for voice memos can freely be assigned to tracks	Built-in mic for voice memos can be assigned to tracks freely	
OUTPUTS: MAIN OUT 1/2	Connectors:	TA3 connectors, balanced output (2: hot)	TA-3 connectors, balanced output (2: hot)	
	Output impedance:	150 Ω or less	150 Ω or less	
	Reference output level:	–10 dBV (Normal Output Type), –40 dBV (Mic Output Type), 1 kHz, 600Ω load	–10 dBV (normal output level), +4 dBu (Output Level: Line), 1 kHz, 600Ω load	
	Maximum output level:	+10 dBV (Normal Output Type), –20 dBV (Mic Output Type), 1 kHz, 600Ω load	+10 dBV (normal output level), +24 dBu (Output Level: Line), 1 kHz, 600Ω load	
OUTPUTS: SUB OUT 1/2	Connector:	3.5mm stereo mini unbalanced output jack	3.5mm stereo mini unbalanced output jack	
	Output impedance:	100 Ω or less	100 Ω or less	
	Reference output level:	–10 dBV (Normal Output Type), –40 dBV (Mic Output Type), 1 kHz, 10kΩ load	–10 dBV (normal output level), –40 dBV (mic output level), 1 kHz, 10kΩ load	
	Maximum output level:	+10 dBV (Normal Output Type), –20 dBV (Mic Output Type), 1 kHz, 10kΩ load	+10 dBV (normal output level), –20 dBV (mic output level), 1 kHz, 10kΩ load	
HEADPHONE	Connector:	1/4" unbalanced stereo output jack	1/4" unbalanced stereo output jack	
	Output impedance:	15 Ω or less	15 Ω or less	
	Maximum output level:	100 mW + 100 mW (32Ω load)	100mW + 100mW (32Ω load)	
D/A	D/A dynamic range:	106 dB typical (–60 dBFS input, A-weighted)	106 dB typ (–60dBFS input, A-weighted)	
RECORDING FORMATS: WHEN WAV SELECTED	Supported formats:	44.1/47.952/48/48.048/88.2/96/192 kHz, 16/24-bit, mono/stereo/2-10 ch poly, BWF and iXML	44.1/47.952/48/48.048/88.2/96/192kHz, 16/24-bit, mono/stereo//2-10ch poly, BWF and iXML	
	Maximum simultaneous recording tracks:	10 (8 inputs + stereo mix) 8 (with 192 kHz sampling rate)	10 (8 inputs + stereo mix) 8 (at 192kHz sampling rate)	
RECORDING FORMATS: WHEN MP3 SELECTED	Supported formats:	128/192/320 kbps, 44.1/48 kHz, ID3v1 tags	128/192/320kbps, 44.1/48kHz, ID3v1 tags	
	Maximum simultaneous recording tracks:	2	2	
RECORDING TIME	Using a 32GB card:	30:51:00 (48 kHz/24-bit stereo WAV) 7:42:00 (192 kHz/24-bit stereo WAV)	30:51:00 (48 kHz/24-bit stereo WAV) 7:42:00 (192 kHz/24-bit stereo WAV)	

TIME CODE	Connector:	BNC	BNC	
	Modes:	Off, Int Free Run, Int Record Run, Int RTC Run, Ext, Ext Auto Rec (audio clock can be synchronized to timecode)	Off, Int Free Run, Int Record Run, Int RTC Run, Ext, Ext Auto Rec (audio clock can be synchronized to timecode)	
	Frame rates:	23.976ND, 24ND, 25ND, 29.97ND, 29.97D, 30ND, 30D	23.976ND, 24ND, 25ND, 29.97ND, 29.97D, 30ND, 30D	
	Precision:	±0.2 ppm	±0.2 ppm	
	Supported input levels:	0.2 – 5.0 Vpp	0.2 – 5.0 Vpp	
	Input impedance:	4.6 kΩ	4.6 kΩ	
	Output level:	3.3 Vpp	3.3 Vpp	
	Output impedance:	50 Ω or less	50 Ω or less	
POWER SUPPLIES	Batteries:	8 AA	8 AA	
	AC adapter:	AD-19 DC12V 2A (center plus)	AC adapter: AD-19 DC12V 2A (center plus)	
	External DC power supply:	HIROSE HR10A-7R-4S 4-pin connector (1 pin: –, 4 pin: +), 9–16 V	HIROSE HR10A-7R-4S 4-pin connector (1 pin: –, 4 pin: +), 9–18 V	
Power consumption:			15 W	
CONTINUOUS RECORDING TIME: WHEN RECORDING 2 CHANNELS AT 48KHZ/16-BIT WITHOUT HEADPHONES	Alkaline batteries:	8.5 hours or more	6 hours or more	CONTINUOUS RECORDING TIME WHEN RECORDING 2 CHANNELS AT 48KHZ/16-BIT TO SD1 WITH MAIN/ SUB OUT OFF, TIME CODE OFF, LED/ LCD BRIGHTNESS 5, 32Ω HEAD- PHONES, PHANTOM OFF
	NiMH (2450mAh):	10 hours or more	8.5 hours or more	
	Lithium batteries:	12.5 hours or more	12 hours or more	
CONTINUOUS RECORDING TIME: WHEN RECORDING 8 CHANNELS AT 48KHZ/24-BIT WITH HEADPHONES	Alkaline batteries:	4.5 hours or more	3.5 hours or more	CONTINUOUS RECORDING TIME WHEN RECORDING 8 CHANNELS AT 48KHZ/24-BIT TO SD1 WITH MAIN/ SUB OUT OFF, TIME CODE OFF, LED/ LCD BRIGHTNESS 5, 32Ω HEAD- PHONES, PHANTOM OFF
	NiMH (2450mAh):	6 hours or more	6 hours or more	
	Lithium batteries:	8.5 hours or more	8 hours or more	
CONTINUOUS RECORDING TIME: WHEN RECORDING 8 CHANNELS AT 192KHZ/24-BIT WITH HEADPHONES, PHANTOM POWER AND DISPLAY BACKLIGHTING	Alkaline batteries:	1 hour or more	1 hour or more	CONTINUOUS RECORDING TIME WHEN RECORDING 8 CHANNELS AT 192KHZ/24-BIT TO SD1 WITH MAIN/ SUB OUT ON, TIME CODE INT FREE RUN, LED/LCD BRIGHTNESS 60, 32Ω HEADPHONES, PHANTOM 48V
	NiMH (2450mAh):	2 hours or more	2 hours or more	
	Lithium batteries:	3 hours or more	3 hours or more	
DISPLAY	2.4" full-color LCD:	320x240	320x240	
USB: MASS STORAGE OPERATION	Class:	USB 2.0 High Speed	USB 2.0 High Speed	
USB: MULTITRACK AUDIO INTERFACE OPERATION (DRIVER REQUIRED FOR WINDOWS, NOT REQUIRED FOR MAC)	Class:	USB 2.0 High Speed	USB 2.0 High Speed	
	Specifications:	44.1/48/96 kHz, 16/24-bit, 8-in/4-out	44.1/48/88.2/96kHz sampling rate, 16/24-bit , 8 in/4 out	
USB : STEREO MIX AUDIO INTERFACE OPERATION (NO DRIVER REQUIRED)	Class:	USB 2.0 Full Speed	USB 2.0 Full Speed	
	Specifications:	44.1/48 kHz, 16-bit, 2-in/2-out	44.1/48kHz sampling rate, 16-bit , 2 in/2 out	
		Note: iPad audio interface operation supported (Stereo Mix mode only)		
EXTERNAL DIMENSIONS	Main unit:	7.0 in. (W) × 5.5 in. (D) × 2.1 in. (H) 178.2 mm (W) × 140.3 mm (D) × 54.3 mm (H)	7.0 in. (W) × 5.5 in. (D) × 2.1 in. (H) 178.2 mm (W) × 140.3 mm (D) × 54.3 mm (H)	
WEIGHT	Main unit only:	2.1 pounds (960 g)	2.1 pounds (960 g)	