



ACE RC TG-6200D Drift Car Gyro

Product no. #8075



INTRODUCTION

ACE RC introduces the TG-6200D drift gyro specifically-developed for your RC drifting car. The TG-6200D drift car gyro uses a yaw control sensor to detect tail sliding and automatically counter-steers to prevent your car from spinning out of control. Just connect the car gyro onto the top of your steering servo or upper deck, complete the initial setting and start drifting. It's that simple!

The TD6200D features a gain control function for adjusting counter-steering depending on track conditions and drifting skills. The gyro can also be disabled for touring car racing and, when necessary, the AUX channel can be very handy to remotely adjust gain on your transmitter. It may seem hard to believe, but this tiny package brings drifting to new extreme! ACE RC strongly recommends the TG-6200D for the Thunder Tiger SPARROWHAWK DX (#6534) Draft racing car series. For the SPARROWHAWK VX (#6535), slick drift tires (#PD9249 or #PD9251) are strongly recommended for awesome drifting.

FEATURES

- Micro horizontal and lateral sensor to counter centrifugal forces.
- Built-in small yaw control sensor for counter-steering
- Gain control function for adjusting counter-steering depending on track conditions and/or control needed
- Assists in getting perfect drift angle around turns
- Remote-controlled gain adjustment*

INCLUDES: ACE RC TG-6200D Drift Car Gyro with mini screwdriver, three pieces of double-sided sponge tape and instruction manual.

REQUIRES: Manually connecting the receiver and steering servo.

* When using the remote-controlled gain adjustment, a 3 Channel radio system with EPA (End Point Adjustemt) is required.

SPECIFICATIONS

- Control: Digital proportional integration control-yaw & gain
- Sensor: Piezoelectric vibration gyroscope
- Additional remote-controlled gain available
- Operating Voltage: DC 4.8 - 6.0V (If used with a higher voltage battery, voltage needs to be regulated to 6V)
- Consumption Current: 15mA @ 4.8V
- Operating Temperature Range: 5° below zero to 45° Celsius
- Dimensions: 1.02" x 0.98" x 0.27" (25.9mm x 24.9mm x 7mm)
- Weight: 0.48 oz. (13.5g) including connector

GAIN
Drift sensitivity

RX & AUX cable
RX & AUX input
(connected to receiver)

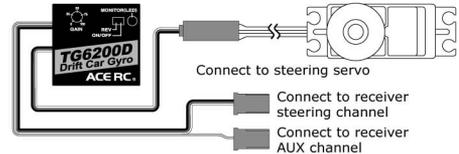
SX output cable
Steering signal output
(connected to SERVO)

REV

Normal / reverse mode select dip switch

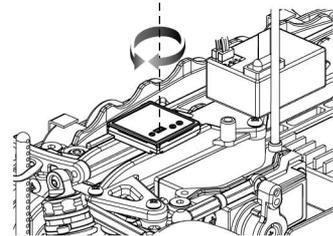
On/Off
On / Off mode select
dip switch

LED
Dual color (Red / Green)
LED Indicator



TG-6200D INSTALLATION

Use the attached double-sided sponge tape to either attach TG6200D horizontally to the chassis or parallel to the upper deck.



MOUNTINGS AND ADJUSTMENTS

■ Setting and using the Gyroscope

- 1) First, switch on remote control power supply.
- 2) To avoid affecting sensor initialization, do not move the car and gyro and wait until the gyro LED switches from red to green (for about 5 seconds). The red light turns off, and green LED lights up.
- 3) Adjust the REV dip switch to confirm correct direction.
- 4) GAIN is used for adjusting drifting level to personal preferences. When using remote-controlled adjustment (EPA), this adjusting function on the gyro unit is inactive temporarily. You can only adjust the GAIN from your transmitter.
- 5) Start drifting!

■ Error indication

Symptom: Whenever a system error is detected, the LED is solid RED.

Troubleshooting: Unplug battery, re-set the GYRO and try again, check transmitter and power. Should the problem persist, and the red LED light still keeps blinking, request repair service from local vendors.

OPTIONAL PARTS



8130
ACE RC Digital Servo,
DS0606



AC2213
Spongy Foam



AQ0847
Mini Plastic Screwdriver

Manufactured by
THUNDER TIGER CORP.

<http://www.thundertiger.com>

JC6215



ACE RC TG-6200D 車用陀螺儀

產品編號：#8075

產品說明

ACE RC隆重推出TG6200D車用陀螺儀,適合喜歡玩飄移或剛要入門玩飄移的新手。TG6200D使用壓電式陀螺儀技術來控制補正遙控車單面向之角度偏差並依敏感度大小給於適量角度補正,自動將前輪轉向反打舵以順利達成後輪滑移效果。改裝過程不需動用一顆螺絲的改裝,只需將轉向伺服器插頭插入陀螺儀的延伸接線並將陀螺儀上延伸出來的線插入接收器即可,輕輕鬆鬆為您的愛車裝上陀螺儀。TG6200D陀螺儀可以依你的操控技巧及路況進行轉向靈敏度調整、正逆轉及功能關閉,陀螺儀的敏感度調的越大則飄移後的前輪反向的補正越大。此外因應調整之便利性還可以利用遙控器上第三動直接調整敏感度而不必掀開車殼調整陀螺儀本身。隨著你技術的熟練與精進,可漸漸調整陀螺儀的敏感度到最小,或是完全將漂轉向輔助功能完全關閉,逐步協助你成為漂移車的操控高手。特別建議雷虎雀鷹電動房車系列玩家搭配使用此款陀螺儀與特製飄移尾胎(# PD9249 或 # PD9251),將能達成最佳飄移效果。

特點

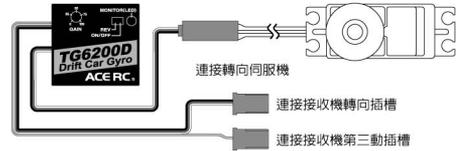
- 微型水平置放式陀螺感應器幫助實現最低車身重心需求。
- 內建迷你單軸偏角控制器能有效偵測車尾滑移角度,並自動調整反打轉向強度,預防車身過度自旋。
- 陀螺儀可以依你的操控技巧及路況進行轉向靈敏度調整、正逆轉及功能關閉。
- 適合喜歡玩漂移或剛要入門玩漂移的新手,協助飄移車頭方向修正獲取最佳滑移入彎。
- 發射機遙控敏感度 (Gain) 調整。*

包裝內含：**ACE RC TG6200D** 陀螺儀一組與專用調整棒一支、三片泡綿雙面膠及操作說明書。

* 當使用第三動 (AUX) 遠距微調敏感度時,需配合使用發射機上EPA調整功能進行敏感度調整。

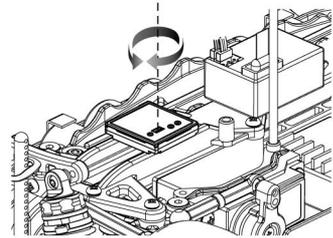
基本規格

- 產品名稱：TG6200D
- 產品編號：TT8075
- 控制系統：數位整合控制
- 感應器：Piezoelectric Vibrating Gyroscope
- 驅動電壓：DC4.8V~6.0V
- 操作溫度範圍：-5~50°C
- 外觀尺寸(mm)：25.9 x 24.9 x 7
- 重量 (g/oz.)：13.5 / 0.48



陀螺儀安裝

TG6200D陀螺儀必須水平安裝於底板之上或是與底板平行之二樓版之上。



安裝與調整說明

■ 安裝說明與設定

- 1) 打開發射機電源。
- 2) 等候約5秒LED燈號從紅色變成綠色,代表陀螺儀自動偵測設定完成(設定過程請勿移動車輛或陀螺儀,以免影響中心點設定)。
- 3) 如前輪轉向與發射機轉向不一致,調整REV指撥開關,讓轉向一致。
- 4) 反舵感度 (Gain) 可使用內附調整棒調整感度旋鈕來進行靈敏度調整。當使用第三動遠距微調感度時,陀螺儀本體調整功能將暫時失效。你需要從發射機上進行感度調整。
- 5) 調整後,如試跑無誤,便可進行飄移操控。

■ 錯誤訊息指示

錯誤指示燈(紅):當紅色LED指示燈持續亮起,表示陀螺儀設定可能發生問題。

排除方式:拔除電源,重新進行定位。如問題無改善請檢查遙控器或電源,若此方法已確認還是持續亮紅燈時請洽當地供應商。

選用相關配件



8130 ACE RC 數位同服機, DS0606



AC2213 避震泡棉



AQ0847 一字調整棒零件包