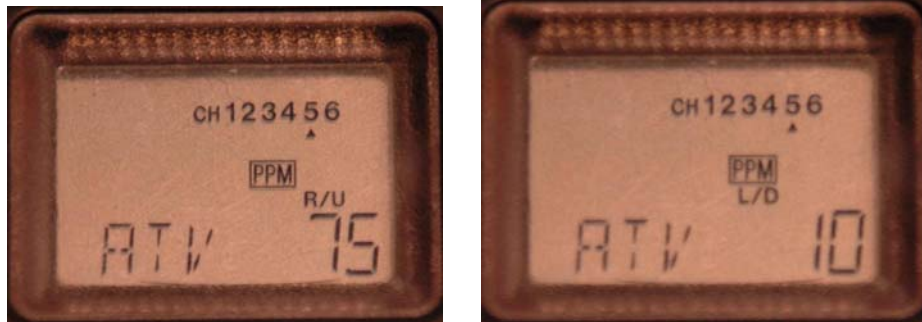


Setting Stick Priority on a Futaba T6X Transmitter

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.

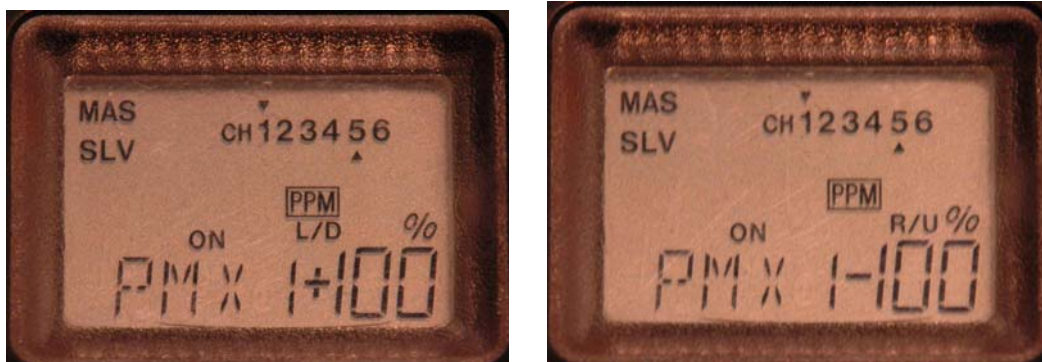
Step 1) The Remote on/off is assumed to be on the Gear switch on channel 5. The gear switch must be set to 75% and 10%.



Here are the details for step 1.

- a) Press MENU (UP and DN keys together) to enter setup
- b) Press UP until you see ATV
- c) Press CURSOR to select channel 5
- d) Flip the Gear switch up
- e) Press the + or - key to select 75%
- f) Flip the Gear switch down
- g) Press the + or - key to select 10%
- h) Press MENU (UP and DN keys together) to exit setup

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

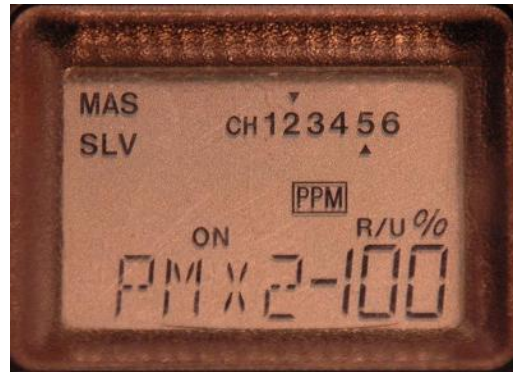
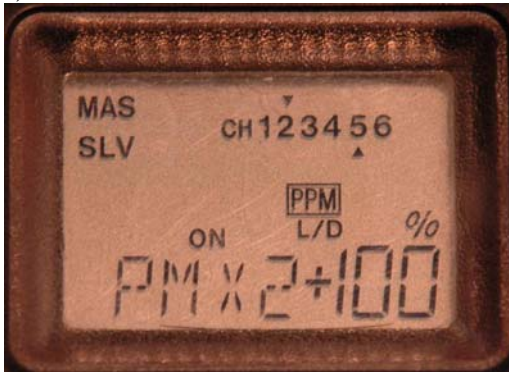


Here are the details for step 2)

- a) Press MENU (UP and DN keys together) to enter setup
- b) Press UP until you see PMx1

- c) Press CURSOR until the arrow on the top (MASter) is blinking
- d) Press the + or – key to select channel 1 as the MASter
- e) Press CURSOR until the arrow on the bottom SLV (Slave) is blinking
- f) Press the + or – key to select channel 5 as the SLV (Slave)
- g) Press CURSOR until the +/- sign on the PMx1 Number is blinking
- h) Hold the aileron stick left to show L/D
- i) While holding the aileron stick left, press the + key to select a positive %
- j) Hold the aileron stick right to show R/U
- k) While holding the aileron stick right, press the – key to select a negative %
- l) Press CURSOR until the % is blinking
- m) Hold the aileron stick left so show L/D
- n) Press the + key to choose +100%
- o) Hold the aileron stick right so show R/U
- p) Press the + key to choose –100%
- q) Press CURSOR until INH or ON is blinking
- r) Press the + key to choose ON
- s) Press MENU (UP and DN key together) to exit setup

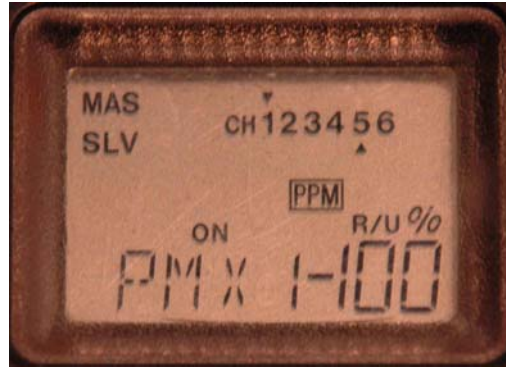
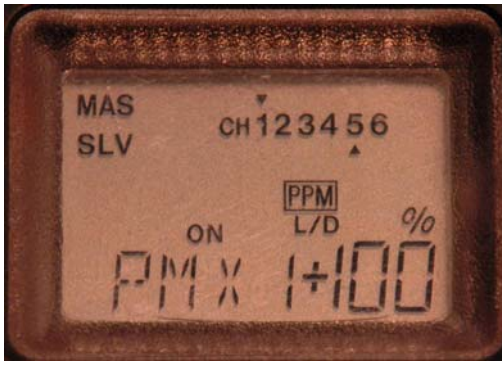
Step 3) Set Program Mix1 with the following. ELEVATOR (ch 2) mixes into the GEAR (ch5) channel.



Here are the details for step 3)

- i) Press MENU (UP and DN keys together) to enter setup
- j) Press UP until you see ATV
- k) Press CURSOR to select channel 5
- l) Flip the Gear switch up
- m) Press the + or – key to select 75%
- n) Flip the Gear switch down
- o) Press the + or – key to select 10%
- p) Press MENU (UP and DN keys together) to exit setup

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 MENU (UP and DN keys together) to enter setup
- b) Press UP until you see PMx2
- c) Press CURSOR until the arrow on the top (MASter) is blinking
- d) Press the + or – key to select channel 2 as the MASter
- e) Press CURSOR until the arrow on the bottom SLV (Slave) is blinking
- f) Press the + or – key to select channel 5 as the SLV (Slave)
- g) Press CURSOR until the +/- sign on the PMx1 Number is blinking
- h) Hold the elevator stick down (forward) to show L/D
- i) While holding the aileron stick left, press the + key to select a positive %
- j) Hold the elevator stick up (back) to show R/U
- k) While holding the aileron stick right, press the – key to select a negative %
- l) Press CURSOR until the % is blinking
- m) Hold the elevator stick down (forward) to show L/D
- n) Press the + key to choose +100%
- o) Hold the elevator stick up (back) to show R/U
- p) Press the + key to choose –100%
- q) Press CURSOR until INH or ON is blinking
- r) Press the + key to choose ON
- s) Press MENU (UP and DN key together) to exit setup

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