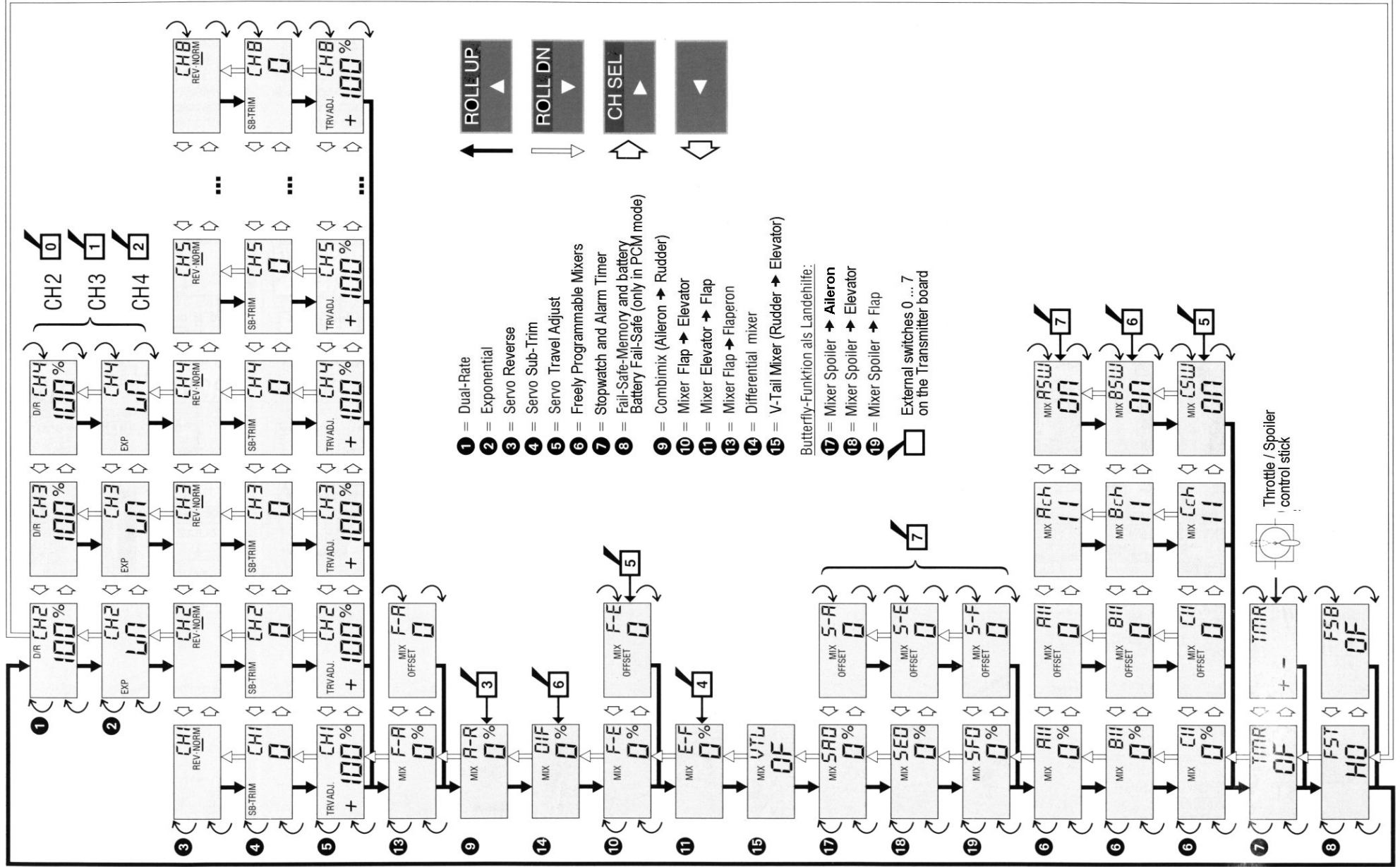


Block Diagram F3B/BUTTERFLY »Fb«



Set-up Diagram

TYP
Fb Model Type "Fb"
= F3B/BUTTERFLY

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

13 MIX F-A (Flap → Aileron)

Flap → Aileron

When the flap slide control is moved
(control input 6), this code moves both
ailerons in the same direction as the
flaps. This changes the camber of the
entire wing. The adjustment range is
0 ... ±125%.

9 MIX A-R (Aileron → Rudder)

Combi-Mix

When an aileron command is given, the
rudder also moves to a pre-programmed
extent (0 ... ±125%).
The mixer can be switched on and off via
an external switch connected to socket 3.

14 MIX DIF

Differential

Differential movement of the ailerons, i.e.
the ailerons having greater movement in
one direction than the other. The amount
of differential can be varied from 0%
(Normal) to 100% (Split - only one aileron
moves). You can switch between two
different settings using an external switch
connected to socket 6.

10 MIX F-E (Flap → Elevator)

Flap → Elevator

When the flap servo is operated, the
elevator is fed a pre-set corrective
signal (0 ... ±125%).
The mixer can be switched on and off
if an external switch is connected to
socket 5.

1 DUAL-RATE
Functions 2 ... 4
(0 ... ±125%), page 20

2 EXPONENTIAL
Functions 2 ... 4
(linear ... +100%), page 20

3 SERVO REVERSE
Channel 1...8, (Reverse/
Normal), page 21

4 SERVO SUB-TRIM
Channel 1...8, (0...±125
each side), page 21

5 SERVO TRAVEL
ADJUST
Channel 1...8,
(0...±160%), page 21

7 STOPWATCH and
ALARM TIMER,
page 23/24

8 FAIL SAFE MEMORY
and BATTERY F.S.
(only in PCM mode),
page 24/25

Standard Initialised Value

MIX F-R
0 %

INC +
DEC -

MIX F-R
+ 20 %

Mix ratio 0 ... ±125%
(CLEAR = 0%)

CH SEL

MIX OFFSET
0

CLEAR

MIX OFFSET
+ 85

Range ca. -85 ... +85

4152
PROP CHANNEL

OFFSET Adjustment:
Move the control for
channel 6 to the
required position
and press **CLEAR**

Standard Initialised Value

MIX A-R
0 %

INC +
DEC -

MIX A-R
+ 20 %

Mix ratio (0 ... ±125%)
(CLEAR = 0%)

Switch 3

MIX A-R
OF

Standard Initialised Value

MIX DIF
0 %

INC +
DEC -

MIX DIF
0 %

Switch 6

MIX DIF
0 %

INC +
DEC -

MIX DIF
0 %

NORMAL = 0 %

DIFFERENTIAL

SPLIT = 100 %

Standard Initialised Value

MIX F-E
0 %

INC +
DEC -

MIX F-E
+ 20 %

Mix ratio (0 ... ±125%)
(CLEAR = 0%)

Switch 5

MIX F-E
OF

CH SEL

MIX OFFSET
0

CLEAR

MIX OFFSET
+ 85

4152
PROP CHANNEL

OFFSET Adjustment:
Move the control for
channel 6 to the
required position
and press **CLEAR**