

F3 Field Recorder Specifications

Input and output channels	Inputs	MIC/LINE (mono)	2
	Outputs	LINE OUT	1
		PHONE OUT	1
Inputs	MIC/LINE (mono)	Connectors	2 XLR (2: HOT)
		Input gain	Adjustment unnecessary (dual AD converter circuits used)
		Input impedance	MIC: 3 k Ω or more LINE: 3 k Ω or more
		Maximum input level	MIC: +4 dBu LINE: +24 dBu
		Phantom power	+24/48 V Combined channel total of 10 mA or less
		Equivalent input noise	-127 dBu or less (IHF-A) when waveform magnification is $\times 1024$ with 150 Ω input
Outputs	LINE OUT	Connector	1 stereo mini jack
		Maximum output level	+1 dBu
		Output impedance	100 Ω or less
	PHONE OUT	Connector	1 stereo mini jack
		Maximum output level	50 mW + 50 mW (into 32 Ω load)
		Output impedance	15 Ω or less
Recorder		Maximum simultaneous recording tracks	2
		Maximum simultaneous playback tracks	2
		Recording format	WAV 44.1/48/ 88.2/96/192 kHz, 32-bit float mono/stereo BWF and iXML formats supported
		Recording media	4 - 32 GB cards compatible with the microSDHC specification 64 GB - 1 TB cards compatible with the microSDXC specification
Display			LCD with backlight (96 \times 64 resolution)

USB	Connector	USB Type-C • Use a USB cable that supports data transfer. USB bus power is supported.
	Audio interface operation	USB2.0 High Speed 44.1/48/88.2/96 kHz, 24-bit 2-in/2-out
	Mass storage operation	USB 2.0 High Speed
REMOTE		Dedicated wireless adapter (ZOOM BTA-1)
Power		2 AA batteries (alkaline, NiMH or lithium) AC adapter (ZOOM AD-17): DC 5 V/1 A • USB bus power is supported.
Estimated continuous operation time using batteries • The values are approximate. • Continuous battery operation times were determined using in-house testing methods. They will vary greatly according to use conditions.	48 kHz/32-bit float, 2ch recording to microSDHC card (without headphones, PHANTOM off, LCD Backlight off)	Alkaline batteries: about 8 hours NiMH batteries (1900 mAh): about 8.5 hours Lithium batteries: about 18 hours
	48 kHz/32-bit float, 2ch recording to microSDHC card (headphones into 32Ω load, PHANTOM at 48 V (5 mA), LCD Backlight off)	Alkaline batteries: about 2 hours NiMH batteries (1900 mAh): about 3 hours Lithium batteries: about 7.5 hours
Power consumption		5 W maximum
Dimensions		75.0 mm (W) × 77.3 mm (D) × 47.8 mm (H)
Weight (including batteries)		242 g

Note: 0 dBu = 0.775 Vrms