




# Ultrasonic / Bat Detector Comparison Chart

	 <b>Ranger</b>	 <b>Chorus</b>	 <b>Anabat Swift</b>	<b>Wildlife Acoustics SM4Bat FS</b>	<b>Wildlife Acoustics Mini Bat 2</b>
<b>Memory</b>	2 x SD Cards	1 SD Card	2 x SD Cards	2 x SD Cards	1 SD Card
<b>Automatic GPS time synchronisation</b>	✓	✓	✓	✗ Added cost option, external GPS cannot be left connected	✗ Bluetooth from phone
<b>One-touch automatic deployment</b>	✓	✓	✓	✗ Requires GPS accessory	✗ Requires bluetooth-phone
<b>Lightweight</b>	✓ 580g w/ 4 batteries	✓ 530g w/ batteries	✓ 490g w/ 4 batteries	✗ 1225g w/ batteries	✓ 424g w/ batteries
<b>Compact Design</b>	✓ 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
<b>Camouflage housing</b>	✓	✗	✓	✗	✗
<b>Maximum sample rate</b>	500ksps	500ksps	500ksps	500ksps	500ksps
<b>Detachable microphone for external/extension mounting</b>	✓	✗	✓	✗	✗
<b>Directional microphone option</b>	✓	✗	✓	✗	✗
<b>Batteries</b>	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
<b>Battery life</b>	80 nights	40 nights	100 nights	~40 nights	~50 nights w AA batteries
<b>GPS transect mode</b>	✓	✓	✓	✗	✗
<b>Headphone audio output</b>	✓	✓	✓	✓	✗
<b>External power</b>	✓	✗	✓	✓	✗
<b>Can also be used for acoustic recording</b>	✓ Stereo; simultaneously	✓ Stereo; same deployment, not simultaneously	✓ Mono; requires microphone change	✗	✓ Mono; same deployment, not simultaneously

Superseded