







MENU OVERVIEW







SETUP MENU

(Menu-LED is steady ON)

		     					
Status-LED:		off	purple	red flashing	red	blue flashing	blue
A	Mounting orientation				upright (vertical)	flat (horizontal)*	
B	Swashplate - servo frequency	user defined	50 Hz*	65 Hz	120 Hz	165 Hz	200 Hz
C	Rudder - center position pulse length	user defined	960 µs		760 µs	1520 µs*	
D	Rudder - servo frequency	user defined	50 Hz*	165 Hz	270 Hz	333 Hz	560 Hz
E	Rudder - servo endpoints	use rudder stick to move servo to right endpoint and wait, then left endpoint and wait (or vice versa)					
F	Rudder - sensor direction				normal*	reversed	
G	Swashplate - servo centering	reference position	CH1 center pos.			CH2 center pos.	CH3 center pos.
H	Swashplate - mixer	user defined	mechanical	90°	120°*	140°	140° (1=1)
I	Swashplate - servo directions	nor rev rev	nor nor rev*			nor rev nor	nor nor nor
J	Swashplate - cyclic pitch geometry	aileron stick – adjust 6° cyclic pitch on the roll axis to one direction (blades aligned with fuselage)					
K	Collective pitch range and endpoints	collective stick on max/min position, use rudder stick to adjust desired pitch					
L	Swashplate - cyclic limit	move aileron, elevator and thrust stick – adjust maximum limit with rudder stick					
M	Swashplate - sensor directions	rev rev	rev nor			nor rev	nor nor*
N	Pirouette optimization direction				normal*	reversed	

PARAMETER MENU

(Menu-LED is flashing quickly)

		     					
Status-LED:		off	purple	red flashing	red	blue flashing	blue
A	Cyclic and rudder trim	aileron and elevator stick to trim cyclic, hold button 2s to trim rudder – reset all with rudder– stick					
B	Control behavior	user defined	normal	sport*	pro	extreme	transmitter
C	Swashplate - Pitching up compensation	user defined	very low	low	medium*	high	very high
D	Tail - HeadingLock gain	user defined	very low	low	medium*	high	very high
E	Stick deadband	user defined	very small	small*	medium	large	very large
F	Tail - Torque precompensation (RevoMix)	user defined	off*	low - nor	high - nor	low - rev	high - rev
G	Cyclic response	user defined	normal*	slightly increased	increased	high	very high
H	Collective pitch boost	user defined	off*	low	medium	high	very high

* Factory settings

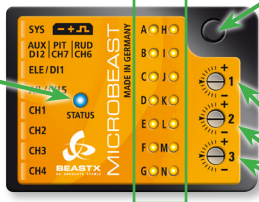
ADJUSTMENT OPTIONS OVERVIEW

Menu-LEDs: Amount of tail gain **A**=0% to **N**=100%
(only after powering up or when adjusting the gain)

Status-LED

Tail gyro mode

blue = HeadingLock mode
purple = Normal-Rate mode



Button:

- to enter Setup menu push down several seconds until LED **A** is steady on
- to enter Parameter menu push shortly until LED **A** is flashing

Dial 1: Cyclic gain

Dial 2: Cyclic feed forward

Dial 3: Tail gyro response

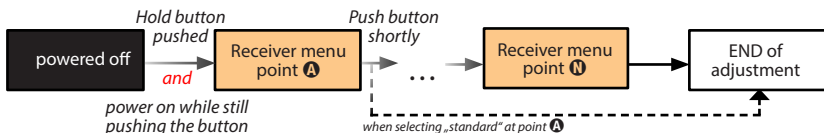
Parameter menu:



Setup menu:



Receiver setup menu:



⚠ Never fly while MICROBEAST PLUS is in one of the menus! In this condition gyro and stick controls are partially disabled and not used for controlling the helicopter.