



## CTx Connectivity VHF tags

Technology:  Radio

Product:  Tag

Dawny woodpecker (*Dryobates pubescens*)



### Small VHF tags that last longer by saving energy when it is impractical to track them. 1 year operational life from 0.9g

CTx tags are an ideal solution for fine-scale studies of migration-connectivity, survivorship, breeding /wintering home range, or for researchers looking to make a small tag last longer. An onboard calendar allows you to choose your transmission days so you can optimise your data collection and track the bird manually while it's within the study area. To save energy, CTx tags will cease transmission when a bird is away on migration, which allows for sufficient power remaining to begin transmitting again upon the bird's return.

Optionally, CTx tags can be paired with other Lotek products to enhance the scope of your study to encompass both localized movement and migration habits.

#### Features:



Duty cycling

#### Transmission Calendar:

Optimise your tracking by selecting transmission days with an onboard calendar

#### Extended Tag Life:

Customise pulse characteristics as well as the schedule to get the optimal life from the tag.

#### Customised Packaging:

Tubes for harness material, collars, stronger encapsulation customised to your needs.

### Product Applications

CTx Connectivity tags have been used for investigating Breeding or wintering site fidelity, Return dates, Retrieving archival loggers for data, Studies where continuous tracking is not necessary.

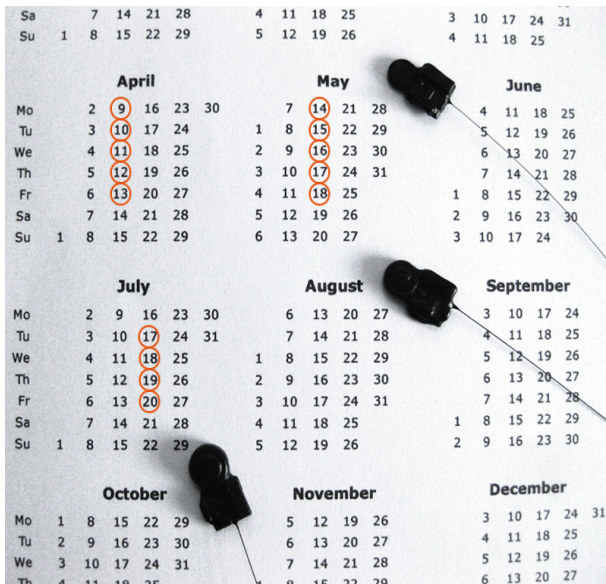
These tags are also an effective solution for extending the study duration through strategic scheduling in order to prolong its operational life.

Model	Minimum weight <sup>[1]</sup> (g)	Size <sup>[1]</sup> (LxWxH) (mm)	Life <sup>[2]</sup> (days) over 12 months	
			20ms 48ppm	10ms 27ppm
CTx (Ag376)	0.9	15 x 9 x 3	34	116
CTx (Ag392)	1.2	16 x 9 x 4	63	210
CTx (Ag393)	1.7	19 x 10 x 7	142	365

1. Minimum weight and dimensions. Tags for some species require extra protection or attachment aids that can increase the weight and dimensions.
2. Assuming the stated pulse length (milliseconds) and pulse rate (pulses per minute)

Features and specifications subject to change without notice.

### Sample Schedule:



The individual days that a tag will transmit on are factory-set during production, based on your choice of days. Models available in a variety of custom configurations. Please contact a Lotek Telemetry Specialist to discuss your needs.

### Technical Specifications:

Operating temperature range: -10°C to +50°C

Frequency Range: 138 MHz to 173.999 MHz

### Warranty

CTx Connectivity tags are warranted to be free of defects in materials and workmanship under Normal Use for a duration of 80% of Estimated Life to a Maximum of 36 months, whichever is shorter. For Warranty terms and conditions, please review our [Warranty Statement](#).