

180 kHz Vemco Tag Activator Getting Started Guide

This device is used to activate and deactivate 180 kHz tags.



Tag Activator Model	180 kHz Tag Model
VTA-180k-200 is used with:	V5
	V5D
VTA-180k-V9 is used with:	V7
	V9

How to use the Vemco Tag Activator (VTA):

Step 1

Insert Tag into VTA

Ensure that the tag is **DRY** before placing it in the VTA unit.

Place the **dry** 180 kHz tag, ceramic-end down, into the center hole of the black "puck" on the face of the VTA.

For the **V5/V5D** tags, place the ceramic end down.

For **V7/V9** tags, label up/ sensor end down.



Ceramic-end of the tag faces down (shorter and wider end of the V5 tag, as shown above).



(V9P tag shown)

Step 2

Start VTA

Press and release the green button to turn the tag ON or the red button to turn the tag OFF.

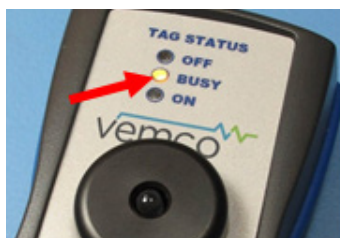


Press both buttons to report the status of the tag (ON or OFF).

Step 3

VTA Processing

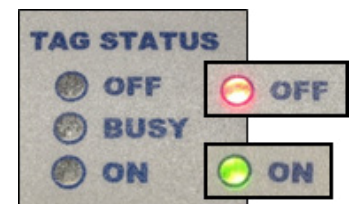
Wait until the yellow **BUSY** light turns off.



Step 4

Tag Status Determined by VTA

Check the colour of the light when the **BUSY** light turns off. The status of the tag is indicated by the red **OFF** light or the green **ON** light.



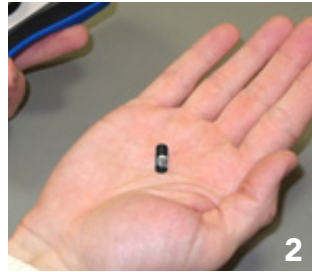
If the red **OFF** light flashes 10 times:

This indicates that the activation/deactivation did not occur. Repeat Steps 2-3. If the desired result does not occur after several attempts, contact Innovasea Support, support.team@innovasea.com.

Step 5

Remove Tag from VTA

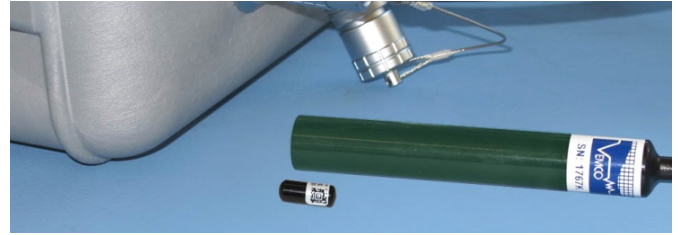
Carefully remove the tag. The tag can be damaged if it is dropped.



Step 6

Validate Tag

Validate the tag and ID using an Innovasea 180 kHz receiver, such as the VR100 with a 180 kHz hydrophone (V7 tag shown).



Use the VTA at least 61 cm (24") away from other tags to avoid the chance of acoustic interference.

Frequently Asked Questions

How can I determine the current state of the tag?

Press and release both buttons within three seconds of each other while the tag is in the VTA unit and wait for the BUSY light to stop flashing. The green light indicates the tag is on, the red light indicates the tag is off.

Note: this does not change the current status of the tag.

How do I turn off the VTA?

The VTA will automatically shut off a few minutes after it was last used.

Why is the VTA beeping?

The VTA will beep when it hears any active tag within 61 cm (24 inches). Always use the light indicator to know the state of the tag in the VTA and keep all other activated tags at least 61 cm (24 inches) from the VTA.

What does it mean when the red light flashes 10 times?

This indicates an error has occurred during tag activation/deactivation. Remove the tag from the activator slot and verify both the tag and activator are dry. Water in the activation slot can cause communication errors with the tag. It may be necessary to repeat the activation sequence several times if the tag does not activate on the first attempt. The VTA is an acoustic receiver and may experience interference with communication during the activation sequence.

What does it mean when all three lights are flashing?

When all three lights flash 10 times, the VTA unit's battery is low and needs to be changed. Use a Philips screwdriver to open the battery compartment on the back of the VTA and replace the three AAA batteries.

IMPORTANT NOTE - The VTA is NOT waterproof or splash proof. Please make every effort to keep the unit dry.

Questions? Contact Us.

If you have any questions or require assistance, please visit support.fishtracking.innovasea.com or email support.team@innovasea.com

