Specification for EK2-0704

Gyro (EK2-0704) produced by Esky is a delicate and multi-functional product with light weight.It is suitable for medium and high-class helicopters.

Specification

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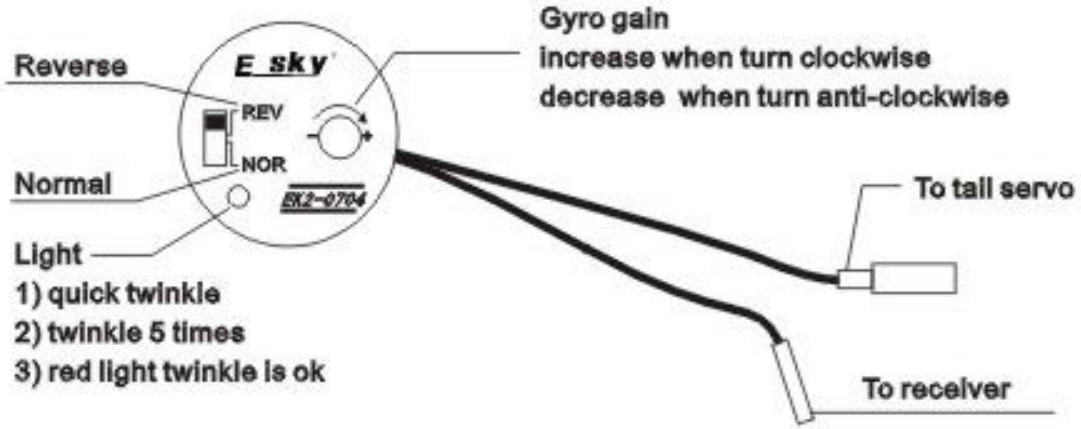
Size: 27.2*27.5*17.5mm
Length: 150mm
N.W: 50g
Input voltage: DC 5V
Static voltage: 10mA

Sketch map:



Operation method:

1. Connection

1) Connect EK2-0704 input signal wire (150mm mother port) with the receiver CH4(RUDD).
2) Connect EK2-0704 output signal wire (150mm father port) with the tail servo.
Note: Orange stands for the signal port, red stands for the positive role (VCC), brown stands for the negative role (GND).

2.Use through switching on power.

1) Set the CH4 (RUDO) joy stick of the transmitter and the trim in the middle and switch on the power of the transmitter.
2) Turn on the power of the receiver, LED twinkles. LED will keep bright after 10 to 15 seconds, then it is a normal working condition.

Note:

1) If the LED of EK2-0704 keep bright all the time, it means there may have the below problems:
(1) The power of the transmitter did not turn on or you turn on it after switching on the power of the receiver.
(2) The CH4(RUDO) joy stick and the trim were not set in the middle.
(3) The receiver cannot receive the signal.
2) EK2-0704 Should not swing in the process of enactment, otherwise it can not work normally.

Adjustment of the control system:

EK2-0704 control system is mainly used for tail-drive helicopters. Since the rotate speed rate of the main rotor and tail rotor of the tail-drive helicopter is mechanically aptotic, the gyro gain trimmer can only be adjusted when operating it. The rotate speed of the main rotor and tail rotor is fixed while flying.If the tail cannot be controlled, and shiver left-right slightly all the time and cann't be controlled by the transmitter, it is because the tail was tightened too much, you should decrease the gyro gain.(Chart Ⅷ and Chart Ⅷ)

Chart Ⅸ

Chart Ⅹ

If the tail swing left-right strongly all the time and cannot be controlled by the transmitter, you should increase the gyro gain, turn it to the suitable position.(Chart Ⅸ and Chart Ⅹ)

Chart Ⅸ

Chart Ⅹ

----The above information was provided by TWF Co., Ltd.