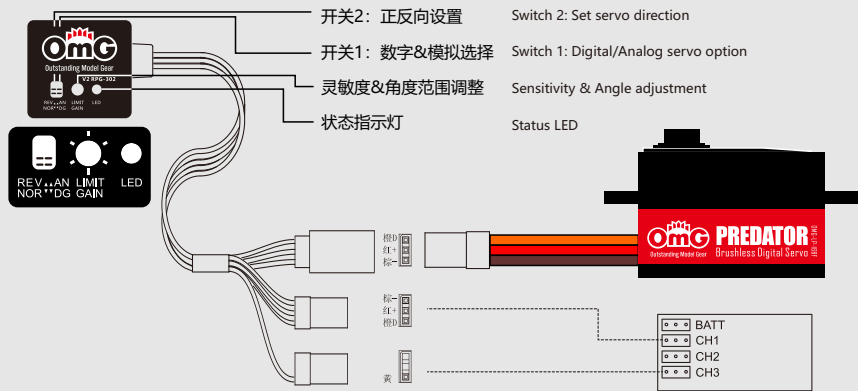


# V2 RPG-302 High Stability Rc Car Gyroscope



## 陀螺仪参数 Gyroscope Parameters

工作电压 Operating Voltage : 3.6-6V  
 工作电流 Current Drain : 20mA/6V  
 支持舵机脉冲宽度 Support the servo pulse output width : 1520uS(50Hz&333Hz)  
 工作稳定范围 Operating Temperature Range : -10C+45C  
 控制系统 Control System : PID控制系统  
 角速度 Angular velocity : 最大值 5000/S  
 传感器 Gyro Sensor : 振动陀螺仪传感器 Vibration Structure Gyro

## 产品介绍

V2 RPG-302全新高压版陀螺仪,全铝合金外壳,带数码与模拟模式,兼容高压的优势: ESC可以开7.4V BEC供电 高压舵机可以在7.4V环境下工作,力量和速度比6V环境的高很多  
 友情提示: 陀螺仪内置的调节灵敏度旋钮,是塑胶制作,转动范围有限,请使用配套专用一字螺丝刀进行调节,当遇到拧紧后,不要过度用力强制继续拧,否则会因过度而损坏!  
 陀螺仪的作用:  
 陀螺仪属于转向舵机辅助设备,可以用于修正车架跑偏或过度甩尾,常见用于漂移或F1车型,理论适用于任何车型,但实际效果需要看陀螺仪的设置(如灵敏度/修正方向)。

## 使用说明

开关1:舵机类型设计,NO位置,打到上面是模拟下面是数字  
 开关2:感度正反向设置,KE位置,打到上面是反,下面是正  
 LED  
 上电时快闪,表示在初始化陀螺仪中点,以及遥控器方向通道中点.这个时候不要动陀螺仪和遥控的方向通道。  
 初始化完成后LED若停止闪烁变为常亮,表示收到感度设置通道信号,感度由遥控设置,陀螺仪上面的电位器设置舵机的输出范围,顺时针调大。  
 若初始化完成后LED变为慢闪,表示没有收到感度通道信号,此时感度由电位器设置,顺时针调大,同时舵机范围为最大。

## LED状态表 LED Status Display

快闪	上电初始化	不使用陀螺仪感度线 需要陀螺仪感度线
慢闪	使用自身感度调整	
常亮	使用发射机感度调整	
Fast blink	Initialization	Sensitivity line stop Sensitivity line work
Slow blink	Self sensitivity adjustment	
Constant blink	Transmitter sensitivity adjustment	

## Product Description

V2 RPG-302 new high-voltage version gyroscope adapts aluminum case and has digital and analog mode. Advantage of being compatible with high voltage: ESC can open 7.4V BEC power supply, high voltage servo can work in 7.4V environment, and the strength and speed are much higher than the 6V environment.  
 Friendly Tip: The built-in sensitivity adjustment knob of the gyroscope is made of plastic and the range of rotation is Limit, so please use the special slotted screwdriver to adjust. When it is tightened, don't forcefully continue to screw, otherwise it will be damaged!  
**Function of gyroscope:**  
 The gyroscope belongs to auxiliary device of steering gear, which can be used to correct the deviation or excessive tail of RC car. It is commonly used for drift or F1 car models. The Gyro can apply to any models theoretically, but the actual effect depends on the setting of the Gyro (such as setting of sensitivity / correction direction).

## Instruction:

Switch 1: Servo Type setting, flip switch up for analog servos, down for digital servos.  
 Switch 2: Sensitivity direction setting, flip switch up for opposite direction, down for positive direction.  
 LED  
 1. Quick flash when power on means the gyro is initializing and will calibrate a middle point of the gyro and the remote controller's direction channel. Don't move the gyroscope and change the direction channel of remote controller.  
 2. When the LED stops blinking and is constantly lit, it means that the signal of sensitivity setting channel has been received. The sensitivity can be set by remote controller and the servo output range can be set by the potentiometer on the gyroscope, increasing the output value towards clockwise direction  
 3.If LED blinks slowly, it means that the signal of sensitivity setting channel has not been received. The sensitivity can be set by the potentiometer on the gyroscope, clockwise increasing Maximum value of sensitivity and servo range.