Freshwater & Marine
Radio & Acoustic

SRX 600

Receiver System

New
Logs both 'beeper' and coded tags

The new SRX 600 takes radio and acoustic signal detection and datalogging to a new level of functionality.

Lotek Wireless is pleased to announce a significant addition to our receiver line: the SRX 600. Building on the strengths of the SRX_400A, this advanced datalogging receiver includes all of its predecessor's strengths and functionality, and adds the following new features:

- **Integrated GPS**
- **High speed USB data transfer**
- **Multi-tasking**
- **Up to 16 Mbyte of memory**
- **New Configuration library**
- **Now detects and logs both "beeper" and "coded tags"**
- **Enhanced detection algorithm**
- **Accept/reject filters**
- **Display scroll**
- **New SRX HOST**
- **Upgrade path from SRX_400A**

LOTEK
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FISH & WILDLIFE MONITORING
Innovative solutions for a sustainable future.

- Receivers
- Dataloggers
- Radio transmitters
- Acoustic transmitters
- Archival tags
- GPS systems
- Hydrophones
- Wireless hydrophones
- Physiological transmitters
- Depth transmitters
- Accessories
- Consulting

New features and benefits

Feature	Advantage	Benefit
GPS Integrated	a. Precise Clock b. Position Data	Time synchronization among distinct receivers means that data collected in all receivers can be analyzed as a single system Reduces the number of instruments, cables, note taking, etc. when manual tracking and receiver GPS coordinates are required
USB Configured	High speed data download	Researcher's time (and funding agency's money) is optimized (1 Mbyte/10 seconds)
Dual Processor	Simultaneous detection, decoding, datalogging, downloading	Data loss is minimized
Expanded Memory (4-16 X 400A)	Capacity 4-16 Mbyte	Data collection and retrieval is made more efficient because receivers can be left unattended for longer time
Configuration "Library"	Up to 8 user defined receiver configurations (incl. frequencies, antennas, gains, etc.) are stored for upload, download or recall	Researcher's time is optimized (settings no longer have to be manually recorded), multi-receiver system set up can be harmonized and multi-year projects requiring seasonal set-up/take-down are more easily repeatable
Enhanced Detection Algorithm	a. Overlapping transmissions (i.e. in "collision") can be detected and decoded b. pulse width/signal strength monitor	More detections and valid data - less "collisions" 255's or 999's
Accept/Reject Filters	Specific codes and/or chanel, code combinations can be selectively recorded/displayed or ignored	Only transmitters of interest are recorded and displayed
New SRX HOST	All receiver settings and data display can be viewed, modified, uploaded or downloaded to PC	More convenient to view data and make changes to settings for multiple receivers
Detects and logs both 'beeper' and coded transmitters	One receiver performs the function of two	Transmitters from multiple vendors and for multiple applications, i.e. reptiles, fish, birds, mammals, etc. can be detected and logged on a single receiver, thereby promoting collaboration, increasing versatility, and ultimately reducing infrastructure costs

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