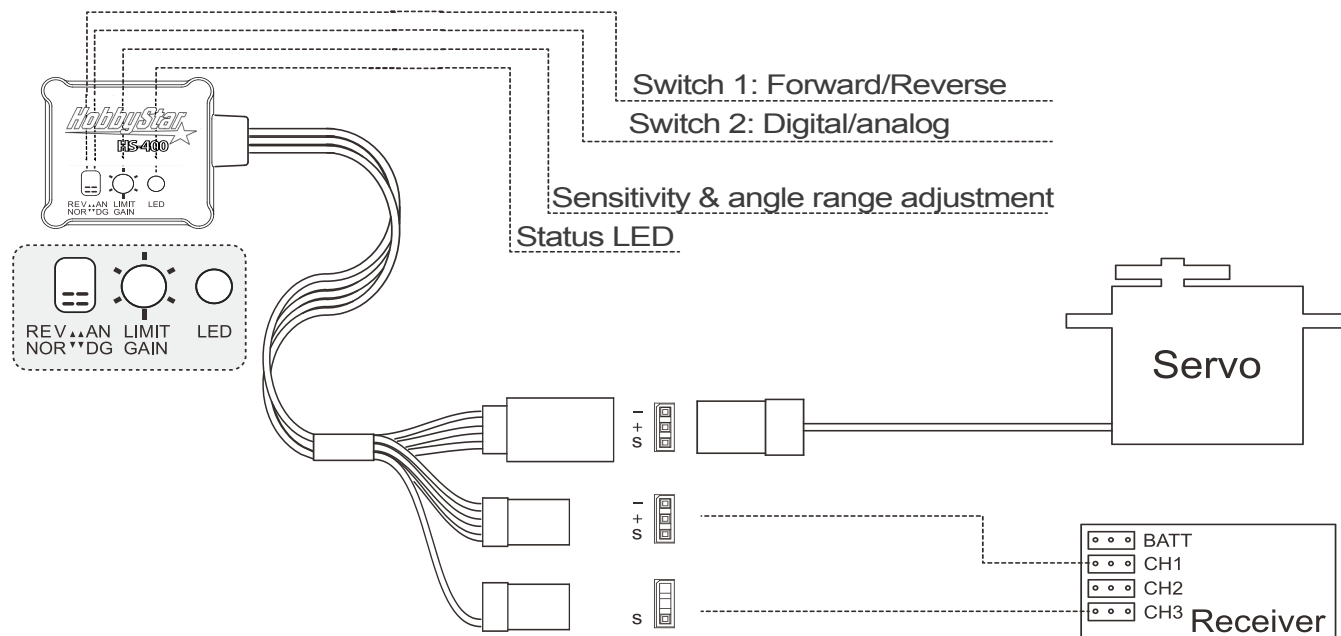




HIGH STABILITY RC CAR GYRO

HS-400

Connection



LED status display

LED	Status	Sensitivity line
Fast blink	Initialization	
Slow blink	Self sensitivity adjustment	Stop
Constant blink	Transmitter sensitivity adjustment	Work

Gyroscope parameters

Dimension	: 25.6*24.5*10.0mm
Weight	: 13.5g
Operating voltage	: 3.6-6v
Operating Current	: 20mA/6V
Servo pulse width	: 1520uS(50Hz&333Hz)
Operating temperature range	: -10°C+45°C
Control system	: PID control system
Sensor	: vibrating gyroscopic sensor
Angular velocity	: maximum±5000/s

Instructions:

1. Mount gyro in vehicle using double-sided tape (do not use CA glue). Gyro can be oriented in any direction. Ideal placement is in the middle of vehicle but it can be mounted anywhere. Sensitivity increases the further back it is installed but can be adjusted to compensate.
2. Connect gyro as shown in diagram. Plug for channel 3 is optional and for remote sensitivity adjustment. When disconnected, dial adjustment controls "Limit". When connected dial adjustment controls "Gain".
3. Switch 1 controls direction of gyro action
4. Set switch 2 to match servo being used (digital or analog)

LED

When power is switched on (ensure transmitter is turned on), LED will blink quickly indicating the unit is initializing. Do not move vehicle during initialization. If LED is on solid after initialization it indicates the gyro is plugged into a 3rd channel and sensitivity can be adjusted remotely via transmitter. If LED blinks slowly after initialization, it indicates the gyro is not connected to remote adjustment and can be adjusted via adjustment dial on gyro.