



Ranger

Versatile • Powerful • User-friendly



100 nights /
700 hours on
8 AA batteries*



External
power
option



Simultaneous
acoustic &
ultrasonic



Microphone
extension
cable

Ranger



GPS is built-in

Free analysis software Anabat Insight

Colour touchscreen for easy configuration

Use automatic schedules for easy deployment

Built-in temperature sensor

Transect mode available

Product Specifications

External Dimensions	194 x 123 x 50mm (7.64 x 4.84 x 1.97 inches)
Weight	478g (16.86oz.) without batteries
Memory	2 x SDHC/SDXC cards (up to 2 x 1TB)
GPS	Built-in, daily GPS fixes, GPS transect mode
Housing	Camouflage weatherproof and shockproof (IP67), with tripod mount
Power Requirements	4 or 8 AA batteries, external power and solar power options
Typical Battery Life	700hrs acoustic / 100 nights ultrasonic on 8 AA batteries*
Sample Rates	500, 384, 320, 192, 96, 48, 44.1, 32, 24, 22.05 ksps
Frequency Range	20Hz up to 250kHz (depending on microphone used)
Channels	3 channels: 1 (front) ultrasonic or acoustic, and 2 (sides) acoustic-only Capable of simultaneous recording (stereo acoustic and ultrasonic)
Microphones	Choice of weatherproof acoustic microphones, omnidirectional and directional ultrasonic microphones
Audio Output	Headphone jack for frequency division output (ultrasonic) and stereo reproduction (acoustic)
File Output	Full spectrum (.wav), zero crossing (.zc), GPS track (.gpx), temperature sensor log (.csv)
Display	2.4" colour LCD touchscreen
Warranty	Recorder 2 years, microphones 1 year
Optional Accessories	Lockable security box, microphone extension cables, fused power lead, solar panel

*Ultrasonic battery life estimations based on 10% bat activity at 25°C and 10 hour nights recording at 320ksps using 8 alkaline AA batteries. Acoustic battery life estimations based on continuous mono recording at 32ksps using 8 alkaline AA batteries.

Microphone Options

Acoustic/Audible



Low-profile side-mount



Front-mount

Ultrasonic



Omnidirectional



Directional

Weather resistant • Highly sensitive • User replaceable