

# Locked Gyro (EK2-0704A) Instruction

## EK2-0704A

Specification:

Dimension: 22\*22\*12.4mm

Input signal:  $1.5 \pm 0.5$ ms

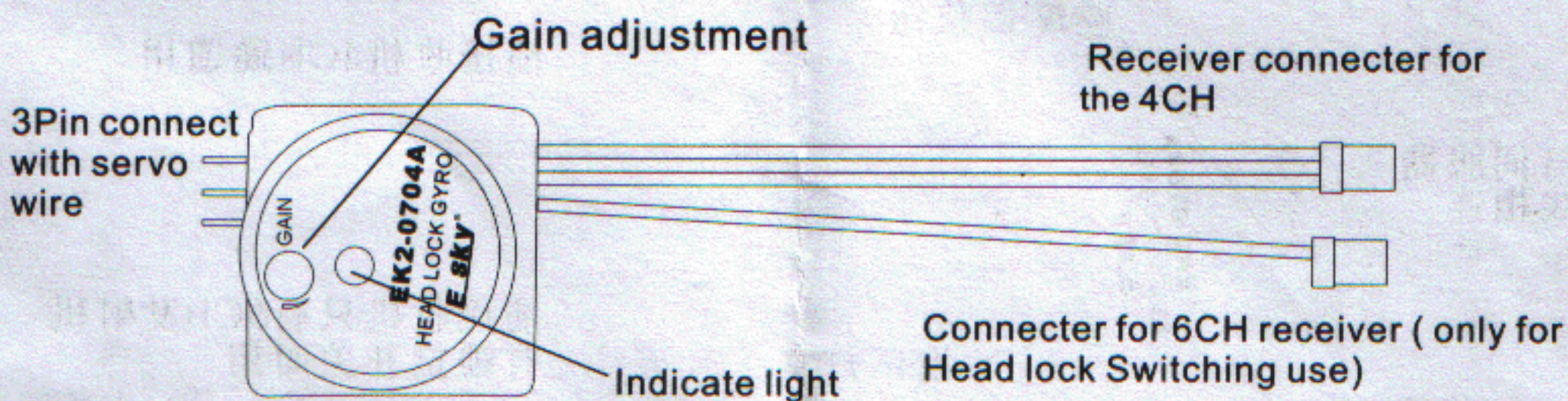
Input voltage: 5VDC

Weight: 8g

## Features: Locked Gyro

- used for engine and Electric Helicopters
- dual sensibility adjustment ---head locked model and standard model
- be suitable for 4CH transmitter
- with a built-in temperature equalizing electrocircuit.
- For the 6 CH and 4 CH transmitters use adjustment, the gain value can be adjusted through crust

Sketch map:



Operating Instruction: First of all, please make sure that your transmitter is 6 CH or 4 CH, then refer to the following adjust process.

### ● For 4 CH transmitter (Unique head Locked function) adjustment:

When getting the Gyro (EK2-0704A), please connect the 3 pin wire directly to the 4 CH of receiver, and the gain must be connect with the negative pole of the power supply. Please remember not to move or shake the Gyro (EK2-0704A) when the light turns red to blue after when the transmitter and receiver power on, if not, it will influence the enactment of the neutral point. At the same time the helicopter will enter the state of being locked. Users can modulate the Gain Value by Gyro VR according your helicopter need.

Before helicopter flying, if the SV always leads to one side when the transmitter has locked, please adjust the trim of CH (left/right) on the transmitter until the SV works correctly.

When flying, if the locked helicopter still slants to one side after all the above correct adjustment, please adjust the tail servo rod of the helicopter. And continued the adjustment until the helicopter mechanical structure exists in balance---hovering flight

### ● For 6 CH transmitter adjustment:

When getting the Gyro (EK2-0704A), please connect the 3 pin wire and Gain wire to the left / right CH of receiver and Gyro CH. Please remember not to move or shake the Gyro (EK2-0704A) when the light turns red to blue after both of the transmitter and receiver power on, if not, it will influence the enactment of the neutral point.

Before helicopter flying, if the SV always leads to one side when the transmitter has locked, please adjust the trim of CH(left / right) on the transmitter until the SV doesn't offset whenever it is locked or not.

When flying, if the unlocked helicopter still slants to one side after all the above the correct adjusted, please adjust the tail servo rod of the helicopter. And continued the adjustment until the helicopter mechanical structure exists in balance---Hovering flight.

After all of the above correct adjustment, now the EK2-0704A will show all of its excellent characteristics.

- Malfunction : the EK2-0704A has been shining red light for quite a long time
- Ways of eliminating : Firstly, please check the transmitter and power supply  
Secondly, if the fault remains, please call your supplier for consultation.