

Radian Pro DX7/7se Setup

With the DX7 you can take full advantage of the possible mixing options on the Radian Pro. This setup allows for CROW, camber and reflex, and normal flaps to be programmed into the radio.

The setup listed has the flaps operated by the AUX 2 switch on the DX7. The 3-position flaps switch controls the camber and reflex and the gear switch activates the CROW.

This setup uses a 6 channel receiver. If a 7 channel receiver is used, for the mixing to work correctly, the flaps must use the Y-Harness.

CAUTION: When setting up the airplane with the airplane turned on, it is advisable to unplug the motor or remove the propeller to prevent the motor from accidentally going to full throttle, if throttle is selected when setting up one of the mixes.

Setting up Dual Aileron

In the main setup menu, turn FLAPERON to ON.

Reversing

Throttle: normal
Aileron: reverse
Elevator: reverse
Rudder: reverse
Gear: normal
Flap: reverse
AUX2: normal

Setting up the Flaps on the Gear Channel

Adjust the travel adjust on the gear so when the gear switch is in the up position the flaps are even with the trailing edge of the wing. When the gear switch is moved to the down position, set the value to give the amount of flap throw listed in the manual.

Setting up the Aileron for Camber and Reflex

1. Go to the FLAP SYS menu
2. Set the NORM to U 20%
3. Set MID to 0%
4. Set LAND to DN 20%

These values give the amount of up and down aileron when using the camber and reflex.

Setting up Aileron for CROW

1. Go to PROG. MIX 1
2. Activate the mix
3. Select GEAR→FLAP
4. On the rate, set switch position 0 to 0%
5. Set the 1 position to -80%
6. Set switch to ON (SW: ON)

This mixes the flaps to the gear channel allowing you to set up the CROW. The number you select for the #1 position will control how much up aileron you will have when CROW is engaged.

Setting up Flaps for Camber and Reflex

1. Go to PROG. MIX 2
2. Activate the mix
3. Select FLAP→GEAR
4. On the rate, set position 0 to 50%
5. On the rate, set position 1 to 50%
6. Set switch to ON (SW: ON)

This mixes the flaps with the aileron to give you the amount of up and down flap when using the camber and reflex. This adjusts the amount of reflex or camber you would adjust with this mix and the FLAP SYS values to have the flaps and aileron moving the same distance up and down.

Setting up Flaps

1. Go to PROG. MIX 3
2. Activate the mix
3. Select AUX 2→GEAR
4. On the rate, set switch 0 to 0%
5. On the rate, set position 1 to +100%
6. Set switch to ON (SW: ON)
7. This mix puts the flaps onto the AUX 2 switch for simple flaps.

Setting up Elevator Compensation for the CROW

1. Go to PROG. MIX 4
2. Activate the mix
3. Select GEAR→ELEV
4. On the rate, set switch 0 to 0%
5. On the rate, set position 1 to -15%
6. Set switch to ON (SW: ON)

This mixes the elevator to the gear switch that controls CROW to allow for elevator compensation when CROW is activated. Adjust the #1 position to fine-tune the amount of down elevator required when CROW is activated.

Setting up Elevator Compensation for the Flaps

1. Go to PROG. MIX 5
2. Activate the mix
3. Select AUX 2→ELEV
4. On the rate, set switch 0 to 0%
5. On the rate, set position 1 to -15%
6. Set switch to ON (SW: ON)

This mixes the elevator to the AUX 2 switch that controls flaps to allow for elevator compensation when the flaps are activated. Adjust the #1 position to fine-tune the amount of down elevator required when the flaps are activated.