

SRX-DL

Radio Receiver Datalogger



- ✓ **Low Cost** - Up to 70% less than Lotek's top of the line SRX 600!
- ✓ **High sensitivity** - Equivalent to the SRX 600
- ✓ **Weatherproof** - Built into a pelican case
- ✓ **Reliable** - 2 year warranty
- ✓ **Datalogs** - beeper/pulsed or coded tags

The SRX-DL is intended for telemetry applications that involve autonomous data collection. Researchers can select from 3 receiver configurations to best suit individual application requirements. The SRX-DL can be configured to store data in applications that use pulsed/beeper radio tags, or to collect tag

ID and/or sensor data from hundreds of coded radio transmitters and sensor transmitters.

The SRX-DL inherits reliability and sensitivity from the SRX 600, but we limited the number of features to reduce cost and added a weatherproof case to reduce the risk of damage.

SRX-DL Series

The rugged, portable, self-contained datalogging SRX-DL receiver is supplied with operating software, the necessary power and communication cables and earbuds for test/calibration.

Models available:

SRX-DL1

The DL1 is the most economical model. It has one frequency and is capable of detecting and recording up to 521 uniquely coded ID only transmitters and logging over 250,000 records.

SRX-DL2

The DL2 has 20 frequencies for detecting and recording beeper/pulsed transmitters with the same memory capacity.

SRX-DL3

The DL3 has 5 frequencies for detecting and recording coded transmitters. Up to two of the five frequencies may be used to detect and record coded sensor transmitters. Sensor data may include temperature, pressure, motion or EMG.

Specifications

Size:	10.6" x 9.7" x 5"
Weight:	1.4kg / 3.1lbs.
Operating Voltage Range:	12-18 VDC
Operating Current:	<160ma@12V
Operating Frequency Range:	4MHz in VHF Band
Data Memory Storage Capacity:	> 250,000 records
Channel Spacing:	1kHz
Frequency Stability:	5ppm
Minimum discernible audio level sensitivity:	150 dBm
Minimum discernible software sensitivity:	135 dBm
Dynamic Gain Control Range:	90 dB
I/O:	RS-232 and USB
Antennas	1 or 2
Number of unique ID's per coded frequency	up to 521
Output Data	time, date, frequency, code, signal strength, sensor data

