

Pelican V-Tail on DX9 version 2.10

Basic V-Tail set up for electric motor airplane with two servos and without ailerons. Pelicans do not have aileron wings, so this model does not have ailerons. This setup will work with Mode 1 or 2 Transmitters. Spektrum transmitters may display “configuring” when binding.

Hardware:

- Connect ESC Throttle to Receiver Throttle Channel 1
- Receiver Channel 2 for Aileron is not used unless aircraft has ailerons
- Connect left side V-Tail servo to Receiver Elevator Channel 3
- Connect right side V-Tail servo to Receiver Rudder Channel 4

Transmitter System Setup

- Model Type: Airplane
- Model Name: Pelican
- Aircraft Type:
 - Wing: Dual Ail
 - Tail: V-Tail

If you want to use the Aileron Stick to fly, both Rudder and Aileron Sticks will work with the below Mixing, but Mixing not required to only use the Rudder Stick. Your preference may depend on if you fly Transmitter Mode 1 or 2.

Transmitter Function List

- Mixing: Ail > Rud: On (This allows using Rudder or Aileron Stick to fly.)
- Right: 100%
- Left: 100%
- Switch: On

How control surfaces should work **when viewed from rear of airplane:**

- For Elevator Up, both V-Tail surfaces should go Up
- For Right Yaw, Left side goes Up, Right side goes down
- For Left Yaw, Left side goes down, Right side goes Up

Check Elevator control first and if servos are moving control surfaces in the wrong direction, you can reverse them in Function List >Servo Setup> Reverse.

Reference: [Receiver channel Assignment](#)

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