



重量	Weight	25x26x10mm
尺寸	Size	12g
工作电压	Working voltage	5V-8.4V
工作电流	Current consumption	6V 20mA≤
工作温度	Working temperature	-10℃+50℃
输入信号	Support input signal	PWM (50-333Hz) /FUTABA S.BUS /SANWA SSR/SANWA SHR
舵机输出	Output servo signal	1520uS (333Hz) /760uS(FUTABA SR)/SANWA SSR
控制系统	Control System	PID控制系统
终点调整	End Point Adjustment Function	EPA
接收机	Receiver	不限接收机
控制信号	Control Signal	SBUS/PWM
感度设置		软/硬感度模式

RGB LED		状态 STATUS	
红色快闪	Red quick flash	陀螺仪初始化	Initialization
黄色快闪	Yellow quick flash	遥控信号丢失	Loss of control signal
绿色常亮	Green solid light	小感度模式/感度通道调整感度	Small gain mode/Gain signal input
绿色慢闪	Green slow flash	小感度模式/电位器调整感度	Small gain mode/Potentiometer adjustment
蓝色常亮	Blue solid light	大感度模式/感度通道调整感度	Big gain mode/Gain signal input
蓝色慢闪	Blue slow flash	大感度模式/电位器调整感度	Big gain mode/Potentiometer adjustment
黄色慢闪	Yellow slow flash	行程设置模式	Travel set mode

- 行程设置：按着TURNING EPA(SW)开关上电，黄灯(RGB LED)慢闪，进入舵机行程设置，旋转遥控器方向舵，使舵机转到所需要的位置上(可向左/右边)，短按一下TURNING EPA(SW)开关，黄灯(RGB LED)快闪2下，LED 红灯变成常亮，绿灯(RGB LED)慢闪，表示这个行程已经保存。再旋转遥控器方向舵，使舵机转到另一个方向所需要的位置，短按一下TURNING EPA(SW)开关，黄灯(RGB LED)快闪2下，然后黄灯亮起，表示这个行程也已经保存。两秒后陀螺仪自动进入初始化，初始化完成后可以正常工作。
- 行程恢复默认设置：按着TURNING EPA(SW)开关上电进入行程设置模式，长按开关3秒后，黄灯(RGB LED)开始交替闪烁，两秒后恢复成默认设置。然后进入初始化，初始化完成后可以正常工作。
- 遥控器感度通道/电位器 调整感度只在上电时判断，中间遥控信号丢失则保留在最后一次信号上面。
- 当不使用遥控器感度通道调整感度，电位器调整感度。
- 支持FUTABA S.BUS和SANWA SSR.(同以前版本一样)
- 遥控感度通道进行感度调整 (SBUS输入时默认 第三通道 )，范围从-100%~0~+100%。
- 没有使用感度线输入时，使用陀螺仪本身电位器来做感度大小调整，0~ 100%。
- 使用过程中(上电后)，长按SW键,三轴LED (按键旁)，再短按SW开关，进行X,Y,Z轴向选取。

## Instruction of Function Switch

### 1.EPA(Travel Setting)

Press and hold "TURNING EPA (SW)" switch to power up the gyro. The RGB LED flashes Yellow slowly, entering to the servo travel setting. Turn the steering wheel of your transmitter to the required position (left/right) and press the "TURNING EPA (SW)" switch briefly, the RGB LED will flash Yellow twice quickly, the red LED will be always on, the RGB LED will flash green slowly, it means current travel has been saved. Turn the steering wheel of the transmitter to the other direction to the position needed and press the "TURNING EPA(SW)" button briefly, the RGB LED will flash Yellow twice quickly, then yellow LED will be always on, that this direction also has been saved. 2 seconds later, the gyro will automatically enter into initialization mode,once completed,gyro is ready for use.

### 2.Reset(Travel Restore Default Setting)

Press the "TURNING EPA(SW)" switch to power on and enter into the travel setting mode. After pressing and holding the switch for 3seconds,the yellow RGB LED starts to blink alternately.Restore to default after 2 seconds.Then it will enter into initialization mode,once initialization is completed,the gyro is ready for use.

3.Gain signal input or potentiometer adjustment is determined when the power is turned on. If loss of signal happened during using,the last signal is retained.

4.Suitable for most of remote control systems,while plug in the gain wire,it can adjust the sensitivity by transmitter.While do not plug in the gain wire,the gyro's potentiometer can be used for gain adjustment.

5.Suitable for FUTABA S.BUS & SANWA SSR(Same as the previous version)

6.Adjust the gain via gain channel of transmitter(Default 3rd channel under FUTABA S.BUS),the range is from -100%~0~+100%.

7.While do not plug in the gain wire,the gyro's potentiometer can be used for gain adjustment,range from 0~100%.

8.During using(After powering on),press the "TURNING EPA(SW)" for a while,then short press the "TURNING EPA(SW)",and choose the direction of the X/Y/Z axis.