



About Us

Wildlife Acoustics is the leading provider of bioacoustics monitoring systems for researchers, scientists, conservationists and government agencies worldwide. The company's mission was born out the desire to provide innovative, easy-to-use and economical hardware and software for bioacoustics monitoring and analysis.

After ten years of effort and more than 20,000 Song Meters shipped – all deployed to 70 countries on 7 continents – you could say we've learned a lot from our customers.

Wildlife Acoustics is backed by an impassioned team of technologists with intense interest in biology, conservation and environmental stewardship. It's our desire to enable those involved in animal biology, research and conservation to do their best work easily and quickly.

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Song Meter SM3

The most advanced and the most adaptable professional bioacoustics recorder available.



Quick Specs:

Comprehensive specs can be found at wildlifeacoustics.com

Recording Technology:

16-bit PCM .wav or optional .wac proprietary lossless compressed format; 2 channels

Recording Bandwidth:

20Hz-48kHz

Power:

Lithium battery for internal clock lasts up to 3 years

4 D-size Alkaline or NiHM batteries provide 260, 180, and 960 hours of recording, respectively for main power

External power via optional SM3 Power Cable

Storage:

4 SDXC/SDHC flash card slots (Class 4 or greater)

More than 2 terabytes total capacity using 4 512GB SDXC cards

Dimensions:

Height: 12.8"/32.4 cm

Width: 7.9"/ 20.0 cm

Depth: 2.5"/6.5 cm

Weight:

5.5 lbs. without batteries

7.0 lbs. with batteries

Operating Temperature:

-4°F to +122°F or -20°C to 50°C

Warranty:

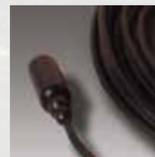
3 years

Options and Accessories:

We've created and carefully selected a wide assortment of microphones, hydrophones and accessories to make the SM3 as versatile as possible for the work you do.



SMM-A1 Acoustic Microphone to record birds and other animals. (3M cable included)



SM3-H1 Hydrophone allows simultaneously monitoring underwater.



SM3 GPS Option allows time synchronization of several recorders and/or location logging.



SM3 Power Adapter Cable easily attaches to a battery or solar power system.

Additional Accessories Available:

10M and 50M cables

Flash cards and readers

Extra windscreen and clips

Song Scope Analysis Software

One of the fastest and most intuitive spectrogram viewers available.



Song Scope software is fast and flexible – designed to help you quickly review recordings made by Song Meter or other conventional bioacoustics recording equipment.

The software features a flexible spectrogram viewer that lets you scroll through large audio files and is typically 10-20 times more time efficient than simply listening. Song Scope's Song Scope feature lets you visualize sounds on large temporal scales so you can measure sound energy in months and years instead of seconds.

Try Song Scope Free For 15 Days

wildlifeacoustics.com/songscope

Song Meter SM3

The most advanced and the most adaptable professional bioacoustics recorder available.

The Song Meter SM3 is a fully ruggedized, long-deployment acoustic recorder. It's the only bioacoustics recorder of its kind that can simultaneously record any combination of birds, frogs, insectivorous and/or marine life.

From innovative recording features, massive data storage capacity, and a significant improvement in deployment time over the SM2+, the new SM3 makes wildlife acoustic data capture easier and far more cost effective than before.

Choose a schedule or create your own.

The SM3 comes with out-of-the box recording programs; including daytime, night time, and continuous recording schedules with automatic configuration. Just pick your desired schedule and press the Start button to begin making recordings immediately. Or, you can create customized, sophisticated schedules and settings to suit your exact needs.

Record for months autonomously.

The SM3 has new power circuitry that increases deployment time by 20% over the SM2+. How is this so? In sleep mode between scheduled recordings, the SM3 uses almost no power (around .05 mW), allowing it to remain idle for months at a time. That means longer deployments and fewer trips into the field.

Expand the use of the SM3.

Tailored to the needs of avian biologists and herpetologists, the SM3 can be configured with both its new acoustic microphone and a hydrophone to record activity above and below the water, simultaneously.

Record in high fidelity using the new acoustic microphones.

The new, weather resistant SMM-A1 acoustic microphone design applies gain at the microphone to increase signal strength and improve resistance to electrical noise interference. The result is cleaner recordings when the microphone cables are run near other cables on metrology towers or wind turbines.

