

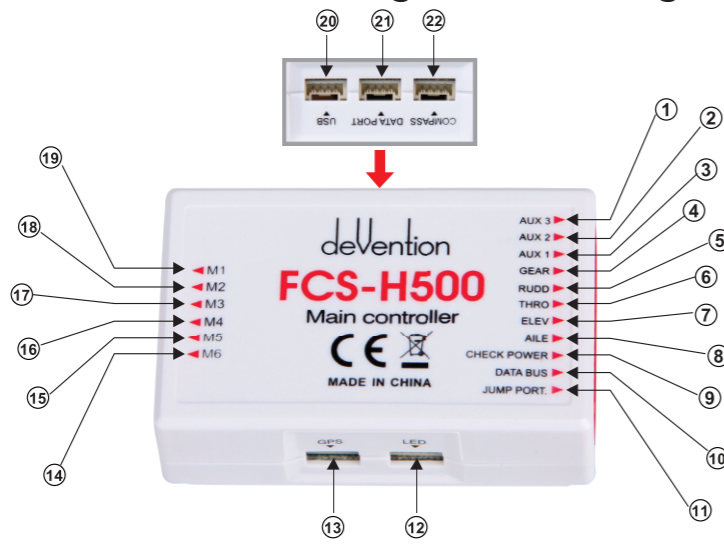
TALI H500

GPS SYSTEM

Setup guide for the advanced DEVO F12E control system



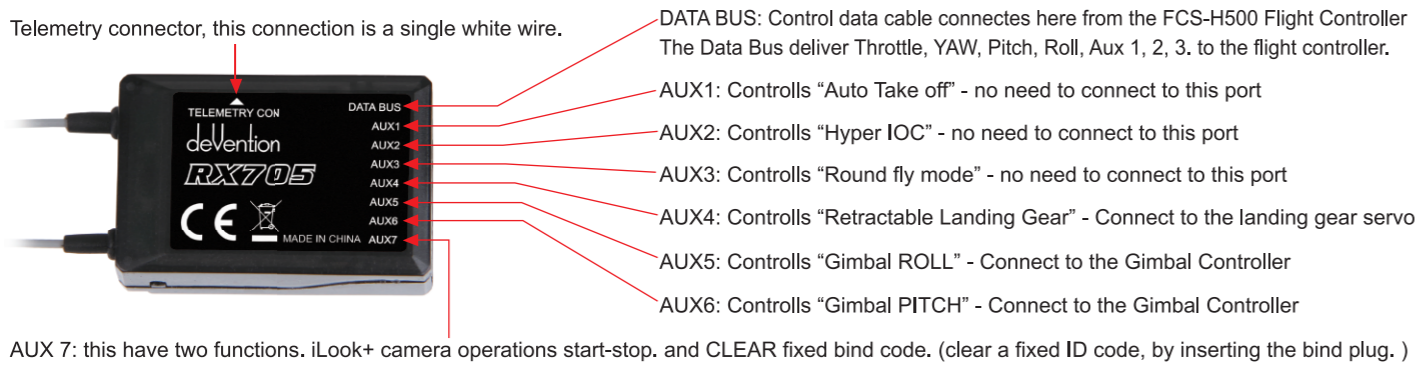
1 FCS-H500 "Main Controller" visual guide to the flight controller



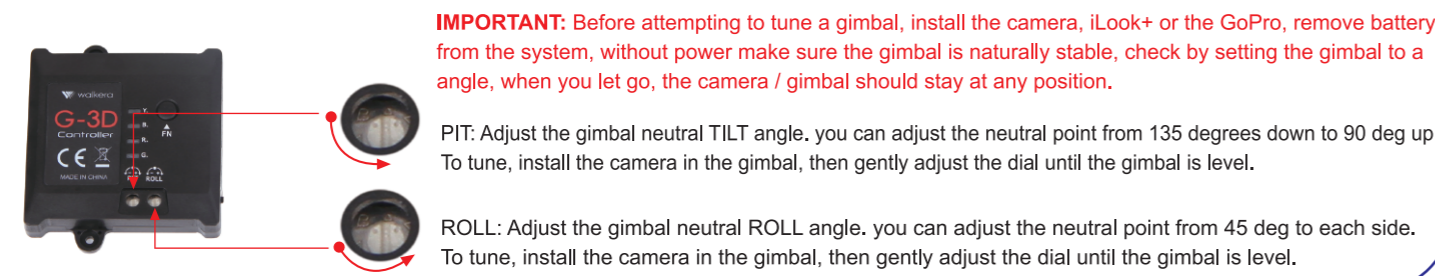
① AUX 3 - Round fly Mode	⑨ Voltage sensor - connect to the power distribution board	⑬ Connect to ESC #4 (electronic speed controller for motor)
② AUX 2 - Hyper IOC mode	⑩ Data transmission - connect to the DEVO RX705 receive	⑭ Connect to ESC #3 (electronic speed controller for motor)
③ AUX 1 - Auto Take Off	⑪ Jumper port, when using regular receivers, insert bind plug her	⑮ Connect to ESC #2 (electronic speed controller for motor)
④ Control Mode Switch	⑫ LED lights - the Flight Control status indicator LED's	⑯ Connect to ESC #1 (electronic speed controller for motor)
⑤ YAW control	⑬ GPS connection (the red/white/blue/black 4 color cable)	⑰ UPGRADE port for the FC (MINI USB)
⑥ Throttle input	⑭ Connect to ESC #6 (electronic speed controller for motor)	⑱ DATA communication port
⑦ PITCH control (forward & backward)	⑮ Connect to ESC #5 (electronic speed controller for motor)	⑳ Connect to the Compass (the red and black cable)
⑧ ROLL control (leftward & rightward)		

2 DEVO RX705(FCC) / DEVO RX708(CE) receiver guide

Attention: DEVO RX705(FCC) / DEVO RX708(CE) have the same ports.

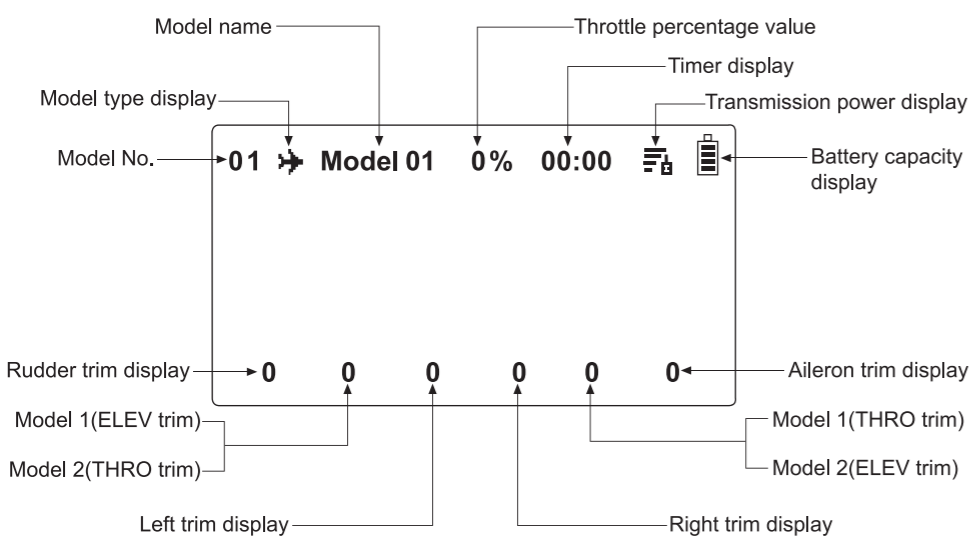


3 Instructions for the G-3D gimbal tuning dials

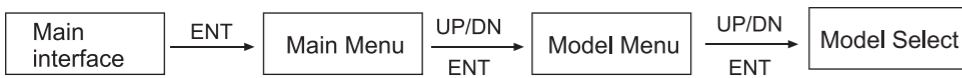


4 DEVO F12E - TALI H500 Settings

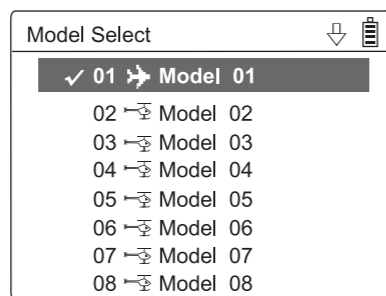
4.1 Boot Screen(Main interface)



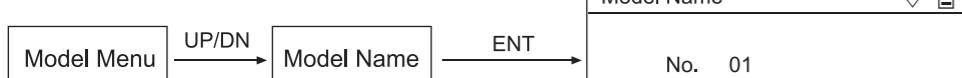
4.2 Model Select



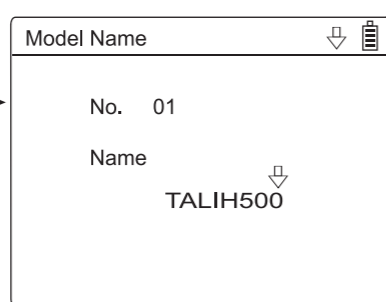
Press UP or DN button to select the stored model No.
For example "Model 01", press EXT to return back "Model Menu" after finished.



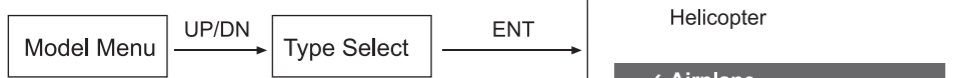
4.3 Model Name



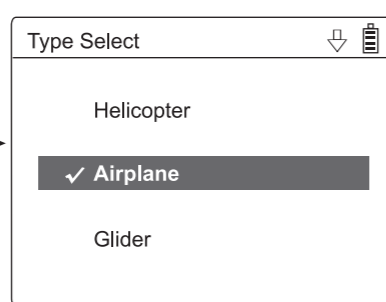
Press the UP or DN button to move the cursor position
Press the R / L button to change the character
Name the model "TALIH500"
When done, press EXT to return to the "Model Menu"



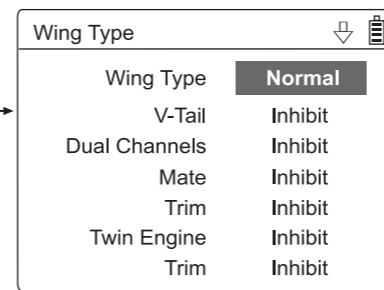
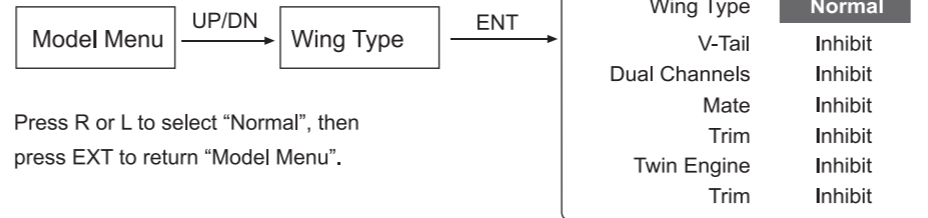
4.4 Type Select



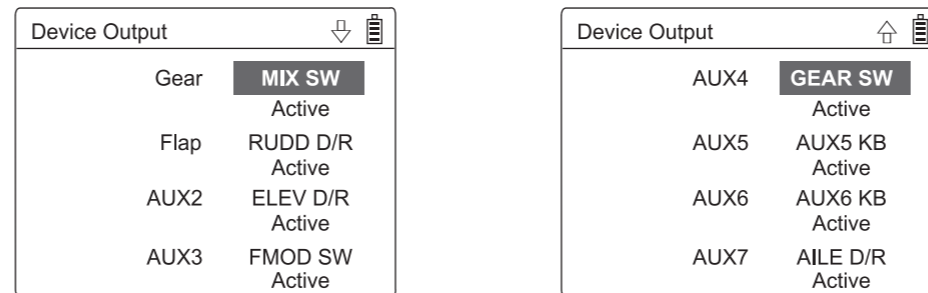
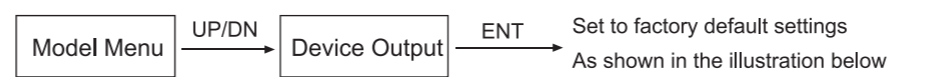
Using the R and L button, to select the model type.
type should be "Airplane" when done press ENT
This will automatically return to "Model Menu".



4.5 Wing Type

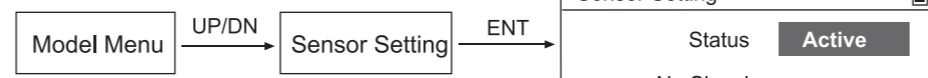


4.6 Device Output



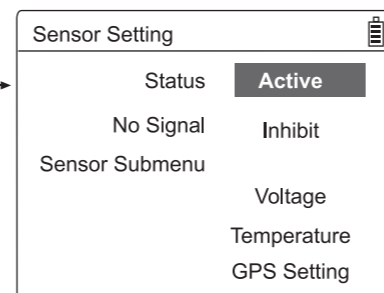
Press the EXT button to return back to the "Model Menu" when finished.

4.7 Sensor Setting



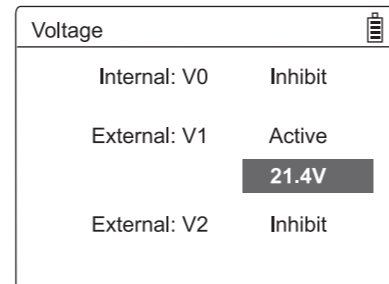
Press R or L to select "Active".

NOTE: To display the sensor settings while flying you have to enter model menu / sensor view / press L for next page this page will show the sensor readings live while you fly.



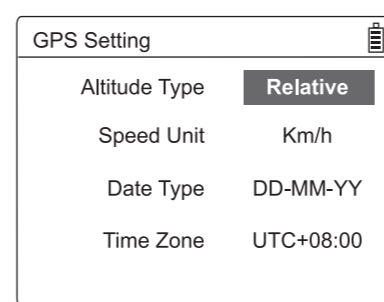
(1) Voltage Setting

Press UP or DN to select Voltage in the Sensor Setting. Press ENT to enter Voltage interface.



Internal shows the Radio battery voltage.
External shows the aircraft battery voltage.

The TALI default voltage settings is 21.4 volts.
When the radio give you the low-voltage warning, it is URGENT to land as quickly as possible.
* Optional you can adjust the voltage to 21.6 this will give you a earlier warning.



(2.1) Altitude Type setting:

Press R or L to select Absolute altitude over oceanlevel or Relative altitude which is indicating the altitude from your starting point.

(2.2) Speed Unit setting:

Press R or L to select Km/h or Knots.

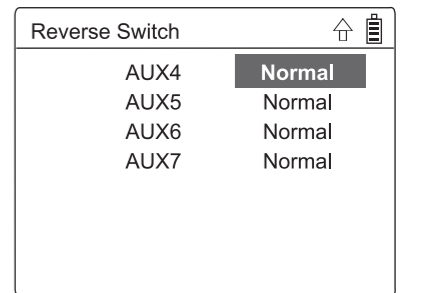
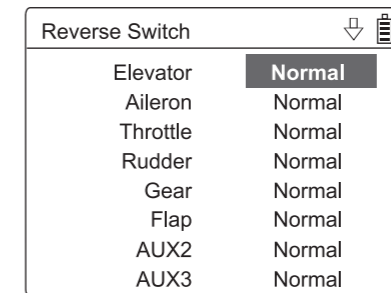
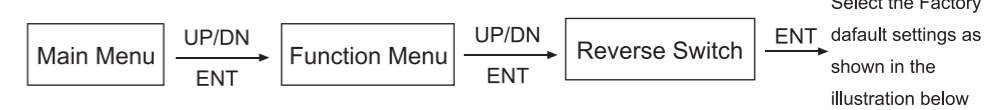
(2.3) Date Type setting:

Press R or L to select the date format DD-MM-YY / MM-DD-YY / YY-MM-DD.

(2.4) Time Zone:

Press R or L to select Time Zone, then press EXT to return "Main Menu".

4.8 Reverse Switch



When finished press the EXT button to return back to the "Function Menu"

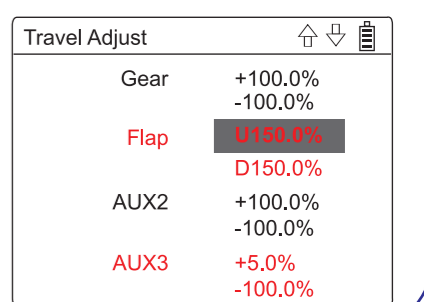
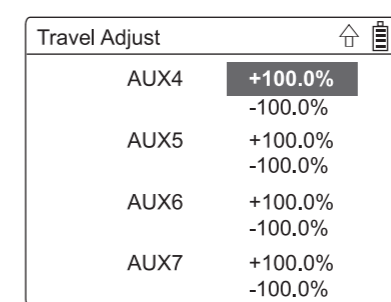
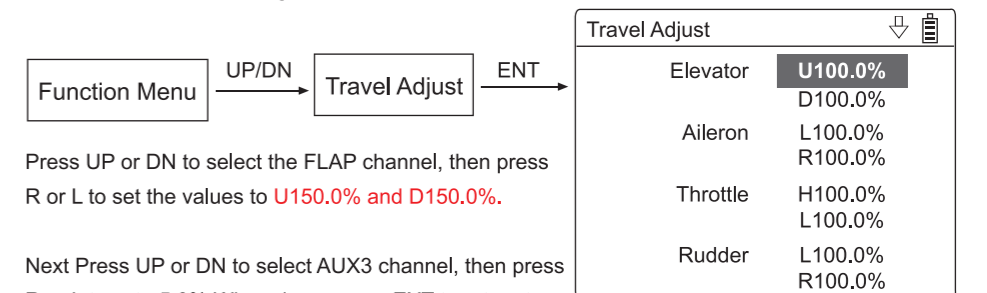
4.9 Servo Travel Adjust



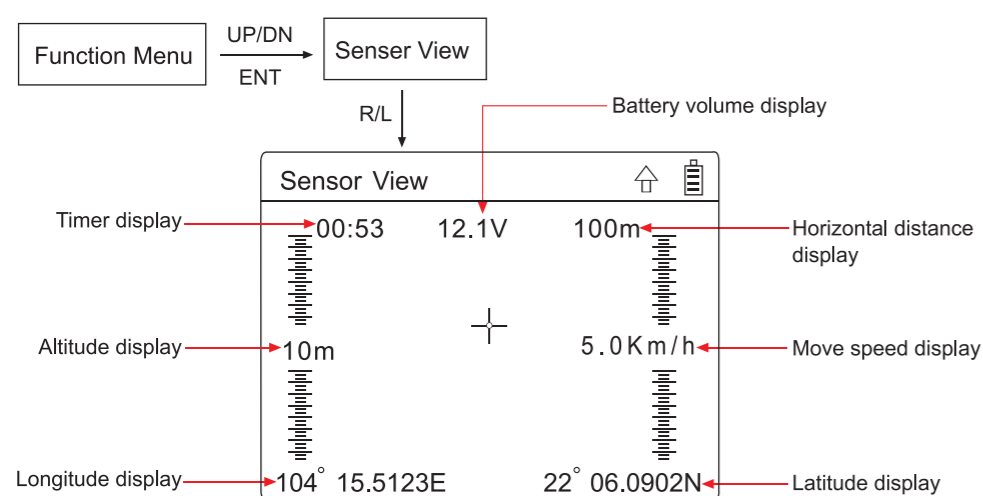
Press UP or DN to select the FLAP channel, then press R or L to set the values to U150.0% and D150.0%.

Next Press UP or DN to select AUX3 channel, then press R or L to set +5.0% When done, press EXT to return to the "Function Menu" AUX 3 the setting for the Round Fly mode, changing the percentage change the radius on the round fly circle

*You can adjust any round-fly radius you want, simply change the positive value. 25% = 25 meter / 75feet.

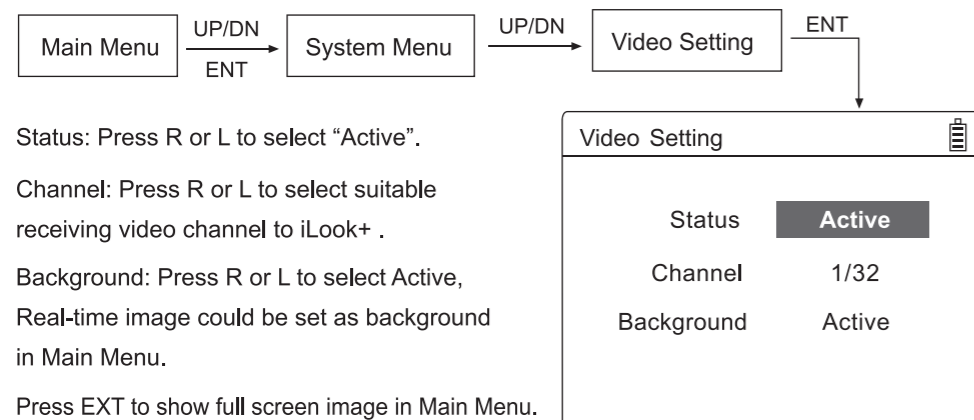


4.10 Sensor View



Press R or L to select viewport display. When set the image as background, Information will be displayed on the image.

4.11 Video Setting



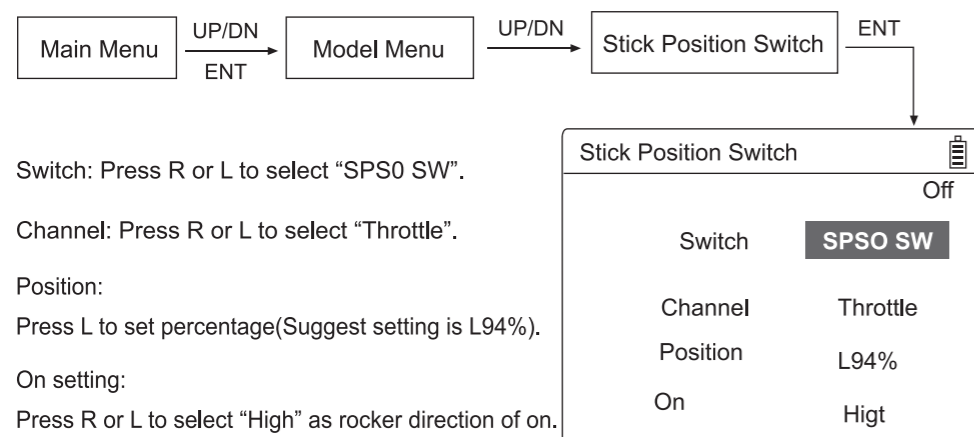
Status: Press R or L to select "Active".

Channel: Press R or L to select suitable receiving video channel to iLook+.

Background: Press R or L to select Active, Real-time image could be set as background in Main Menu.

Press EXT to show full screen image in Main Menu.

4.12 Timer Setting



Switch: Press R or L to select "SPSO SW".

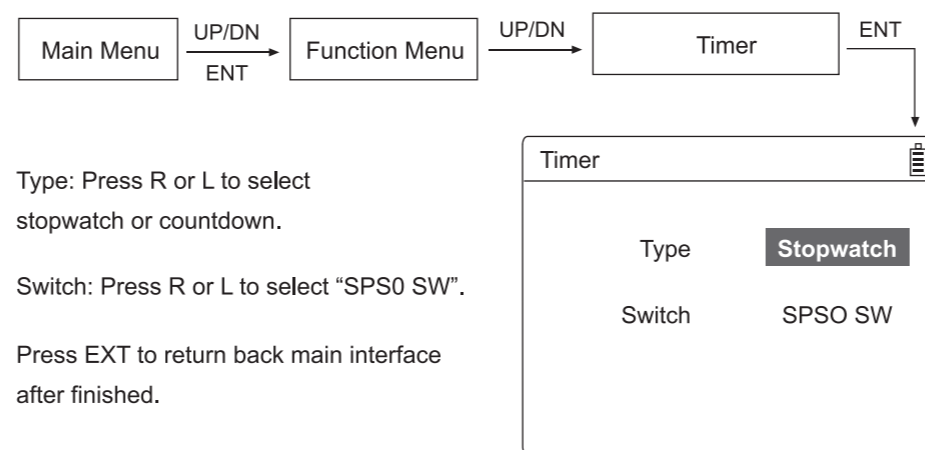
Channel: Press R or L to select "Throttle".

Position: Press L to set percentage (Suggest setting is L94%).

On setting:

Press R or L to select "High" as rocker direction of on.

Move up and down of the throttle to check if the direction of the switch is set correctly. Then press EXT to return "Main Menu".

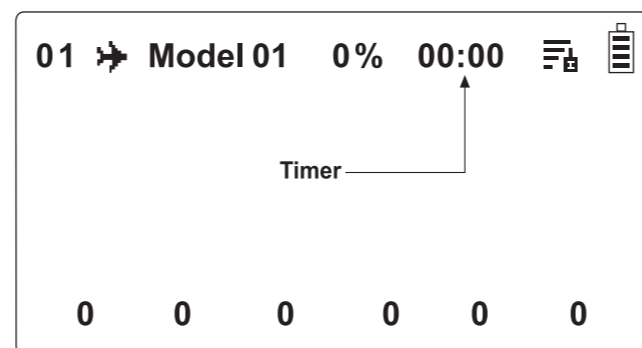


Type: Press R or L to select stopwatch or countdown.

Switch: Press R or L to select "SPSO SW".

Press EXT to return back main interface after finished.

Usage: Toggle the throttle up to L94% to start the time, toggle the throttle down to L94% to stop the time, press DN to reset.



5 iLook+ Camera Setting

5.1 Pictures illustration



5.2 Specifications

(1) Video

- a. Video Resolution: 1920 x 1080 Full HD b. FPS: 30 c. Micro High Speed SD card: Max 64G
d. Imaging Sensor: 3,000,000 Pixels e. Video Format: MOV f. Photo: 4032x3024 Pixels

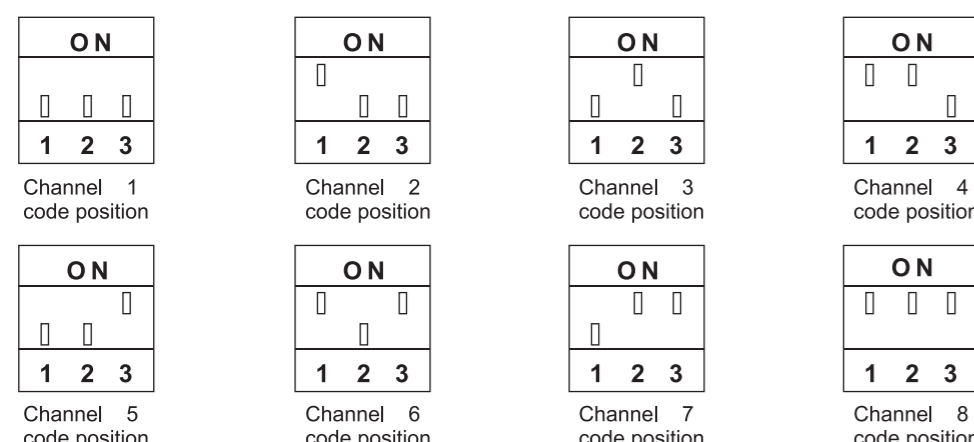
(2) 5.8G wireless

- a. 5.8G wireless image transmission d. FCC Output Powers 200mW c. CE Output Powers 25mW
d. CE Bind B section: 8 channels e. FCC Bind B section: 4 channels

5.3 iLook+(FCC/CE) camera transmitting channel selection

There are 8 different channels can be selected. You can choose the best frequency channel according to the image quality as below:

Channel	1	2	3	4	5	6	7	8
Frequency	5866MHz	5847MHz	5828MHz	5809MHz	5790MHz	5771MHz	5752MHz	5733MHz



Note: Only transmitting channel 2, 4, 6, 8 are available for the iLook+(FCC).

5.4 Video and Photo user guide

Warm tips:

- Micro SD card must be inserted to the iLook+ camera before connecting the power, and took off after disconnecting the power. (Recommend to use high speed SD card)
- Insert MICRO SD card, the camera is powered on, the red indicator light indicates the camera is initialized, the red light goes out indicates the camera enters standby mode initialization is complete.
- Insert MICRO SD card, the camera is powered on, if the red indicator light blinks rapidly means formatting it is necessary, pls stir video/ photo switch to position press shutter last for 5 sec. format after the completion of the proposed re-energized camera.

(1) Video instruction

(1.1) Radio Operation

Switch	Transmitter setting	Instructions
AILE D/R	Model Menu ↓ Device output ↓ AUX7 ↓ AILE D/R ↓ Active	(1) It's a must to turn the switch of iLook+ to " " position. (2) Start video: turn the AILE D/R switch from "0" position to "1" position, wait for 1-2 seconds, then return to "0" position, the camera will start to video (the red indicator keeps flash with an interval of 0.5 second). The red indication of video status can be seen on the transmitter. Stop video: turn the AILE D/R switch from "0" position to "1" position, wait for 1-2 seconds, then return to "0" position, the camera will stop video (the red indicator lights out). And the red indication of video status can not be seen on the transmitter. (3) Make sure that the video recorded will not be saved in the SD card if you haven't finished the "stop video" operation.

(1.2) Manual Operation

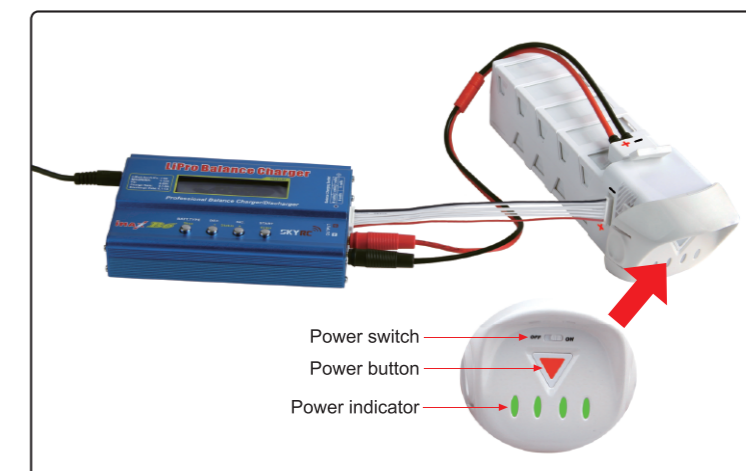
Turn the Video/Photo Switch to first please, press the shutter button once, iLook+ camera starts to Video (the Red indicator flash for 0.5sec interval); Press the shutter button again, iLook+ camera stops video (The Red indicator light out).

(2) Photo instruction

Please Turn the video/photo switch to , Press the shutter button once, iLook camera Will take a photo (The Red indicator blinks once then light out), press the shutter button again, it will take another photo.

6 Connect charger instruction

Slide the power switch to "ON" position when charging, press the power button for 3-5 seconds till the power indicator keeps on.



For details, please refer to iMAX B6 user manual.

7 Important Statement

- This product is not a toy. It is a piece of complicated equipment which harmoniously integrates engineering materials, mechanics, electronics, aerodynamic and high frequency radio. Correct installation and adjustment are necessary to avoid accidents taking place. The owner must always operate in a safe manner. Improper operation may result in serious property damage, bodily injury or even death.
- This product is suitable for experienced Aircraft pilots aged 14 years or more. All minors must be accompanied by a responsible adult when flying.
- The flight field should be legally approved by the local government. We accept no liability for any safety duties or fines arising from operation, usage or mis-control after the sale of the products.
- We consign our distributors to offer technical support and service after sale. Please contact the local distributors for problem resolution caused by usage, operation, maintenance, etc.