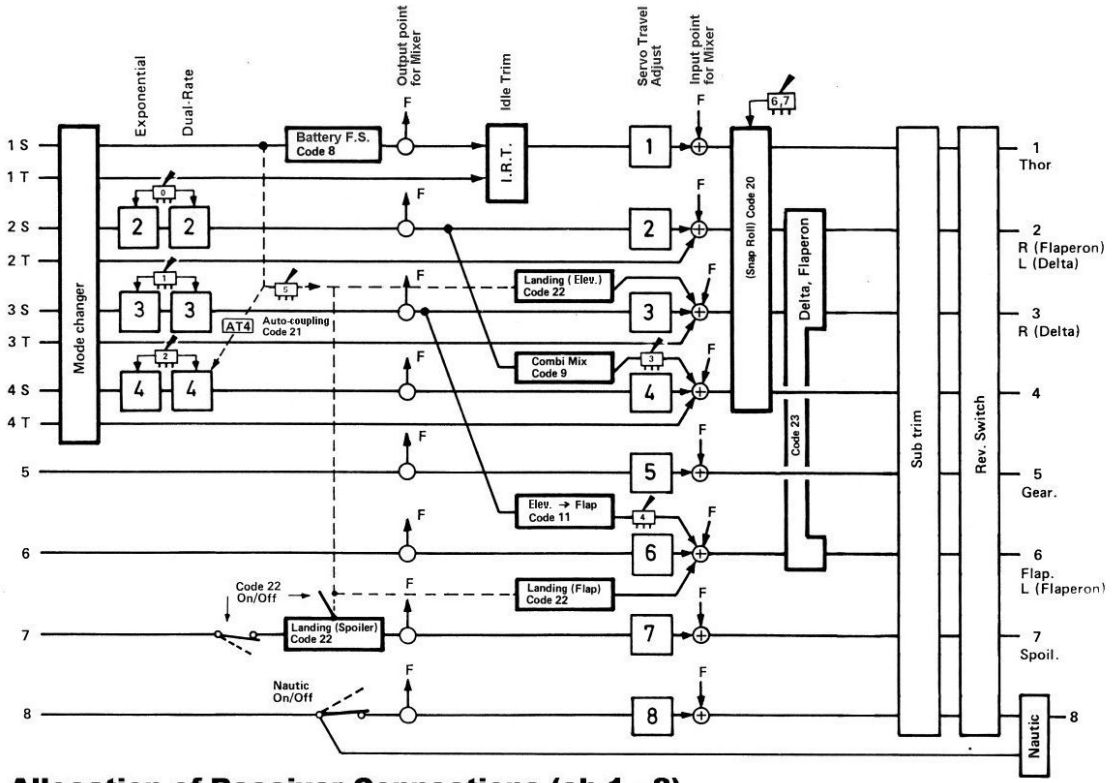
For your Notes

ACROBATIC

Model Type Described

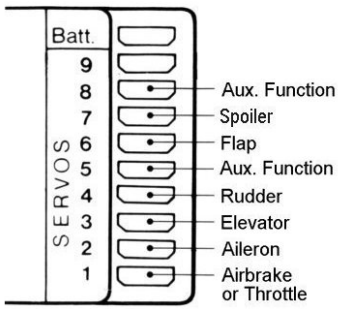
The basic version of this program allows Motor (or airbrake), Aileron, Elevator, Rudder, Flap and Spoiler. Receiver outputs 5 and 8 are available for auxiliary functions, e.g. retractable undercarriage, mixture control for the motor, etc. Also included is a ready made mixer for Elevator ➡ Flap mixing. Other mixing functions can be achieved using the 3 freely programmable mixers available.
The Combi-mixer for aileron ➡ rudder mixing is available. The main advantage of the ACROBATIC program is that many different tasks can be achieved by activating the preset mixers available.
The “Automatic Landing” program allows control of the motor, elevator, flaps and spoilers in a freely programmable set-up. The “Automatic Manoeuvre” program can be set-up to provide two different Snap-Roll directions by controlling the elevator, rudder and aileron whilst the motor servo is driving to a fixed position.
The wing programs allow Delta and Flaperon models to be accommodated. With Delta (or tailless) models, the elevator and aileron functions are mixed to the common surfaces full width along the trailing edge. The surfaces are moved in the same direction for elevator control and in opposition for aileron control. The servos must be connected to receiver outputs 2 and 6.

Block Diagram ACROBATIC “AC”

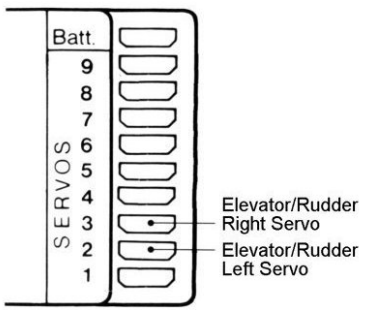


Allocation of Receiver Connections (ch 1 - 8)

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



Delta + Tailless



Flaperon