

LowlandTag Manual

(preliminary)

Introduction

The LowlandTag is our lightweight tag, developed to find nests of the Asian hornet by radio-tracking.

It is equipped with a rechargeable lithium battery. To recharge this battery, use the LowlandTag-Charger.

Handling the LowlandTag

Our LowlandTag transmitters require certain handling precautions.

The transmitters should not be subjected to excessive pressure. To avoid damage, handle it softly and never bend the tag.

How to start/stop the LowlandTag:

The LowlandTag has 5 gold plated contacts.

They can be used to start or stop the tag.

To start: make a connection(with a fine metal tweezzer) between GND and C1 during at least 0.5 seconds. The tag will start emitting according his programmed sequence.

(for example: period: 1 second; pulse width: 8 ms)

To stop: make a connection between GND and CLR, the tag stops immediately.

Do not make other connections!

Verify that the tag has been activated and check the best reception frequency on your receiver.

If you want the tag becomes water resistant, you can dip the tag in a removable liquid rubber coating. Be aware, the weight will increase! Removing the coating should be done very carefully, no damage to the tag or bending the tag is allowed! Do not use this technique if there is no need to.

