

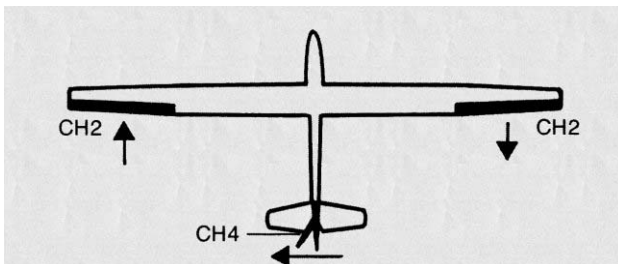
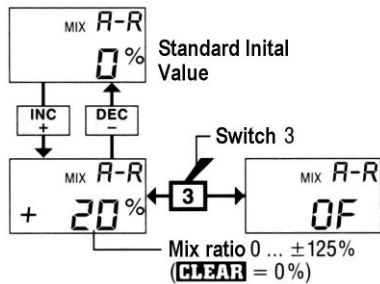


## 9 COMBI-MIX

Aileron → Rudder Mixer  
(access via Set-Up Menu)

When an aileron command is given, the rudder also moves to a pre-programmed extent. The rudder can be separately steered at any time with priority over the mixer.

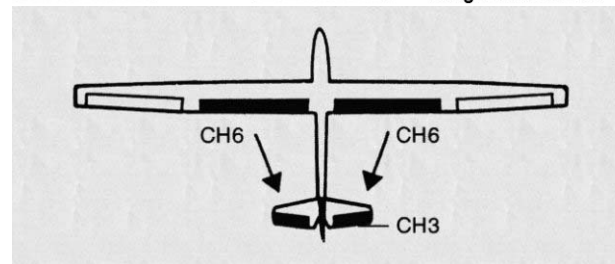
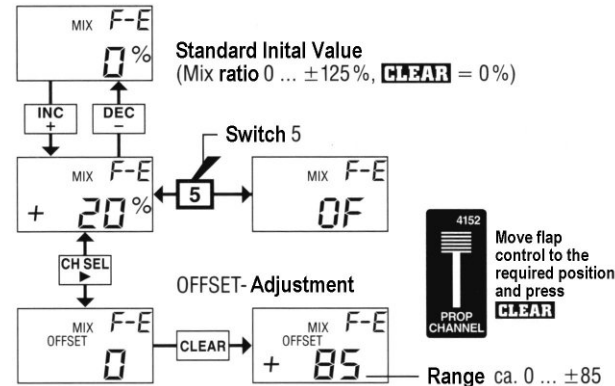
After calling the code, the **INC** and **DEC** buttons are used to adjust the ratio up to the maximum of ±125%. The Combi-Mixer can be turned on and off using an external switch connected to socket 3.



## 10 FLAP → ELEVATOR MIXER

Flap → Elevator Mixer  
(access via Set-Up Menu)

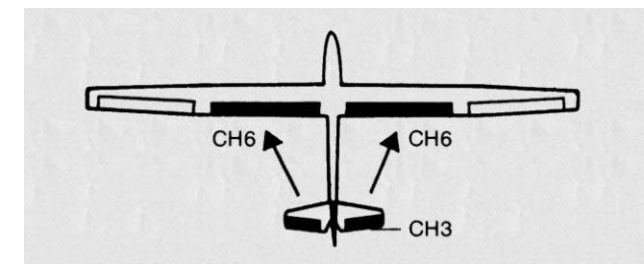
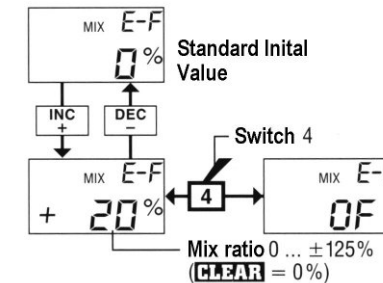
During slow flight when extending flaps, automatic proportional correction of elevator is made, thus the pitch attitude of the model becomes independent of the position of the flaps. The mix portion is entered in the code "F-E", the **INC** and **DEC** buttons, between 0 and ±125%. Next the mixer neutral point must be specified. The mixer must be informed which position of the input (normally sliding control 6) for the flaps, corresponds to normal flight (flaps neutral). Thus the elevator takes this position to be its neutral, and only when the flaps are moved from this position does the mixer affect the elevator. pressing the **CH SEL** button to call up the offset screen. Move the control to the required neutral position (e.g. the end position of the flap control) and press the **CLEAR** button. The offset, the deviation from the control centre position, is indicated in the display. A switch connected to socket 5 of the transmitter board can be used to switch off this function.



## 11 ELEVATOR → FLAP MIXER

Elevator → Flap Mixer  
(access via Set-Up Menu)

To assist the elevator with close turning flight and aerobatics, the flaps can be linked to the elevator and are driven out proportionally to the increase the wing lift. The value in the code "E-F" can be varied using the **INC** and **DEC** buttons between 0 and ±125%. The mixer can be also switched off with an external switch connected to socket 4.





# UNIFLY

## Model Type Described

In contrast to the Standard model type, the "UNIFLY" type is used where separate aileron servos are used, in place of a single common servo, which are by already software coupled. This permits independent adjustment of the aileron deflections upward and downward, which allows a differential mixer to be used.

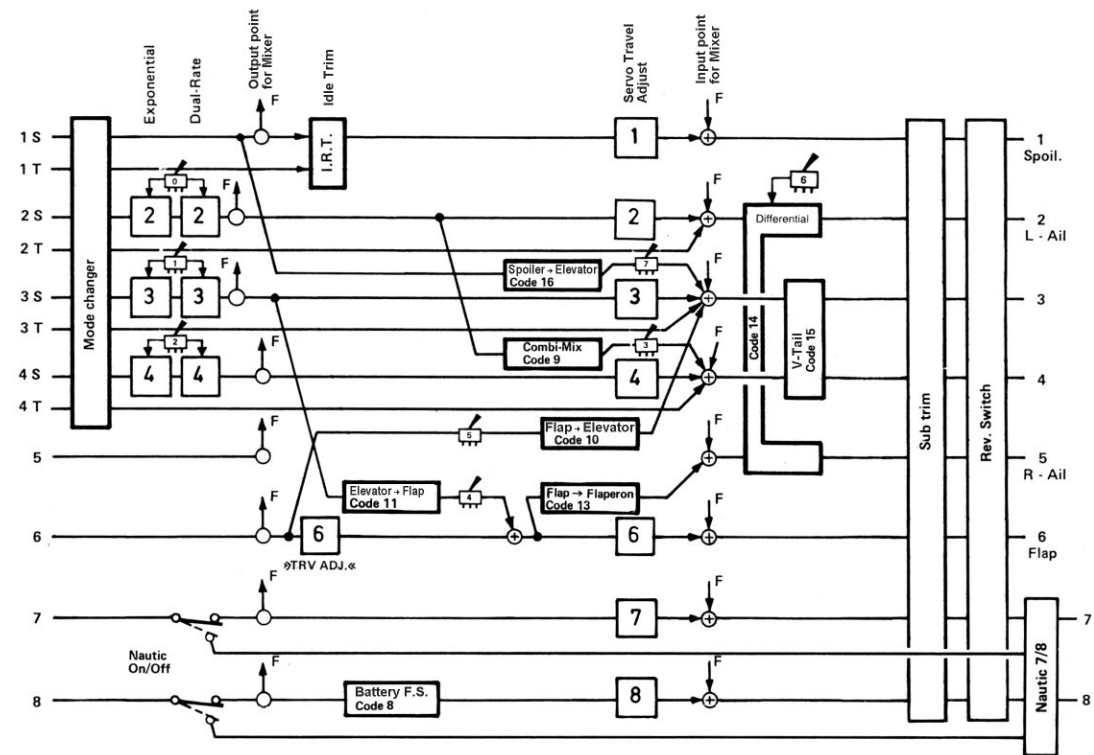
In addition, the separate controlling of the aileron surfaces makes it possible to operate the both surfaces in the same direction giving a flap function, or Flaperons, e.g. realized using the mixer Flap → Flaperon.

Also set-up is spoiler → elevator mixing, which can be used in order to maintain a constant pitch attitude when using the flaps.

For further linkages, there are also three freely programmable mixers available.

A delta mixer is not intended with this type.

## Block Diagram UNIFLY "UN"



### Allocation of Receiver Connections (ch 1 - 8)

The servos must be connected to the receiver connections as follows:

