ZOOM

F1 Field Recorder **Specifications**

Recording media		microSD/microSDHC cards (Class 4 or higher, up to 32 GB)	
Recording formats		WAV	44.1 kHz/16-bit, 48 kHz/16-bit, 48 kHz/24-bit, 96 kHz/24-bit Mono/stereo BWF formats supported
		MP3	48 kbps, 128 kbps, 192 kbps, 256 kbps, 320 kbps Mono/stereo ID3v1 tags supported
Display		1.25" monochrome LCD (96×64) with REC LED (red)	
Inputs	MIC IN	ZOOM mic capsule input	
	Mono shotgun mic (SGH-6)	Directionality	Super cardioid (3 directional mic units)
		Sensitivity	−39 dB/1 Pa at 1 kHz
		Input gain	−∞ – +50 dB
		Maximum sound pressure input	122 dB SPL
	MIC/LINE IN	Connector	3.5 mm stereo mini (with screw lock) Supports plug-in power (2.5 V)
		Input gain	−12 dB – +36 dB
		Input impedance	2 kΩ or more
	Lavalier mic	Plug	3.5 mm stereo mini (with screw lock)
		Directionality	Omnidirectional
		Sensitivity	-32 dB/1 Pa at 1kHz
		Maximum sound pressure input	115 dBspl
		Cable length	160 cm
Outputs	PHONE OUT	Connector	3.5 mm stereo mini (with screw lock)
		Maximum output level	11 mW + 11 mW (into 32Ω load)
USB		microUSB	
		Mass storage operation	USB 2.0 High Speed
		Audio interface operation	USB class compliant 44.1kHz/16-bit, 48kHz/16-bit, 2-in/2-out Transfer method: asynchronous
Power		2 AAA batteries (alkaline, NiMH or lithium) AC adapter (ZOOM AD-17): DC 5V/1A	
Estimated continuous recording time using batteries		With SGH-6 mono shotgun mic capsule connected (48 kHz/24-bit, mono) Alkaline batteries: about 6.5 hours NiMH batteries 750 mAh): about 6 hours Lithium batteries: about 11 hours	
		When using lavalier mic (48 kHz/24-bit, mono, plug-in power on) Alkaline batteries: about 10 hours NiMH batteries 750 mAh): about 9 hours Lithium batteries: about 16 hours	
		• The above values are approximate. • Continuous battery operation times were determined using in-house testing methods. They will vary greatly according to use conditions.	
External dimensions		64.0 mm (W) × 79.8 mm (D) × 33.3 mm (H)	
Weight (main unit only)		120 g	

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