



NEW SONG METER® SM5 RECORDERS



SM5BAT

The Everything Recorder

Record everything (bats, birds, you name it) at once, with the best battery life on the market. Four channels—two bat plus two bird—for zero compromises.



SM5

The Ultimate Long-Haul Acoustic Recorder

Record birds in the canopy, amphibians in the understory, and other audible wildlife with exceptional clarity, even longer. Now with GPS time-sync.



SPECIFICATIONS AT A GLANCE

SM5BAT vs. SM4BAT

FEATURE	*NEW* SM5BAT	SM4BAT
Ultrasonic channels	2 (independently triggered)	1
Acoustic channels	2 (mono or stereo)	0
Built-in microphones	2 (1 ultrasonic + 1 acoustic)	0
Simultaneous ultrasonic + acoustic recording	yes	no
Recording formats	full-spectrum 16-bit WAV; or zero-crossing (ZC)	full-spectrum 16-bit WAV
Trigger mode*	multi-band or single-band	multi-band
Battery life**	Up to 140 nights (11 x 18650 Li-ion); or Up to 75 nights (4 x alkaline D cell)	Up to 48 nights (4 x alkaline D cell)
Built-in GPS	yes	no
GPS time sync	yes (within 30 microseconds)	n/a
Future-proof expansion port***	yes	no
Configuration options	iOS or Android mobile device via app; or on-unit buttons/screen	on-unit buttons/screen
Warranty	3 years (recorder + built-in mics)	3 years (recorder); 18 mo (mics)

**Multi-band trigger mode is better in noisy environments, while single-band trigger mode is more energy-efficient.*

***Ten-hour nights, based on 10% bat activity, recording with a 256 kHz sample rate in 20 degrees C, using multi-band trigger mode in combination with one cabled microphone. Additional configurations, including those using single-band trigger mode, are listed under product tech specs on our website.*

****Built-in for future custom hardware and accessories (e.g., cellular remote access).*

SM5 vs. SM4

FEATURE	*NEW* SM5	SM4
Acoustic channels	2 (mono or stereo)	2 (mono or stereo)
Built-in microphones	2 acoustic stub mics	2 acoustic stub mics
Battery life*	Up to 1,710 hours (11 x Li-ion); or Up to 900 hours (4 x alkaline D cell)	Up to 440 hours (4 x alkaline D cell)
Built-in GPS	yes	no
GPS time sync	yes (within 30 microseconds)	n/a
Future-proof expansion port**	yes (accessory coming late 2026)	no
Configuration options	iOS or Android mobile device via app; or on-unit buttons/screen	on-unit buttons/screen
Warranty	3 years (recorder + built-in mics)	3 years (recorder); 18 mo (mics)

**Based on two-channel (stereo) continuous recording at a 24 kHz sample rate in 20 degrees C. Details on single-channel (mono) recording battery life are listed under product tech specs on our website.*

***Built-in for future custom hardware and accessories (e.g., cellular remote access).*