



VHF Avian Tags for smaller species

Technology:  Radio

Product:  Tag

Emperor dragonfly (*Anax imperator*)



PicoPip Ag337
(coffee bean for scale)

Highly customised, reliable tags for all types of birds, bats and bugs

Our PicoPip series is just what you need for a wide range of birds, bats and insects. Decide on the right balance of signal strength, operating life and sensing options, then specify the ideal tag for your study, with expert guidance from one of our Avian Telemetry Specialists. Our PicoPip Ag337 tag is so small it can be used on insects. In its lightest form (only 0.31 g) it has a 5cm antenna with a very lightweight coating and is activated by cutting a wire.

For species that can wear collars, please see our Pip collar range.

Options

- Attachment: Backpack, Tailmount, Necklace, Legmount
- Sensing: Activity, Posture, Temperature
- Start-up: Magnet or wire

Features:



Temperature



Activity

Lightest VHF tags:

Our smallest PicoPip, the Ag337 is only 0.31 g

Signal Strength:

Strong signal strength for a tiny tag

Legacy:

Our range of PicoPip radio tags have been the tags of choice for decades by researchers around the world.

Product Applications

While GPS and other technologies reduce labour costs, there are times when those technologies simply don't work, E.g. with creatures that are not out in the open, or are too small to carry a GPS tag.

VHF tags allow you to find the your tagged individual in the field, so you can be more exact about the habitat they are using, and discover exactly what they are doing there. They are therefore ideal for looking at local home-range movements, survival and sociality.

Model	Weight ^[1] (g)	Life ^[2] (days)	Size (LxWxH) (mm)
PicoPip (Ag337)	0.31	20	13 x 5 x 3
PicoPip (Ag317)	0.4	33	14 x 6 x 3
PicoPip (Ag379)	0.44	42	14 x 6 x 4
PicoPip (Ag376)	0.63	75	17 x 8 x 5
PicoPip (Ag392)	1.2	113	17 x 8 x 6
PicoPipLL (Ag393)	1.4	217	24 x 9 x 7
PicoPipLL (Ag386)	2.2	346	32 x 13 x 7
PicoPipLL (Ag357)	4	365	32 x 12 x 7

1. Minimum weight. Tags for some species require extra protection or range that can increase the weight.
2. Maximum life based on pulse length 15 ms and pulse rate 30 pulses per minute at 25°C

Features and specifications subject to change without notice.



PicoPip
(Ag337)



PicoPip
(Ag317)



PicoPip
(Ag379)



PicoPip
(Ag376)



PicoPipLL
(Ag357)

Models available in a variety of custom configurations. Please contact a Lotek Telemetry Specialist to discuss your needs.

Warranty

PicoPip 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](#).

Warranty

We supply receivers and antennas for tracking the small VHF tags. See our website or contact us for more details of our Biotracker receiver and Yagi antenna for mobile tracking, or SRX receiver for data-logging.