



North Island brown kiwi (*Apteryx mantelli*) © Tara Swan, Pūkaha National Wildlife Centre 2018



## A special tag for a special bird

These are the original kiwi leg-band radio-tags developed by Sirtrack (now Lotek NZ) working with kiwi researchers over 30 years ago. Of paramount importance was the welfare of the kiwi, but performance in terms of optimising tag life and strength of signal were also critical to the success of projects. They have now been used for decades by conservationists restoring kiwi populations throughout New Zealand. The kiwi leg-bands can equally be used on other species where tailmounts or harness mounted backpacks are not appropriate, and when an external antenna is not required.

### Options

- Chick-timer and Egg-timer monitoring (species dependent)
- Mortality mode and Time Since Death

#### Features:



Mortality



Time since death



12hr off/on

#### Designed for safety:

Kiwi need all the help they can get, so >30 years of experience to make them safe is a great asset

#### Specially designed antenna:

Optimised to operate effectively both above ground and in burrows (loop antenna models)

#### Light weight:

From as light as 5g (V1L model)

## Product Applications

Kiwi conservation programs have been driving the design of these tags, and the species specific firmware has aided the fight to save them. Nevertheless there may be other species that could use the tags, especially those for which a legmount is more appropriate and external antennas seen as a hindrance to the bird.

Model	V1L 118A	V2L 118B	V2L 123A	V2L 152A	V2L 161A	V2L 163A
Weight (g)	5	5	10	11	22	22
Life <sup>(1)</sup> (days)						
30ppm	369	369	90	196	616	616
40ppm	306	306	70	154	482	482
Size (LxWxH) (mm)	26 x 13 x 8	26 x 13 x 8	20 x 17 x 20	31 x 21 x 16	35 x 23 x 19	35 x 23 x 19
Leg band gap	5	5	5	5	5 or 8	5 or 8
Leg band option	Square	Square	Square	Square	Round	Round
Antenna type	Whip	Whip	Whip	Loop	Loop	Loop
Antenna length (mm)	80	80	100	-	-	-
Antenna angle option	45° or 90°	45° or 90°	45° or 90°	-	-	-
Antenna protection option	Spring	Heatshrink	Heatshrink	-	-	-

1. Maximum theoretical life at 25 °C using cell manufacturers stated capacity. Actual lives may vary at the extremes of the operating temperature range by up to 50%. Life calculation based on continuous operation at 18 ms Pulse Width

Features and specifications subject to change without notice.



V1L 118B



V2L 123A



V2L 152A



V2L 161A



V2L 163A

Technical Specifications:

Operating temperature range: -20°C to +50°C

VHF frequency range: 142 MHz to 174 MHz

### Warranty

Kiwi VHF leg-bands 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 12 months, whichever is shorter. For Warranty terms and conditions, please review our [Warranty Statement](#).

### Accessories

A VHF tracking receiver and Yagi antenna are required to track down the tags.