




AcouTrack

Technology:  Acoustic

Product:  Receiver



Directional Acoustic Mobile Tracking Receiver

Lotek AcouTrack acoustic receiving system is a directional mobile tracker designed for detecting, decoding, displaying and logging the unique IDs and sensor data associated with either MAP or JSATS acoustic transmitters in real time. Configured for use with two hydrophones, and supplied with direction finding software, the AcouTrack system enables the highest level of acoustic mobile tracking efficiency available. The AcouTrack receiving system is fitted with an LCD screen, high visibility LED directional indicators, internal speaker, stereo 3.5mm headphone jack, and a intuitive keypad controlled interface. House in a rugged high visibility yellow pelican case, the AcouTrack is built to IP67 dust and water resistance standards.

Options

- Available in either 76kHz MAP or 416kHz JSATS
- Compatible with 1 or 2 LHP hydrophones

Features:



Position



Audio

Tough and Portable:

Rugged splash resistant Pelican case

Integrated GPS:

When onboard GPS is enabled, latitude, longitude and GPS time are appended to each detection record.

LCD screen display and keypad:

Displays tag ID, sensor data & direction.

Code Collision Immunity:

Detects, decodes, displays and logs acoustic transmitters in high traffic and acoustically hostile environments

Product Applications

Manual directional tracking of acoustic tagged fish; home range, habitat use, species interaction, and tributary use. Autonomous deployment capability.

Model	AcouTrack
Weight (kg)	2.2
Battery type	2x 'D' Cells (Tadiran 5930)
Size (LxWxH) (cm)	27 x 24.6 x 12.3
Pelican™ Case	Yes
IP Rating	Built to IP67 Dust/Water Resistancy
GPS Position and Clock	Yes
Hydrophone Ports	2
Internal Speaker	Yes
Stereo Jack	Yes
Internal Battery	2 x 3.6V Lithium 'D' Cells (model TO BE DETERMINED)
External Power	12V DC supply
Frequency/Codeset	76kHz MAP or 416kHz JSATs
Detection Range	TO BE DETERMINED
Memory	2GB

Warranty

AcouTrack Receivers are warrantied to be free of defects in materials and workmanship under Normal use for a duration of 12 months. For Warranty terms and conditions, please review our [Warranty Statement](#).