

FLAP-ELEVATOR Mix (F-E)

This function is used to compensate for trim changes when flaps are deployed for show flight or landing by mixing in a small movement of elevator. The elevator should be adjusted to move only a small deflection amount: too much elevator can make the model difficult to control.

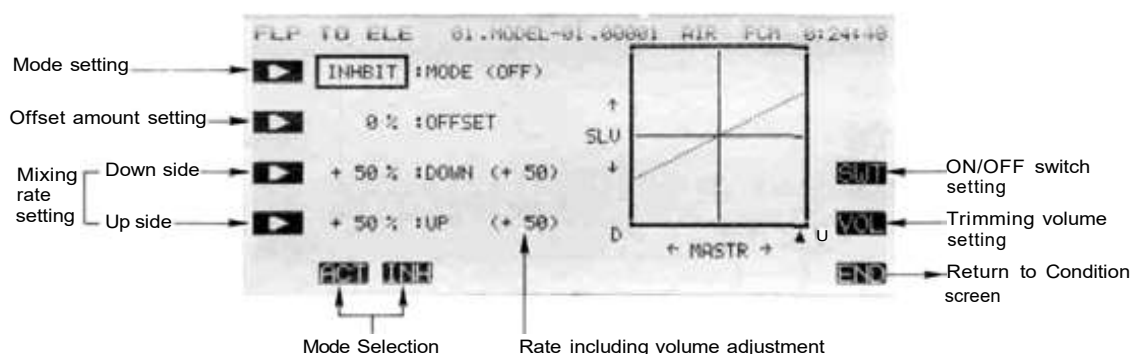
The amount of correction can be adjusted separately for both positive and negative flap inputs, and the neutral mixing position can be offset from the flap neutral position. Flap-to-elevator mixing can be turned on and off during flight by setting a switch, but if an ON/OFF switch is not set, it remains on all the time. The amount of mixing can be changed by setting a volume control.



Setting Up Flap-to-Elevator Mixing

Activation of command

In the Condition Menu, press the F-E key to get the FLP TO ELE menu shown below.



Use the A () key to activate mode setting, then press the ACT or INH keys (F and G) to activate or inhibit flap-to-elevator coupling.

Offset Position Setting

Use the B key to activate offset setting mode.

Then set the flap control to the offset position, and press the **SET** key F to store the desired position in memory.

Setting the Mixing Ratio — Down and Up Side

You now set the amount of mixing for down flap command. Press the C key to activate mixing ratio for the down direction and set the value with the numeric keys E to M . The number keys 0 through 100 input the value directly. The + and - keys increase or decrease the value by 1. The +/- key may be used to reverse the throw direction. Your setting may vary from —100 to +100%, the initial value is set to +50%.

Now set the amount of mixing for the up elevator command. Press the D key to activate mixing ratio for the Up direction and set the throw with the numeric keys as before.

On/Off Switch Setting

Initially an activation switch for is not set, meaning that once activated, this function is on all the time. If you would like to set a switch to turn it on and off, call the Switch Setting screen by pressing the SWT P key. Then use the keys to choose the desired switch location and on direction. For more information on the switch setting method, see page 37.

Trim volume setting

You may set up the Flap-to-Elevator mixing so that its effect may be changed in flight by moving a trim control. The trim control allows you to adjust the volume within $\pm 25\%$ of the set mixing rate, which can be handy for getting the best value while flying the model. This option is not activated at initial setup.

Call the volume setting screen by pressing the VOL O key, and select the desired control using the screen menus (for a description of the volume setting method, see page 37).

Use the END N key to leave this menu.