



# Biotracker VHF Receiver

Technology:  Radio

Product:  Receiver



## Sophisticated, lightweight, rainproof radio receiver

The Biotracker was designed by fieldworkers experienced with radio-tracking, who understood the need for a small light receiver when out for long days, but still wanted sophisticated features and a long battery life. Moreover, we thought about where the controls needed to be, and where the antenna connection should be, so that it was easy to use. It's now been manufactured for over 15 years and is still as popular as when it first emerged.

## Options

- Flexible power options – rechargeable or primary cell. The receiver can also be powered from external power supplies (e.g. car cigarette lighter).

### Features:



Audio

### Small, light and tough:

Built for manual tracking when weight and robustness are as important as sophistication

### Ergonomic:

This receiver was designed by experienced radio-trackers who understand where controls need to be

### Scanning 256 channels:

Making searching for lost individuals much easier

## Product Applications

Suitable for manually tracking traditional radio-tags and you want a small light receiver with excellent functionality. Requires a hand-held antenna, and VHF tags such as our small PicoPip transmitters or longer-lasting TW or Core VHF tags. Can also be used to locate PinPoint GPS tags with VHF beacons.

Biotracker	
Weight (g)	800
Size (LxWxH) (mm)	150 x 85 x 55
Battery life (hours)	28 (rechargeable NiMH battery pack), 26 (4x primary alkaline 'AA' cells)

Features and specifications subject to change without notice.



### Technical specifications:

Operating temperature range: -20°C to +50°C  
 Battery charging temperature range: +5°C to +35°C  
 Temperature stability: <1 kHz over -20°C to +50°C  
 Frequency band: 8 or 30MHz  
 Frequency range: 138MHz to 174MHz

Sensitivity: -150 dBm (minimum discernible signal)  
 Selectivity: 6dB: ± 2 kHz, 60 dB: ± 4 kHz, 90 dB: ±12kHz  
 Gain control range: 90 dB  
 Fine tuning: 1kHz or 0.1kHz steps  
 External power supplies: 10.5 to 15 V

### Warranty

Biotracker receivers are warrantied to be free of defects in materials and workmanship under normal use for a duration of 24 months from date of sale. For Warranty terms and conditions, please review our [Warranty Statement](#).

### Accessories supplied

Headphones, Adjustable shoulder strap, Rechargeable battery pack, Battery holder for primary AA cells, International Mains Power Supply, Power supply for vehicle cigarette lighter socket.