






Ultrasonic / Bat Detector Comparison Chart

	 Ranger	 Chorus	 Anabat Swift	 Wildlife Acoustics SM4Bat FS	 Wildlife Acoustics Mini Bat 2
Memory	2 x SD Cards	1 SD Card	2 x SD Cards	2 x SD Cards	1 SD Card
Automatic GPS time synchronisation	✓	✓	✓	✗ Added cost option, external GPS cannot be left connected	✗ Bluetooth from phone
One-touch automatic deployment	✓	✓	✓	✗ Requires GPS accessory	✗ Requires bluetooth-phone
Lightweight	✓ 580g w/ 4 batteries	✓ 530g w/ batteries	✓ 490g w/ 4 batteries	✗ 1225g w/ batteries	✓ 424g w/ batteries
Compact Design	✓ 194 x 125 x 50mm	✓ 194 x 125 x 50mm	✓ 182 x 119 x 43mm	✗ 218 x 150 x 70mm	✓ 120 x 142 x 40mm
Camouflage housing	✓	✗	✓	✗	✗
Maximum sample rate	500ksps	500ksps	500ksps	500ksps	500ksps
Detachable microphone for external/extension mounting	✓	✗	✓	✓	✗
Directional microphone option	✓	✗	✓	✗	✗
Batteries	4 or 8 AA batteries	4 AA batteries	4 or 8 AA batteries	4 D cell batteries	4 or 8 AA batteries Lithium ion option
Battery life*	100 nights	50 nights	100 nights	~40 nights	~50 nights w 8 AA batteries
GPS transect mode	✓	✓	✓	✗	✗
Headphone audio output	✓	✓	✓	✓	✗
External power	✓	✗	✓	✓	✗
Can also be used for acoustic recording	✓ Stereo; simultaneously	✓ Stereo; same deployment, not simultaneously	✓ Mono; requires microphone change	✗	✓ Mono; same deployment, not simultaneously

*Titley Scientific battery life estimations calculated using alkaline batteries with 10% bat activity at 25°C and 10 hour nights recording at 320ksps.

Superseded