

faunatech

A WILDLIFE ACOUSTICS COMPANY ((x))

ACOUSTIC & ULTRASONIC WILDLIFE RECORDERS & SOUND ANALYSIS SOFTWARE

A WORLD OF DISCOVERY





MONITOR ECOSYSTEMS & WILDLIFE WITH ECOACOUSTICS

Ecoacoustics combines biology and acoustics to help scientists learn more about ecosystems and specific animal behaviours and populations. Many animals produce unique vocalisations that can be measured and identified. Using specialised recorders and software, researchers can analyse these sounds to gain insight into species diversity, animal behaviour, habitat health, environmental changes, and more.

Applications:

- Ecosystem, biodiversity, & soundscape monitoring
- Environmental impact assessments
- Conservation science
- Animal behaviour studies
- Sustainable land-use planning
- Environmental policy advocacy
- Community outreach & education



DISCOVER MORE WITH WILDLIFE ACOUSTICS

Monitor wildlife and soundscapes with our acoustic and ultrasonic recorders, and gain valuable insights using our sound analysis software.

HERE'S WHAT SETS US APART:



Flexibility

Find recorders suitable for any project, budget, and research objective.



Training

Learn how to analyse sound files at free virtual training led by product experts.



Support

Receive prompt and thorough responses from our dedicated customer support team.



Reliability

Advance your research with equipment scientists have trusted for more than 15 years.

RECORD MORE BATS + LESS NOISE

SONG METER ULTRASONIC RECORDERS

Our industry-leading ultrasonic recorders are **engineered to help you record more bats**, thanks to low-noise microphones that detect even quiet and distant echolocations, advanced triggering that records more bats, and built-in technology that detects and removes “false triggers” if they occur.

The result? More bat calls and less time spent in analysis sifting through thousands of unusable files.

Learn more at faunatech.com.au



ULTRASONIC RECORDER

Song Meter SM4BAT FS

Connect to external power for extended deployments—or record bats for up to 48 ten-hour nights on batteries alone. *Our flagship bat recorder, and the industry standard.*

FEATURES

- SMM-U2 cabled low-noise microphones can be mounted up to 100 meters away
- Dual-SDHC/SDXC memory card slots store up to 2 TB for maximum data capture
- On-unit keypad & backlit display for programming location, settings & schedule
- Weatherproof housing protects against harsh elements & rugged terrain
- Hinged, lockable enclosure provides ergonomic access & security

Power cable & cabled microphone extension cords sold separately.



ULTRASONIC & ACOUSTIC RECORDER

Song Meter Mini Bat 2

Record bats and other wildlife that vocalize in the ultrasonic range for up to 125 ten-hour nights.* Attach an optional acoustic stub microphone to also monitor birds, amphibians, mammals, and other wildlife that vocalize in the audible range.** Our most versatile recorder.

FEATURES

- Capture bat echolocations in high fidelity via the built-in, low-noise, ultrasonic microphone.
- Easily program your recorder's location, settings, and schedule using a Bluetooth®-enabled device and our free companion app.
- Deploy confidently in all weather, thanks to rugged, IP67-rated, water-resistant housing.
- Secure your recorder by adding a simple padlock** to its hinged enclosure.
- Accurately position the microphone towards bat flyaways using the built-in tripod mount.

**Battery life based on Li-ion model; AA model also available.*

***Sold separately.*

BAT DETECTOR

Echo Meter Touch 2 and 2 PRO

with USB-C for iOS® & Android™

Turn your smartphone or tablet into a bat detector. Simply plug into your iOS or Android device with USB-C* and install the companion app to begin using—no data plan required.

FEATURES

- Real-Time Expansion (RTE) technology makes echolocations audible
- Color spectrogram displays the frequency & timing of bat passes as they occur
- Free companion app lets you map & share transect paths
- Built-in, low-noise microphone detects even quiet & distant bats (PRO)



**Compatible with select mobile device models. See website for complete details.*

Android is a trademark of Google LLC. iOS is a trademark of Apple, Inc.



Song Meter with Analysis & Remote Transfer

SMART SYSTEM

for Wind Farms

Minimize bat fatalities, turbine downtime, and curtailment costs with the Song Meter with Analysis and Remote Transfer (SMART) System. *For wind farm owners and operators.*

FEATURES

Detect bats of concern in real-time.

Add custom alarms that match bat-call parameters and activity levels you set and trigger notifications to turbine systems based on these alarms.

Reduce turbine downtime & increase AEP.

Pause turbine operation as needed, minimizing curtailment costs while increasing Annual Energy Production compared to blanket curtailment.

Remotely—and securely—access recordings.

Allow authorized users to remotely manage the system and download recordings and activity summaries via the secure web browser interface.

RECORD BIRDS, AMPHIBIANS & MORE

SONG METER ACOUSTIC RECORDERS

Our passive acoustic recorders **combine extended battery life, rugged dependability, and ease of use for unrivaled versatility in the field.** Choose from a selection of recorders based on your project, budget, and research objectives.

Record birds, amphibians, mammals, and other terrestrial wildlife that vocalize within the typical range of human hearing across various applications.

Learn more at faunatech.com.au



ACOUSTIC RECORDER

Song Meter SM4

Connect to external power for extended deployments—or record birds and more for up to 440 hours on batteries alone. *Our flagship acoustic recorder, and the industry standard.*

FEATURES

- Two, built-in, low-noise acoustic microphones record in high-fidelity mono or stereo
- Optional, SMM-A2 cabled low-noise microphones can be mounted up to 100 meters away
- Dual-SDHC/SDXC memory card slots store up to 2 TB for maximum data capture
- On-unit keypad & backlit display for programming location, settings & schedule
- Weatherproof housing protects against harsh elements & rugged terrain
- Hinged, lockable enclosure provides ergonomic access & security

Power cable & optional SMM-A2 cabled microphones sold separately.



ACOUSTIC RECORDER

Song Meter Mini 2

Record soundscapes and wildlife that vocalize within the typical range of human hearing for up to 1,330 hours. Monitor birds, amphibians, terrestrial mammals, and more.

FEATURES

- Built-in, low-noise acoustic microphone records in high-fidelity
- Optional, second acoustic stub microphone captures sound in stereo
- Free companion app makes programming easy via your Bluetooth®-enabled mobile device
- IP67-rated, weatherproof housing provides rugged protection
- Hinged, lockable enclosure provides ergonomic access & security
- Rear tripod mount allows for flexible positioning

**Battery life based on Li-ion model. Optional second acoustic mic sold separately.*



ACOUSTIC RECORDER

Song Meter Micro 2

Get max data for your dollar with our most compact and economical acoustic recorder.

Record birds, amphibians, terrestrial mammals, soundscapes, and more for up to 280 hours. *Lightweight and excellent for big jobs on a budget.*

FEATURES

- Ultra-compact, lightweight frame makes deployment a breeze
- Built-in acoustic microphone records wildlife that vocalize within the typical range of human hearing—at an unbeatable price
- Free companion app makes programming easy via your Bluetooth®-enabled mobile device
- IP67-rated, weatherproof housing provides rugged protection
- Hinged enclosure provides ergonomic access
- Rear tripod mount allows for flexible positioning



ANALYSIS SOFTWARE

Kaleidoscope Pro Sound Analysis Software

Save time sifting through sound files to get to big-picture analysis faster. Whether you're conducting species inventory, presence/absence surveys, or habitat health monitoring, Kaleidoscope Pro significantly reduces the time it takes to find what you're looking for.

FEATURES

Cluster Analysis

Promptly detect and group similar sounds to streamline analysis. Find targeted sounds within complex recordings—or conduct general species surveys. Create customized species classifiers for efficient monitoring of long-term projects and specific environments.

Acoustic Index Calculation

Rapidly and easily calculate 25 acoustic indices, including the commonly used Bioacoustic Index (BIO), Acoustic Complexity Index (ACI), and Normalized Difference Soundscape Index (NDSI)—no programming needed. Customize parameters used by acoustic indices to be more meaningful for your study, and review acoustic index values alongside spectrograms to assist with the interpretation of results.

And More . . .



150,000+ Recorders
Sold Worldwide

FIND IT FASTER

Kaleidoscope Pro Sound Analysis Software

Ready to analyse your recordings? Kaleidoscope Pro lets you quickly sort and label bird songs, frog calls, and bat echolocations. Save time sifting through sound files so you can get to big-picture analysis faster. Run general surveys over time, track hard-to-find species, and more.

Begin your free trial at faunatech.com.au/products/kaleidoscope-pro.



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