

Products

Lotek products are known for their quality and innovation. Our technology has helped to revolutionize the field of fish and wildlife tracking by vastly increasing both the quantity and the quality of data that can be gathered to help manage these resources. Our receivers, animal collars, archival tags and radio and acoustic transmitters can be used to gather many kinds of information on species ranging in size from salmon smolts to whales and elephants. Researchers around the world rely on our innovations.

Moreover, we back our top quality equipment with top quality service. We offer a full range of services to support the purchase of Lotek transmitters, receivers and accessories, as well as their integration into comprehensive monitoring systems.

Freshwater

Lotek offers a diverse range of innovative tracking and monitoring systems for a wide variety of freshwater species. The types of information that you can obtain using our freshwater tracking systems include the following:

- Positional data: precise information on the location and movement of fish in fresh water
- Physiological data: including heart rate, fish muscle activity and related metabolic costs
- Historical data: archival storage of more than 500,000 data samples for up to 25 years
- Temperature data
- 3D mapping: accurate 3-dimensional spatial mapping of fish with accuracies to one meter.

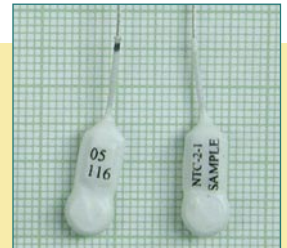
Marine

Lotek's acoustic transmitters, receivers, and archival tags can be used on a wide range of marine species. In addition, we offer specialized solutions for tracking diadromous species as they move to and from freshwater and marine habitats. Our systems facilitate research such as environmental assessments, aquaculture research, microhabitat utilization, migration studies, localization & positioning, stock assessments and dive profiling.

Terrestrial

Both radio and satellite technologies can be used to track animals on land. Lotek is a world leader in the design and manufacture of VHF radio and GPS satellite tracking systems for large and medium size mammals.

With VHF radios or GPS collars, which come with VHF radios, animals can be tracked manually or automatically. Researchers can also choose from a range of special transmitter options to collect temperature, activity or mortality data in addition to positional data. Similarly, our GPS systems offer options that allow scientists to define and optimize data retrieval times, collect data by modem and monitor multiple frequencies.



Avian

Our products include a number of outstanding items for researchers wishing to monitor birds in the air or in the water. Our receiver/data logger systems are second to none, and we also offer archival tag solutions for a number of avian research applications.

Our SRX_400 receiver/data logger has an impressive array of firmware options that make it a powerful choice for detecting and tracking signals from any type of radio transmitter. Our LTD series includes options to allow the collection of extensive data regarding temperature, pressure and ambient light for geolocation.

Accessories

Lotek has a full range of accessories to support our various tracking systems. Categories include antennas, carrying cases, headphones, power supply options, cables & connectors, GPS, collars and miscellaneous accessories. For example, we offer environmental enclosures for use in studies that take advantage of our systems' remote data acquisition capabilities.

As part of the standard services that we provide to help you choose the most appropriate tracking system for your research project, our experts will also recommend the accessories required to ensure that you get the most out of your Lotek equipment.

Services

At Lotek, we back our top quality equipment with top quality service. We offer a full range of services to support your purchase of Lotek systems.

Lotek services fall into three categories. Our **standard** services ensure that your purchase of Lotek equipment is supported at every stage by our dedicated representatives and service staff. Our **special** services offer special design, engineering and field assistance by our engineers, biologists and field technicians. Our **consulting** services are available for large or complex telemetry projects that require additional assistance.

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