E-flite Havoc Xe 80mm 9ch Full Span Wing Presets

*Requires SPMAR9350

This Transmitter file for iX12 and DX series radios and the Receiver file for the 9350 can be found on the following website.

www.spektrumrc.com

www.horizonhobby.com

Transmitter Preset File

https://www.spektrumrc.com/Products/Default.aspx?ProdID=SPMR12000

Go to Manuals and Support Tab – Click on DOWNLOAD IX12 SETUPS –

Scroll down to and download **EFL7550 Havoc Xe AR9350 Full Span Wing Tx Preset**

Import file onto your Transmitter

(This also applies for Gen 2 DX models)

AR9350 Receiver Preset File

https://www.spektrumrc.com/Products/Default.aspx?ProdID=SPMAR9350

Go to Manuals and Support Tab – Click on RECEIVER CONFIGURATIONS –

Scroll down and download to **EFL7550 Havoc Xe AR9350 Full Span Wing Rx Preset (PC or iOS)**

Import file onto your AR9350 via PC or iOS App

(This will only work on a Spektrum AR9350 Receiver)

Preset Switch Locations

Using the TX and RX (9350) files listed will result in the TX and RX being set to the configuration listed

- Switch A – Gear Channel
  - Pos 0 – Gear Down
  - Pos 1 – Gear Up

- Switch B – Full Span Wing Option
  - Pos 0 – Regular Ailerons
  - Pos 1 – Regular Ailerons
  - Pos 2 – Full Span Ailerons *(Use with caution until comfortable with the roll rate)*

- Switch C – Elevator Dual Rates
  - Pos 0 – Elevator High Rate
  - Pos 1 – Elevator Mid Rate
  - Pos 2 – Elevator Low Rate

- Switch D – Flaps
    - Pos 0 – Normal Flight
    - Pos 1 – Take Off Flaps
    - Pos 2 – Landing Flaps

  (Switch D is also your flight mode switch and is set to allow for independent flight trims)

- Switch E – Gyro Gains
    - Pos 0 – Gyro High Gain
    - Pos 1 – Gyro Mid Gain
    - Pos 2 – Gyro Off

- Switch F – Aileron Dual Rates
    - Pos 0 – Aileron High Rate
    - Pos 1 – Aileron Mid Rate
    - Pos 2 – Aileron Low Rate

- Switch G – Rudder Dual Rates
    - Pos 0 – Rudder High Rate
    - Pos 1 – Rudder Mid Rate
    - Pos 2 – Rudder Low Rate

- Switch H – Throttle Hold
    - Pos 0 – Throttle Hold Off
    - Pos 1 – Throttle Hold On

Control Horn and Servo Arm locations

(PLEASE note that this will result in the Havoc controls being much more responsive especially while using full span ailerons! Suggest Expo Increase for first flights!)

- Aileron – Control Horn and Servo Arm all the way out
- Flaps – Control Horn and Servo Arm all the way out
- Elevator – Control Horn and Servo Arm all the way out
- Rudder – Control Horn (inside hole) and Servo Arm all the way out

9350 RX servo port locations

Programmed using the Spektrum AS3X Apple IOS App

A programming cable (SPMA3065) or a Bluetooth Programming Module (SPMBT1000) is required.

- Bind/Program – (**Hint**) adding a 3 or 6 inch extension lead here will make binding and programming much easier after the RX is installed.
- CH1 = Throttle
- CH2 = Right Aileron
- CH3 = Elevator
- CH4 = Rudder
- CH5 = Gear
- CH6 = Left Aileron
- CH7 = Right Flap
- CH8 = Left Flap

When installing the RX use of a very good double stick tape. It is important that the RX does not move or come lose in flight.