

Bird & Bat NanoTag

Monitor all your birds and bats simultaneously
with 0.29g coded radio tags



Studies Benefitting from Coded NanoTags

Colony Nesting Studies

With all transmitters being monitored simultaneously, all parental feeding visits will be automatically logged regardless of feeding brevity.

Flyway Studies

Coded transmitters enable all birds or bats flying past an area to be automatically logged. Conventional beeper tag systems can't do this with larger numbers of individuals due to the necessity of scanning through many frequencies.

Frequency Congestion

If available frequencies are in short supply in your study area, coded tags solve the problem with only one frequency needed for all individuals.

Flight Searches

With traditional beeper tags, only a limited number of individuals can be searched for, due to the time involved in scanning through multiple frequencies. Coded tags eliminate this restriction by allowing hundreds of individuals to be searched for simultaneously.

Migration Stopover Ecology

Keep track of every bird or bat at a migration stopover for every minute the individual is present. This type of research can now be done on a scale that simply wasn't possible before.

LOTEK

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Innovative solutions for a sustainable future.

- Receivers
- Dataloggers
- Radio transmitters

- Acoustic transmitters
- Archival tags
- GPS systems

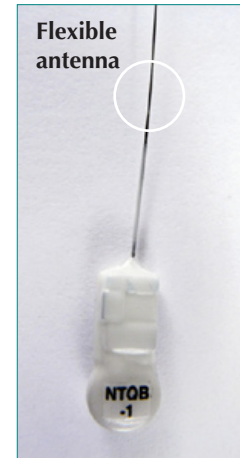
- Hydrophones
- Wireless hydrophones
- Physiological transmitters

- Depth transmitters
- Accessories
- Consulting

Bird & Bat NanoTag

Product Features

- Designed for use with Lotek digitally encoded receivers, such as the SRX-DL.
- Hundreds of transmitters assigned to single frequency.
- Retains ability to identify individuals.
- Increased probability of detecting individuals.
- Extend tag life with on/off cycles.
- Infrared activation and deactivation; no magnet required.
- New high strength flexible antenna does not kink.



Specifications

Model		NTQB-1	NTQB-2	NTQB-3-2	NTQB-4-2	NTQB-6-1	NTQB-6-2
Weight (g)*		0.29	0.35	0.67	1.0	1.5	2.6
Dimensions (mm)	Length	11	11	12	12	14	23
	Width	5	5	6	8	9	9
	Height	3	4	5	8	7	7

Calculated Operational Life (days)				
Tag Model	Burst Interval (examples)			
	2 sec.	5 sec.	10 sec.	10 sec. w/ 12 hr. on/off programming
NTQB-1	10	21	33	45
NTQB-2	16	33	52	71
NTQB-3-2	39	80	124	170
NTQB-4-2	79	163	251	344
NTQB-6-1	113	232	357	489
NTQB-6-2	215	441	678	928

Intended for operation within temperature range of 0 to 35°C.

* Stated weight may vary by ±5% for standard packaging. Custom attachment and packaging for certain species will increase specific size and weight. Contact Lotek for details.

Notes on Operational Life

The burst rates and corresponding operational life specified for the transmitters are provided for comparative purposes. Various burst rates are available, based upon application specific considerations and operational life requirements. Typical operational life values are stated, based on component specifications and transmitter measurements, with **warranty life** expressed as 80% of the typical value effective from date of shipment.

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