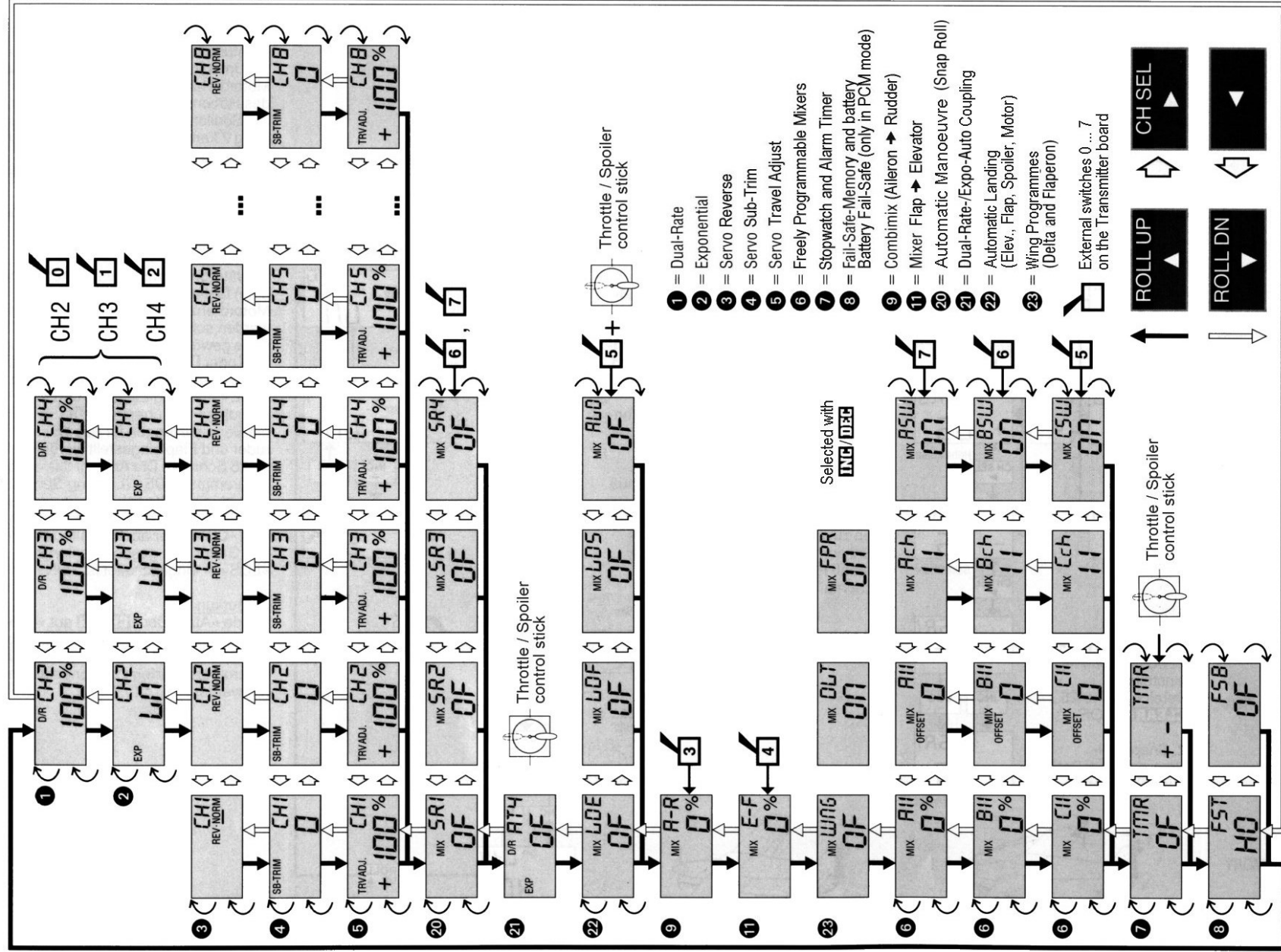


Block Diagram ACROBATIC »AC«



Set-up Diagram

Model Type "AC"
= ACROBATIC

All the mixers and adjustment values are set to 0 (= mixer off).
To adjust the mixer and adjustment values, while flying, we recommend fitting the 2-way momentary switch, Part No. 4160.44 (see page 10)

1 ... 5, 7, 8

Adjustments 1 ... 7, 8 are available for all model types

20 MIX SR ... (Snap Roll)

Automatic Manoeuvre

With operation of the Snap-Roll switch the servos for ailerons, elevator, rudder and throttle move to a pre-programmed position.
There are two Snap-Roll programs available, i.e. Snap roll left & right.

21 AT 4

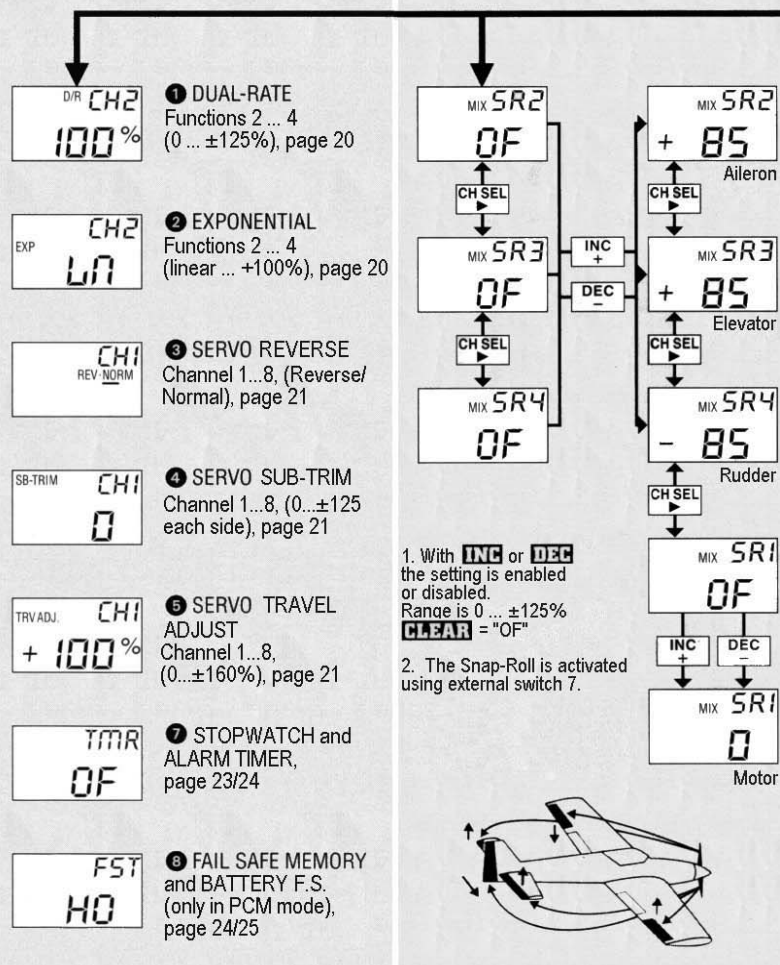
Dual Rate and Exponential Auto-coupling

When the position of the throttle stick is approx. 70% towards full power, the Dual-Rate and Exponential function for the rudder automatically switches to the alternate setting. This only works if the associated Dual-Rate / Exponential switch (in transmitter board socket 2) is switched off.

22 MIX LD ... (Auto-Landing)

Automatic Landing

When the throttle stick is moved near the idle position, pre-programmed positions for flap "LDF", and elevator "LDE" are automatically selected. Additionally, a Spoiler attached to receiver output 7 can also be set-up to move to a pre-programmed position. The function can be switched on and off using an external switch connected to socket 5



Programming Example:

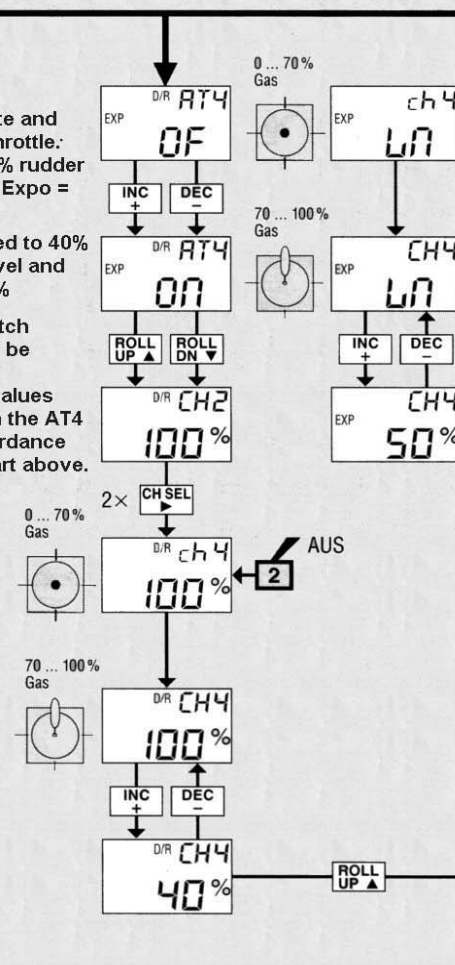
Automatic switching of Dual-Rate and Exponential for rudder at 70% throttle:

0 ... 70% throttle: D/R at 100% rudder travel and Expo = LN (linear)

70% ... 100% throttle: D/R reduced to 40% rudder travel and Expo = 50%

The Dual-Rate / Exponential switch for channel 4 (in socket 2) must be switched off.

The dual rate and Exponential values can be programmed before with the AT4 function switched off or in accordance with the accompanying flow chart above.



In the program "ALD" (Auto-Landing) it is necessary to specify below which throttle setting the program is to become effective. The value is adjusted by pressing **INC** or **DEC** until the desired throttle stick position is achieved. (**CLEAR** sets "ALD" to "OF"). After selection of "LDE" (Landing Elevator) or "LDF" (Landing Flap) using **CHSEL** the servo positions for the elevator or flap can be set (0... ±125 steps). The selection of the subroutine "LDS", permits, a spoiler servo attached to channel 7 to be switched on or off. The control for channel 7 is disabled so long as "LDS" is switched on.

Note:
If "ALD" was switched to "OF" using **CLEAR** the elevator, flap and spoilers can be driven to pre-programmed positions with switch 5.