

BASIC 5- 6-CHANNEL SETUP

2 Aileron Channels, Optional D/R Switch/Flight Mode Switch, Optional Retracts

This example identifies the steps necessary to program a basic 5- or 6-channel setup where the ailerons are controlled by 2 separate channels and Dual Rates/Exponential curves are controlled either by individual switches for Aileron, Elevator and Rudder, or via a single Flight Mode switch. It may optionally be equipped with retractable landing gear as the 5th channel.

RECEIVER CONNECTIONS

<u>RX CHANNEL</u>	<u>SERVO</u>
1 Throttle	Throttle
2 Aileron	Right Aileron
3 Elevator	Elevator
4 Rudder	Rudder
5 Gear (if equipped)	Retract (or 2 retract servos connected via "Y" harness)
6 Flap (AUX1)	Left Aileron

1. Select a Model Memory using **Model SEL** in the SYSTEM Menu.
2. Reset the Model Memory using **MDL Reset** in the SYSTEM Menu.
3. Enter a Model Name using **MDL Name** in the SYSTEM Menu.
4. Set the Modulation Type to match the receiver using **MODULAT** in the SYSTEM Menu.
5. Select the **FLAPERON** Wing Type by accessing **Wing Type** in the SYSTEM Menu.
6. Inhibit the Flap **TRIM** in the **Devic.SEL** function of the SYSTEM Menu.
7. If the Flaperons are to also be used as Flaps, Set the OUT line for FLAP to **SYS** in the **Devic. SEL** Menu. This will cause the **FLAP SYS** function to appear in the Function List. If the ailerons are not going to be used as flaps, Inhibit the Flap Channel in the **Devic.SEL** function.
8. Plug servos into the RX and check servo directions. Reverse servos as may be necessary using **REV.SW** in the Function List.
9. Install servo arms so they are 90 degrees to the linkage. Use **Sub Trim** in the Function List to fine-tune the arms so they are 90 degrees to the linkages.
10. Adjust travel of each servo in both directions using **TRVL ADJ.** In the Function List.
11. If Dual Rates are to be combined on 1 switch, access the **Devic.SEL** function in the SYSTEM Menu and **Activate Flight Modes**. Also Set Dual Rates to **FM** in the same function.
12. If the Flaperons are also to be used as flaps, Access **Flap SYS** in the Function List to set flap deflections, elevator compensation, and Flap Delay.
13. Set up Dual Rate and Exponential curves using **D/R & EXP** in the Function List.
14. If throttle response is not linear, set up a throttle curve using **THRO CURV** in the Function List.
15. If Aileron Differential is required, access **AIL DIFF.** In the Function List and set values.
16. If Flaps are to be used and Elevator to Flap mixing is desired for tight loops, access **ELE→FLP M** in the Function List and set throws.
12. Set up a count down timer using **TIMER** to help prevent running out of fuel while flying.
13. After test flying and fine-tuning the programming, use **COPY** in the **Model SEL** function contained in the SYSTEM Menu to make a backup copy of the program.