



G R E M S Y

SBUS Joystick Module

Manual



Version: 1.1 - Date: Jan 23th,2018

SBUS Joystick Module is compatible with firmware 5.4.0 and later

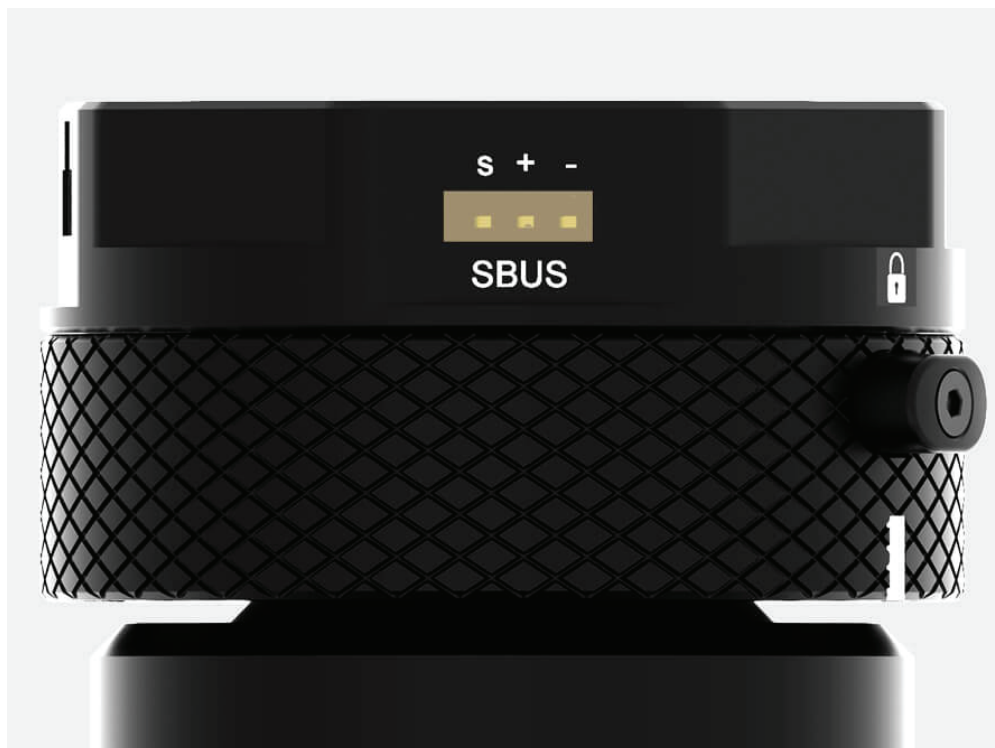
1. INSTALL JOYSTICK TO RING OR HANDLE

Learn more: https://youtu.be/TmdFlyEW_7M



2. SBUS JOYSTICK CONNECTION

Connect SBUS cable from joystick to SBUS port located on the Hyper Quick Release



3. ASSIGN SBUS CHANNELS

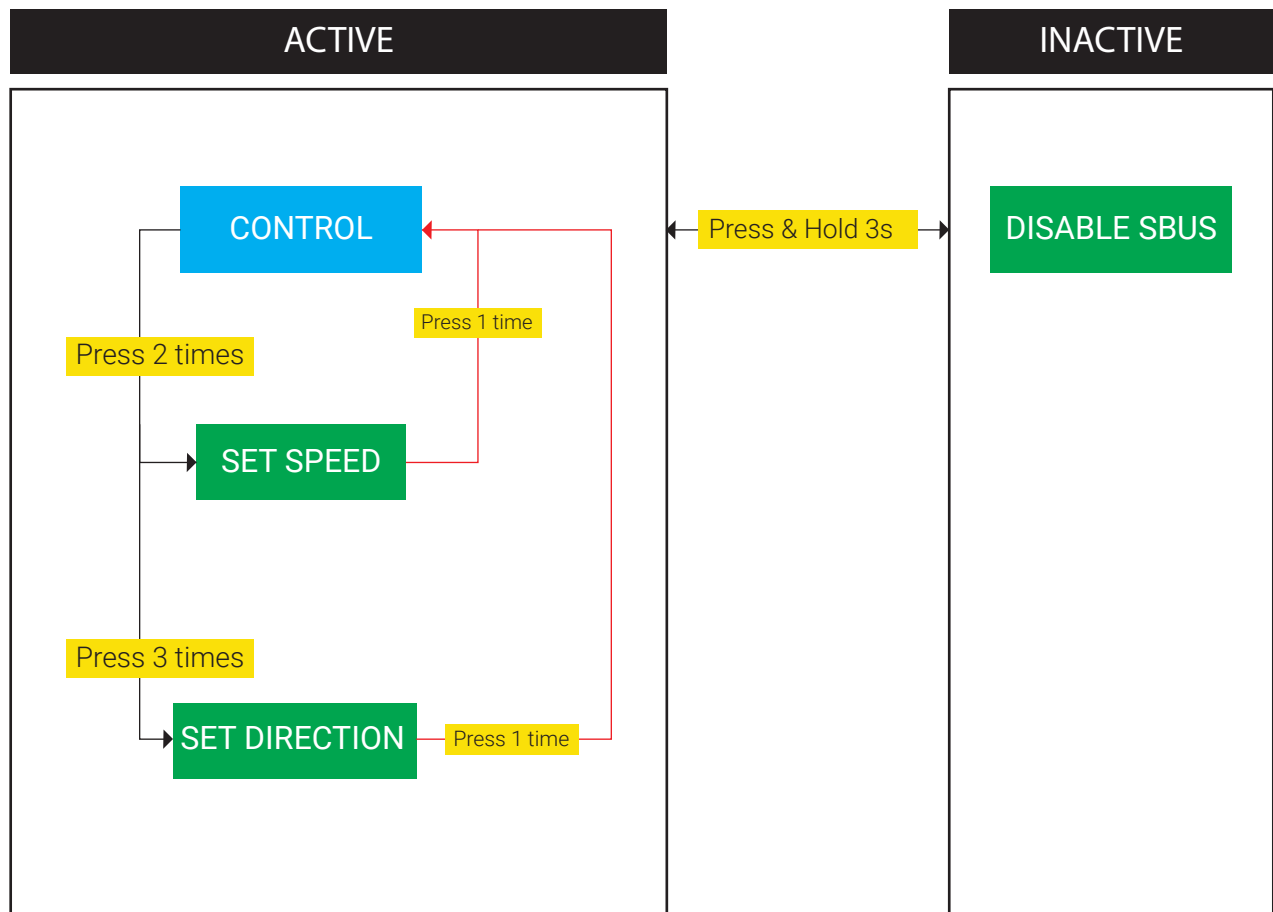
Go to SETTINGS -> CONTROLS -> SBUS

Select FASST protocol and assign channels as below



	Channel	Note
Mode	6	
Tilt	1	Speed mode
Roll	2	Angle mode
Pan	3	Speed mode
Tilt Speed	5	
Pan Speed	5	

4. SBUS JOYSTICK MODULE OPERATION



4.1. DEACTIVATE SBUS JOYSTICK MODULE

If joystick is in active state, hold and press button 3 secs will change its state to inactive state
LED Status on gimbal: **GREEN**

4.2. ACTIVATE SBUS JOYSTICK MODULE

If joystick is in inactive state, hold and press button 3 secs will change its state to active state.

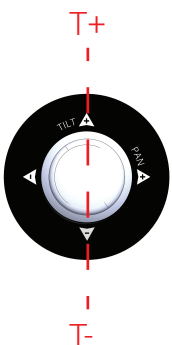
Moreover, using button allows joystick to enter different modes :

- **CONTROL:** Normal operation where user can control tilt and pan, LED status is **BLUE**
- **SET SPEED:** Press button 2 times to enter SET SPEED mode, LED status will change from **BLUE** to **GREEN**.
Speed of each axis is adjustable from 1 to 10 level, default is 5.

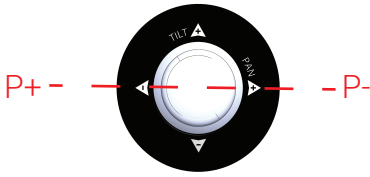
- **Set TILT SPEED:**

Move tilt stick to maximum travel T+ and back to center x times will increase tilt speed by x level (x=1...10).
Move tilt stick to maximum travel T- and back to center x times will decrease tilt speed by x level (x=1...10).

Press button 1 time to return to CONTROL mode and LED will turn to **BLUE** again.



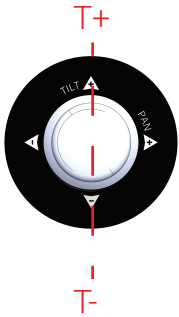
- **Set PAN SPEED :**



Move pan stick to maximum travel P+ and back to center x times will increase tilt speed by x level (x=1...10)
Move pan stick to maximum travel P- and back to center x times will decrease pan speed by x level (x=1...10)

Press button 1 time to return to CONTROL mode and LED will turn to BLUE again

- **SET DIRECTION:**



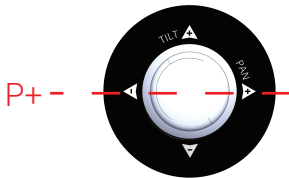
Press button 3 times to enter SET DIRECTION mode, LED status will change from BLUE to GREEN.

- **Set TILT DIRECTION:**

Move tilt axis to maximum travel (T+ or T-) and back to center to change TILT direction

Press button 1 time to return to CONTROL mode and LED will turn to BLUE again

- **Set PAN DIRECTION:**



Move pan axis to maximum travel (P+ or P-) and back to center to change PAN direction

Press button 1 time to return to CONTROL mode and LED will turn to BLUE again