

HIGH-PERFORMANCE GYRO for EP HELICOPTER

LTG-2100T



LTG-2100T is High Performance Gyro for EP Helicopter.

This is succeeded in high end pronoun, LTG-6100T, and has a strong TAIL-LOCK performance.

Compact and polished Design, Adoption of variable function, and support all servos at present...Now it will be a new reference of Gyro for EP helicopter.

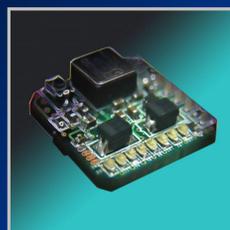
Specification

◆ Operating voltage	4.5 ~ 6.0 V (Recommend voltage 5.0 V)
◆ Power consumption	20 mA
◆ Input signal	2 Channels (Rudder, Gain)
◆ Output signal	1 Channel (Servo Drive)
◆ Gain control	Remote control by transmitter
◆ Compatibility mode	LogicTech, Futaba, JR Transmitter and Receiver (PCM, FM Type)
◆ Data setting method	Button press and Stick operation
◆ Data display method	8 Bit LED Display
◆ Servo	Digital servo LTS-6100G, Matched servo, Analog servo
◆ Dimension	22(W)mm x 22(H)mm x 11(D)mm
◆ Weight	10g

- ◆ Enhance the precise tail control by adoption of real-time background signal processing technology.
- ◆ Remove the drift of tail as software solution when changing temperature of circumstances.
- ◆ Transmitter & receiver type auto detection function. (Logictech, Futaba, JR)
- ◆ Possible to support Digital and Analog Servo at the same time by the selection function SERVO SPEED.
- ◆ Support high speed digital Servo.(LTS-6100G)
- ◆ No initializing time when power up in Tail-lock mode.
- ◆ Separate set up of max. Left and right angle of Servo.(mechanical limit)
- ◆ Remote Gain control by the GAIN channel.
- ◆ Self checkup(diagnosis) function.
- ◆ Provide easy setting method by using of Menu button and Rudder stick operation to left and right.



Compact Design



Applied with high
precised sensor



LED displaying of
operating status

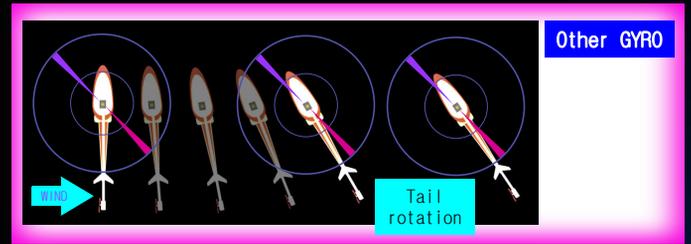
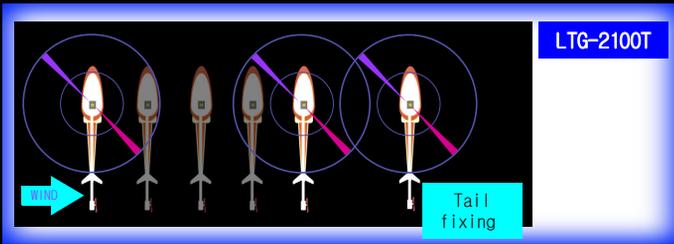


Easy Setting
(button way input)

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High Performance of TAIL-LOCK Control

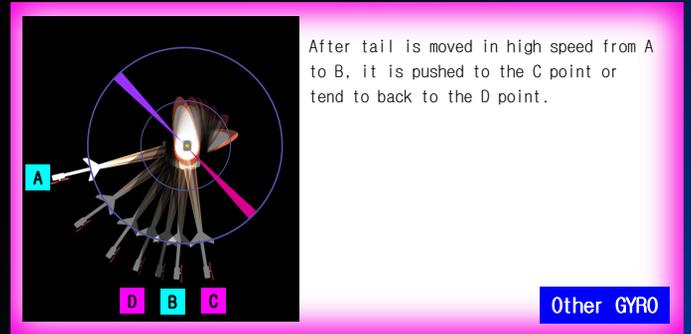
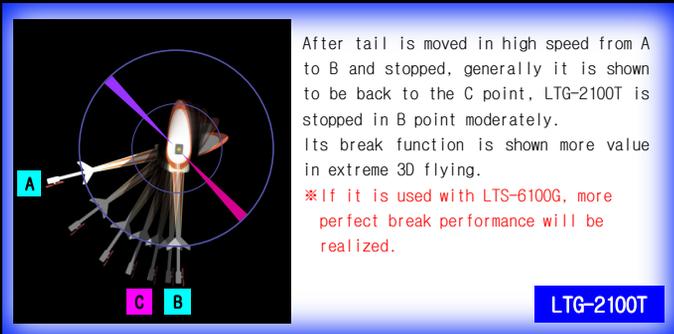
It shows a strong Tail stability in the condition of 3D flying and wind which influencing to the tail by the high précised data processing technology.



Feature of Stop (Break performance)

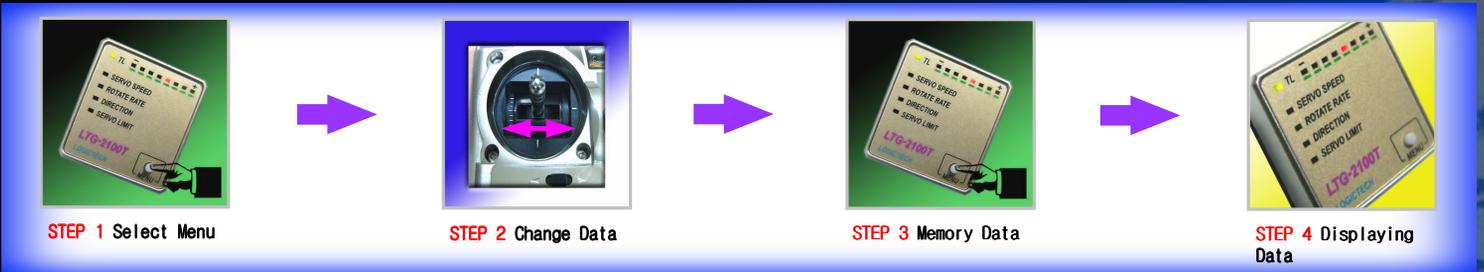
EP helicopter which is small sized and has its structured limit is easily tend to occur tail's yawing (phenomenon which is moving to the left and the right) right after the Pirouette.

LTG-2100T adopt unique control algorithm and realize clear and moderate break function.



Easy data setting

Data is selected with the one button and the right and left operation of rudder stick and 8bit LED display is showing the selected data. The most direct and simple selection way is provided for users' convenience which is never seen from the usual mini Gyro.

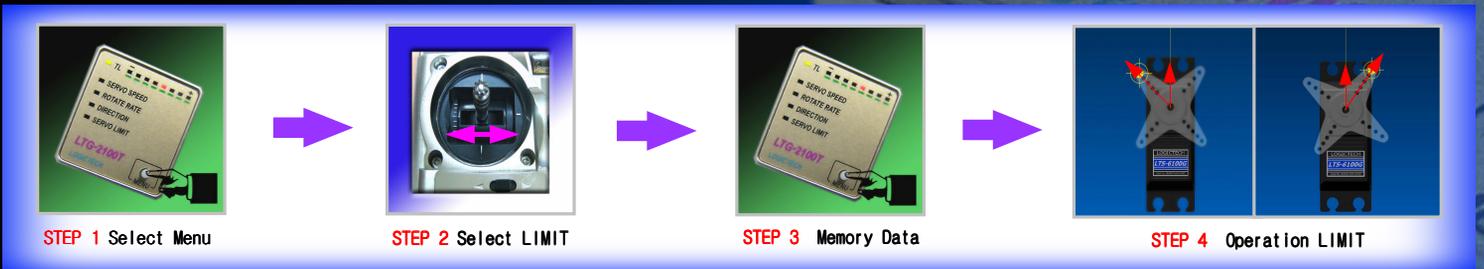


Selection of Independent the left and the right Limit

In 3D flying which need a lot of upward force, Servo should have enough operating angle.

Because it is possible to select the left and the right independently, LTG-2100T can be selected its Limit freely even tail part is the flight which has the left and the right asymmetric operation structure.

Limit Selection Function which can be seen in high class Gyro, now try to have its experience with LTG-2100T.



Support variable servos

LTG-2100T can use variable servos by selection.

LTG-2100T is designed for users to use other brands of mini analog servos together with our dedicated digital servo LTS-6100G without limit. Also if it is used MATCHED servo which appointed from us, LTG-2100T can showing more high performance than that of general mini servos and it will lead to limit performance when our high speed digital servo, LTS-6100G is used.

