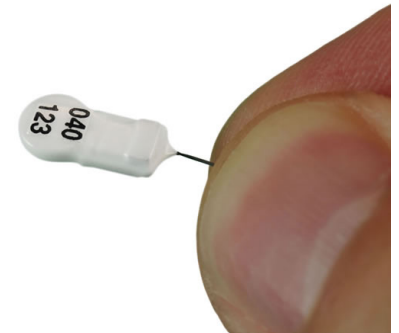# NanoTags (Coded VHF)

Technology: Radio

Product: Tag

Monitor all your birds and bats simultaneously with 0.26g coded radio tags

Lotek supplies the smallest Avian coded VHF NanoTags available to bird researchers today, enabling researchers to discover migratory movements of the smallest of birds and bats through the Motus network. On a more local scale, these tags can establish the presence and absence of individual animals at points of interest such as communal roosts, breeding colonies or man-made artefacts.

The NanoTag's field-proven, energy-efficient design delivers a highly stable signal, while its diminutive size and long operational life allow ornithologists to collect data on smaller bird species, over longer periods of time, than ever before.

Options

- The smallest NanoTag is the NanoPin
- Solar NanoTags are now available
- Extend tag life of smaller NanoTags with on/off cycles

Features:

12 12hr off/on

Small size and weight:
Allows smaller species to be tagged and monitored

Lotek proprietary codesets:
Field proven codes that are robust and reduce collisions, leading to more data

Long Life:
Track birds with sub-gram tags for weeks or months

Product Applications

Flyway Studies - Automatically log individuals flying through an area
Migration Stopover Ecology - Record when your tagged animals are present
Colony Nesting Studies - Log all parental feeding visits automatically
Flight Searches - Save time while searching by listening to one frequency
Bat Roost Behaviour - Detect bats leaving and returning to a roost

Model	Weight [1] (g)	Size [1] (LxWxH) (mm)	Expected life (days)			
			3s interval	7s interval	13s interval	29s interval
NTQB2-1	0.28	11 x 5 x 3	19	39	63	103
NTQB2-2	0.32	11 x 5 x 4	29	60	97	159
NTQB2-5-1	0.46	11 x 5 x 4	53	111	178	291
NTQB2-3-2	0.68	12 x 6 x 5	67	140	224	367
NTQB2-4-2	1.0	12 x 8 x 8	134	280	449	735
NTQB2-6-1	1.7	14 x 9 x 7	190	397	636	1042
NTQB2-6-2	4.0	23 x 9 x 7	359	749	1203	1969
NTQB2-9-2	12.4	43 x 20 x 12	612	1599	2566	4202

1. Stated weight may vary by ±5% for standard packaging. Antenna or harness tube selections will increase size and weight. Contact Lotek for more information

Features and specifications subject to change without notice.

For tags weighing less than 0.26g, please contact one of our Telemetry Specialists about our NanoPin.

| NTQB2-1 | NTQB2-2 | NTQB2-3-2 | NTQB2-4-2 | NTQB2-6-2T | NTQB2-9-2 |

Technical specifications:
Operating temperature: 0˚C - +35˚C

Warranty

NanoTags are warrantied to be free of defects in materials and workmanship under Normal Use for a duration of 80% of Estimated Life to a maximum of 3 years. For Warranty terms and conditions, please review our Warranty Statement.

Accessories

The IR Activator is required to start/stop your NanoTags.

Coded tags require a Lotek VHF receiver to decode your tag ID.
SRX1200-D: Suitably robust to be left in the field for long periods
SRX1200-MD: Allows manual tracking and autonomous logging