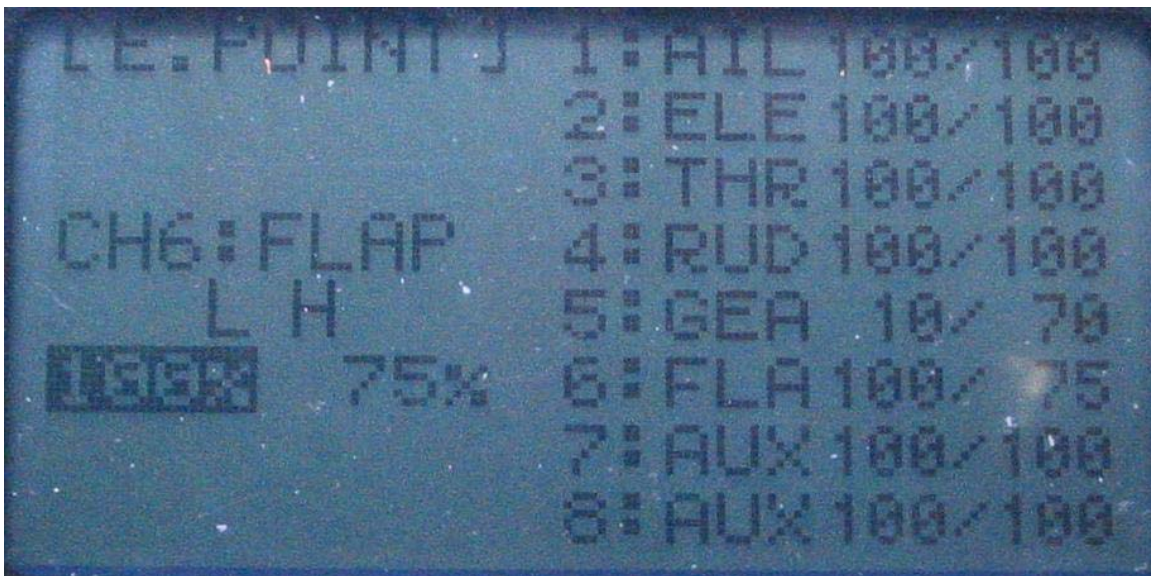


Setting Stick Priority on a Futaba 9CAP Transmitter

Co-Pilot CPD and FS8 can have a more natural feel when the remote gain is controlled by the aileron/elevator stick movement. When the stick is moved away from center, the remote gain will turn off Co-Pilot. This allows smooth snap rolls and loops. When the stick is returned to center, stabilization is instantly restored and the aircraft exits the maneuver level.

Follow these steps to set stick priority on a Futaba transmitter. If a different channel is used for the Remote on/off, substitute that channel for the channel 5 here.

Step 1) The Remote on/off is assumed to be on the Gear switch on channel 5. If channel 6 is needed, set the throws as channel 6 below. Also, to use channel 6 instead of channel 5, change the MASTer channel to 6 in program modes 1 & 2.



Here are the details for step 1.

- Press and hold MODE to enter setup.
- Roll the knob down to END POINT
- Press the knob down to select END POINT
- Press the DOWN button to select channel 5 or channel 6 (which ever one is for the remote on/off)
- Press the + or - key to select 75%
- Turn the knob to set the percentages as above.
- Press END 2 times to exit.

Step 2) Set Program Mix1 with the following. The AILERON (ch1) mixes into the GEAR (ch5) channel.



Here are the details for step 2)

- a) Press MODE and hold to enter setup
- b) Press MODE to select program mixes
- c) Press the KNOB to select PROG.MIX1
- d) Press MODE to bring up the screen above
- e) Use the KNOB to turn MIX>ON
- f) Go to the next line with the DOWN button
- g) Use the KNOB to set MAS>AILE
- h) Go to the next line with the DOWN button
- i) Use the KNOB to set SLV>FLAP. If the gear knob is to be used, select GEAR here.

Step 3) Set program mix 1



Here are the details for step 3)

- h) When in step 2 above, press the mode button to enter Program Mix 1 Setup (Screen shown above)
- i) Move the Aileron Stick to the LEFT and use the KNOB to set +100%
- j) Move the Aileron Stick to the RIGHT and use the KNOB to set -100%
- k) Press END twice to exit.

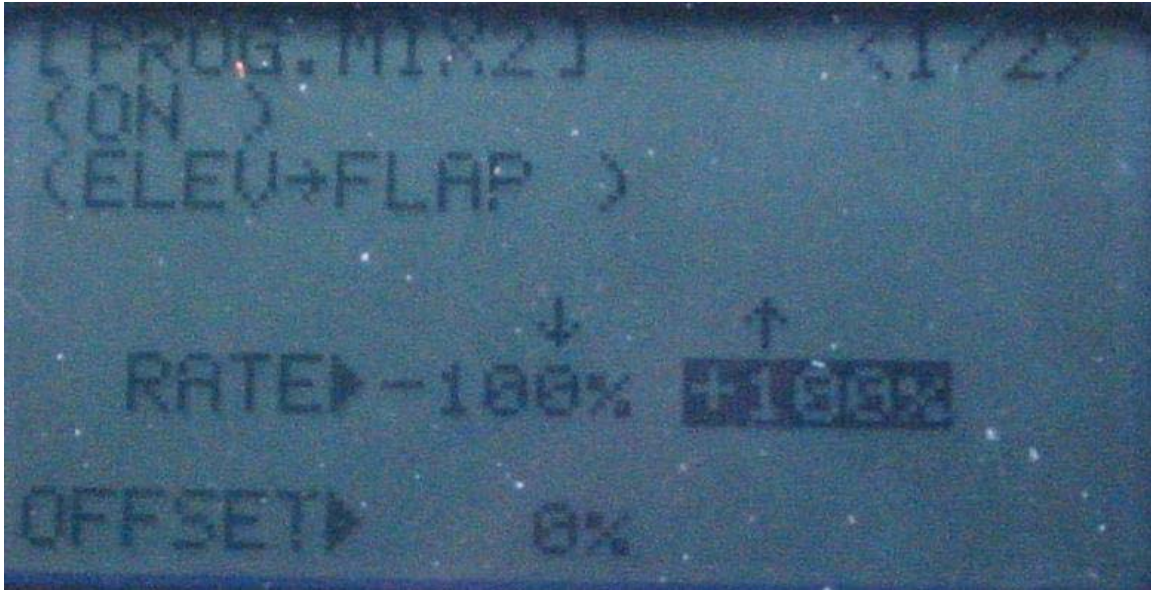
Step 4) Set Program Mix2 with the following. The ELEVATOR (ch2) mixes into the GEAR (ch5) channel.



Here are the details for step 4)

- j) Press MODE and hold to enter setup
- k) Press MODE to select program mixes
- l) Rotate the KNOB to choose PROG MIX2
- m) Press the KNOB to select PROG.MIX2
- n) Press MODE to bring up the screen above
- o) Use the KNOB to turn MIX>ON
- p) Go to the next line with the DOWN button
- q) Use the KNOB to set MAS>ELEV
- r) Go to the next line with the DOWN button
- s) Use the KNOB to set SLV>FLAP. If the gear knob is to be used, select GEAR here.

Step 5) Set program mix 2



Here are the details for step 5)

- l) When in step 4 above, press the mode button to enter Program Mix 2 Setup (Screen shown above)
- m) Move the ELEVATOR Stick back and use the KNOB to set -100%
- n) Move the ELEVATOR Stick forward and use the KNOB to set +100%
- o) Press END twice to exit.

Moving the stick any direction, moves the Remote on/off channel down.

On this transmitter, the ELE. D/R switch will turn the program mixes on or off. Leave that switch down to keep the mixes on.

You can test the stick remote by moving your hand around the sensor. The response of the sensor should go to zero at full stick movement of the aileron or elevator.

The AutoTrim feature should be left on with Stick Priority. But, if it needs to be turned off, follow the instructions in the CoPilot or FS8 manual.

Any questions can be emailed to nathan@fmadirect.com