

Head lock Gyro

EK2-0704B

【Specification:】

- (1).Input signal: 1.5±0.5ms; (2).Input power: 5V~6VDC
 (3).Weight: 12.5g (4).Size: 27×28.5×18mm

Function Instruction



Limit Servo range control

Delay Gain adjustment

LED Status Indicator

REV/NOR
Normal and Reverse Switch

Adjustment Instruction

A: Delay Gyro Gain adjustment



A. "+" (clockwise) increase the ability of gyro to balance the helicopter (stable but less active),
 B. "-" (counterclockwise) decrease the ability of gyro to balance the helicopter (active but less stable).

Attention: When adjusting the gain of Gyro, the gain is differs when applied with different servos or different helicopters. Generally speaking, the faster the tail servo responds, the gyro's gain will increase. The faster the helicopter's main rotors rotate; the tail servo's responds will be stronger, therefore, the gain of gyro should be reduced.

B: REV/NOR Normal and Reverse Switch



REV Switch: reversing switch for gyro Adjust the tail servo's direction.

REV: Reverse motion NOR: Normal motion

Attention: When checking the action direction of Gyro, lift up the helicopter and let the head of the helicopter turn left. If the direction of the tail servo turns is in accordance with the transmitter's stick turns, it indicates that the initialization setting is right. Otherwise, you should switch the Normal and Reverse Switch of gyro.

The wrong setting will cause the helicopter dangerous with high-speed self-rotation when flying. Please double check to make sure that the action direction of the gyro is correct.

C: Limit Servo range control



Limit: Adjust the maximal range of tail servo

A. when "+" (clockwise) increase the range of tail servo will increase.

B. when "-" (counterclockwise) decrease the range of tail servo will decrease.

Attention: Adjust the knob to limit the tail servo range within the maximal displacement range of the tail pitch sliding bush when the rocker of the tail servo being moved to both left and right fully, by doing this, the range of tail servo won't exceed the limitation so as to protect the servo and the link lever when flying. On the other hand, don't adjust the servo's range too short to reduce the gyro's performance.

D: LED Status Indicator



- A. After connecting the power, the continuous red flashing indicates the procedure initialization
 B. Stable red light indicates that Gyro is locked.
 C. Red light going off indicates that Gyro is unlocked.

Attention: LED Status Indication

Display status	Status of Gyro
Fast Flashing	After powering on, the gyro is initializing
Constant light	The Gyro is locked;
Extinguishing	Power off or the gyro is unlocked;
Slow flashing	Gyro can not receive the tail servo control signal from transmitter. The tail servo can't work.
Intermittent flashing	Ch5 isn't connected well, or it moved to the middle during initializing. Remove the battery and connect again.

E: Gyro connection:



Connect tail servo

Front and inverse side of the servo connector

Inverse

Front



Connect Gyro' signal line with CH5 of the receiver;

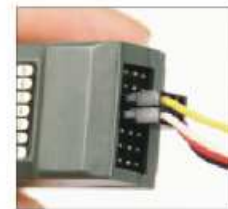
Connect the gyro with CH4 of the receiver;



1. Connect the tail servo with the gyro(front upward);



2. Connect the gyro with CH4 of the receiver;



3. Connect Gyro' signal line with CH5 of the receiver;



4. Stick the gyro with double adhesive to the framework vertically (front upward).