

R/C CAR GYRO FOR **DRIFT MANEUVERS**

FEATURES:

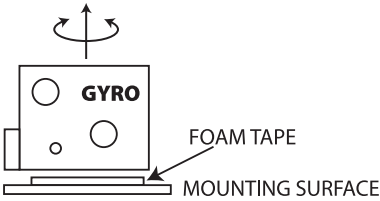
- Specifically designed to enable drifting maneuvers for R/C model cars
- Compact piezoelectric gyro sensor
- Built-in drift cancellation circuit
- Temperature compensation circuit
- Dual Rate
- Remote Gain Control
- Designed with low center of gravity
- Stabilizes car when cornering.
- Supports digital steering servo (265Hz-333Hz pulse)
- External tuning switches to adjust “ Steering ATV ” and gain function
- External reverse switch
- External switch to select between digital servo or standard servo
- Suitable for both electric and engine powered R/C model cars

SPECIFICATIONS

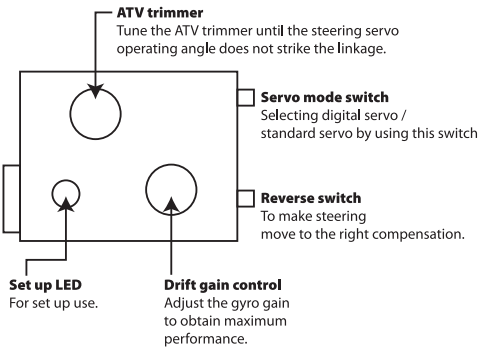
- Dimension: 20x20x15mm
- Weight: 11 grams
- Voltage used: 4.2V to 7V
- High-speed pulse output for digital
Servo: 265Hz-333Hz
- Standard pulse output for regular
Servo: 50Hz
- Current: approx 33mA
- Operating temperature: -5°C to +60°C

INSTALLING THE GYRO

Type the gyro down using the supplied foam tape. Make sure the gyro is on a solid platform and in a well ventilated area, away from exhaust and or heat.

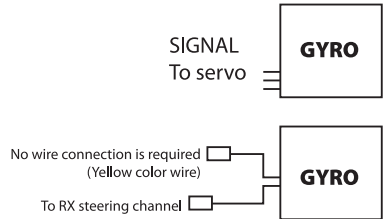


GYRO FUNCTIONS

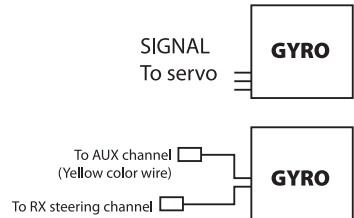


CABLE CONNECTION FOR GYRO

SINGLE RATE CONNECTIONS DIAGRAM



DUAL RATE CONNECTIONS DIAGRAM



SETTING UP

1. Switch on your transmitter.
2. Set the transmitter steering TRIM and SUB-TRIM to neutral position.
3. Set the transmitter steering ATV to 100%.
4. For dual rate remote drift gain control, set the transmitter AUX channel both rate to approx 50-60%. (for Single rate connection, please ignore this step). For single rate, adjust the drift gain trimmer on the gyro to approx 50-60%. (Clock wise)
5. Set the servo switch: when using a digital servo as the steering servo, set the switch to DS position. When using a normal servo, set this switch to STD position. (DO NOT set to DS position when a normal servo is being used, otherwise, the servo will be destroyed.)
6. Switch on your car's receiver, do not move the car body until the LED on the gyro lights up. (It takes few seconds to light up)
7. Set the ATV trimmer: move the steering, left and right to maximum, adjust the ATV trimmer until the servo operating angle does not strike the linkage.
8. Set the reverse switch A ↔ B to make steering move to the right compensation.
9. Adjust drift gain to obtain maximum performance while the car is in motion