

GWS PC-3 PASS-CON UNIT

Thank you for choosing the GWS PC-3 Pass-con Unit. The PC-3 has been designed to allow the PG-03 piezo gyro to be turned "on" and "off" from the transmitter. The PC-3 pass-con unit's super-compact size and ultra-light weight make it ideal for use in all sizes of model R/C aircraft. It is also possible to install 2 or 3 gyros on your aircraft to dampen movement in yaw (rudder) axis, pitch (elevator) axis and/or roll (aileron) axis.

Please refer to the instructions below and read them carefully in order to obtain proper operation and maximum performance from the PC-3 Pass-con Unit.

PC-3 PASS-CON UNIT SPECIFICATIONS

Size: 27 x 12.5 x 7 mm

Weight: 6 grams (0.22 oz)

Operation Voltage: 4.8 – 6.0 Volts

Current Consumption:	LED (off)	LED(on)
4.8V	2.5mA	5.5mA
6.0V	3.0mA	7.0mA

WIRING AND CONNECTIONS

Mount the PC-3 using double-sided adhesive tape in the appropriate position of your model. Connect all wires & connectors per the **Wiring Diagram** as shown below. The black connector has to be connected to the control channel on the receiver and the red connector goes to any spare channel, such as an auxiliary channel. Then, plug the yellow connector to the PG-03 gyro port. The connector from the gyro should be connected to the upper 3 pins on the pass-con unit and the connector from the servo is to be plugged in the lower 3 pins. **Be sure to observe the correct polarity when connecting the servo, receiver and gyro to the PC-3 pass-con unit.** If the correct polarity is not observed, the PC-3 will not function.

SETUP AND ADJUSTMENT

Turn on your transmitter first and then your receiver to check the gyro operates correctly. Operate your transmitter auxiliary channel several times whilst checking that the LED on the PC-3 switches on and off. It indicates that the all units are working properly and correctly. When the red LED will light, the gyro will not function and it will only function when the LED is off. If the LED will not light, adjust the active adjustment trimmer to the position that the LED will be on and/or off by switching the auxiliary lever on the transmitter. If the neutral position may be different when switching the auxiliary lever of the transmitter, adjust the setup adjustment trimmer on the PG-03 gyro that synchronize the input and output signals correctly.

Now, you have completed the basic and primary setup and adjustment. For initial flight test, it is also requested to check and adjust mechanical control linkages. Please refer to the instruction manual for the PG-03 piezo gyro for more detailed adjustment as well as proper and safe operation of your R/C system.

