

HISKY®

6-CH 2.4G Radio Control System Instruction Manual

- Thank you for purchasing our R/C system
- Read this manual carefully before use



数字比例遥控系统
DIGITAL PROPORTIONAL RC SYSTEM

H-6



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1.0 Foreword

1.0 Declaration

- (1) This product is designed for experienced pilots aged 14 years or older.
- (2) The user should operate the radio controlled aircraft at a legal, designated field.
- (3) HiSKY accepts no responsibility for damage or injury caused by mis-operation, mis-use or mis-control after purchase.
- (4) If assistance is required, please contact the distributor or our customer service representatives.

1.2 Safety notice

- (1) Follow the guidelines specified in this manual
Do not modify this transmitter in any way unless specified by this manual.
- (2) Safe operation
Operate this device depending on your own skill level and your health status; refrain from using this product if you feel feeble or fatigue. Do not operate this device under the influence of drugs or alcohol.
- (3) Flying location
Despite being highly reliable and advanced products, mechanical and electronic failures may still happen. Do not operate the model aircraft in close proximity to people and other obstacles; refrain from flying in adverse weather or at night to avoid hurting yourself or bystanders.
- (4) Humidity
This product is made of highly complicated electronic and mechanical components, keep the product in a dry environment and avoid humidity to avoid electrical and/or mechanical damage.
- (5) Heat
Avoid heat exposure; heat may cause electronic and mechanical components to warp or fail, do not expose this product to excessive heat to prevent failure.

1.3 Pre-flight checklist

- (1) Ensure that the battery packs on both the transmitter and receiver/aircraft are fully charged prior to flight
- (2) Ensure that the throttle stick and the throttle trim are at their lowest positions prior to operation.
- (3) The transmitter must be turned on prior to powering on the aircraft. To end your flight, unplug the aircraft battery before turning the transmitter off. An incorrect order of connection or disconnection may cause the loss of control of your aircraft.

2.0 Features and specifications

2.1 H-6 transmitter specification

- (1) Channels:6
- (2) Resolution:1024
- (3) Frequency:2.4GHz ISM frequency range
- (4) Modulation:GFSK
- (5) Spread spectrum mode: FHSS
- (6) Number of frequency channels:20
- (7) Hopping rate:240jump/s
- (8) Output power:<=20dBm
- (9) Working current:<=150mA
- (10) Dimensions: 150mmx188mmx70mm
- (11) Net weight:324g

2.2 H-6 transmitter features

- (1) 2.4G FHSS technology
- (2) Work with CCPM helicopters,airplanes,etc.
- (3) Digital trim
- (4) Swash mix
- (5) Dual gyro gain settings
- (6) Sports throttle curve
- (7) Customer name with 10 letters and 10 memories
- (8) Low power alarm

2.3 XY7000S receiver specifications

- (1) Channels:7
- (2) Frequency: 2.4GHz ISM frequency range
- (3) Modulation: PCM
- (4) Spread spectrum mode: FHSS
- (5) Operation voltage: 4.5-5.5V
- (6) Operation current: ≤30mA
- (7) Net weight: 11.5g
- (8) Product size: 41mm x 28mm x 14mm

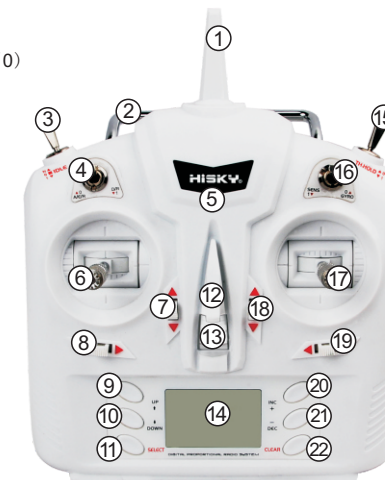
2.4 XY7000S receiver features

- (1) 2.4GHz FHSS technology
- (2) High reception sensitivity, high resistance to interference

3.0 Function definition

3.1 Front panel view

1. Antenna
2. Handle
3. Helicopter mode: IDLE (N/0/1)
Airplane mode: CH5 Undercarriage (N/0)
4. D/R(Aile Elve Rudd)
5. LED
6. Left stick
7. Digital trim
8. Digital trim
9. UP
10. DOWN
11. SELECT
12. Eyelet
13. Power
14. LCD
15. Throttle hold
16. Helicopter mode: Gyro gain
Airplane mode: CH6 Flap
17. Right stick
18. Digital trim
19. Digital trim
20. INC
21. DEC
22. CLEAR



3.2 Rear view

1. Screw 1
2. Screw 2
3. Screw 3
4. Screw 4
5. Trainer port/DSC
6. Battery case cover



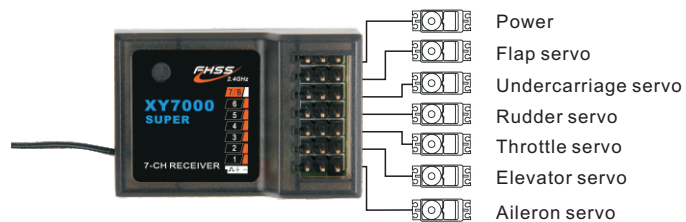
3.3 Wiring diagram and binding procedure

Binding:

Switch on the transmitter, reduce throttle to its lowest position and make sure the alarm is off when powering on the receiver/aircraft. Press the bind button (if applicable) until the green light turns, solid, signaling binding success.

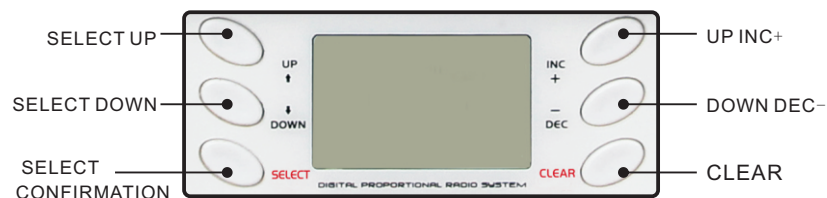
Caution:

While binding, place the transmitter and receiver antennas in close proximity if possible; make sure that there are no similar devices on bind mode within approximately 10 meters. If the light flashes after the binding procedure is complete, retry the binding procedure again until the light turns solid.



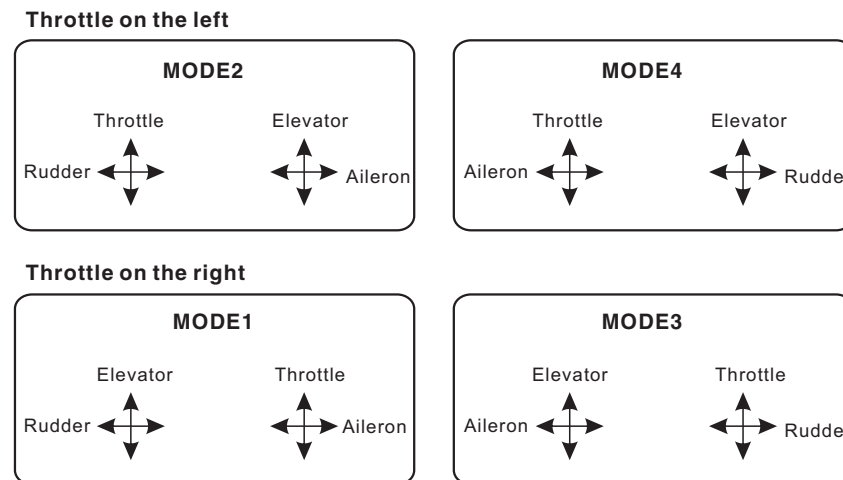
3.4 Function keys in panel

There are 6 function keys in panel of H-6. Details below:



3.5 Stick mode switch

There are 4 stick modes from Mode1 through Mode 4. The throttle channel is on the left with Modes 2 and 4, and on the right with Modes 1 and 3. A configuration diagram is shown below.

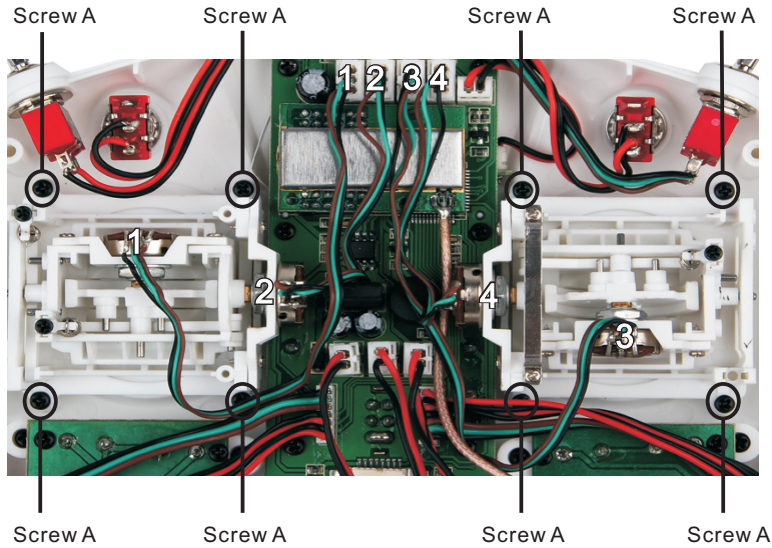


3.6 Left and Right-hand throttles

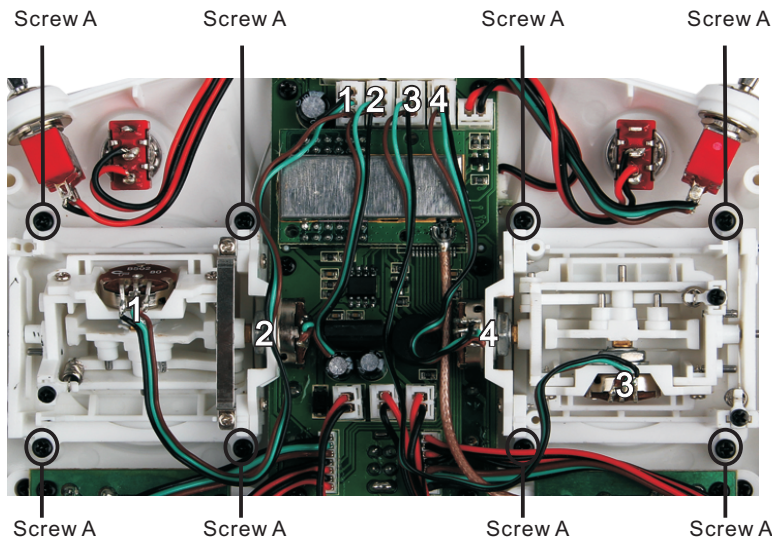
Switching between left and right- handed throttle modes requires both a mechanical and electronic switch.

(1) Mechanical step

To switch the throttle stick from the left column to the right (or vice versa), a mechanical modification needs to be made: Remove the 4 screws and rear cover to expose the base plate. The photo below shows the internal views of right and left throttle setup. Using a phillips screwdriver, loosen and remove Screw A to adjust the throttle mode, then replace the "A" screws. Potentiometer cable connection in the corresponding positions are shown below. Replace the rear cover when the mechanical switch is completed.



Left throttle stick



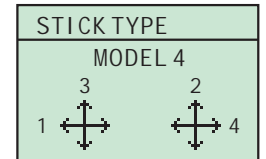
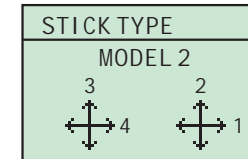
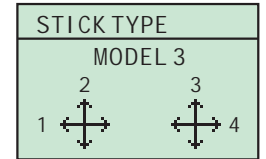
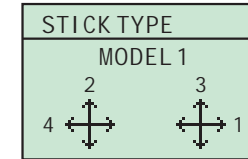
Right throttle stick

(2) Electronic adjustment

From the main front panel, press both “UP” and “DOWN” buttons at the same time, then switch on the radio to enter the “SYSTEM” menu. Use the “UP” or “DOWN” to find the 6th “STK TYPE”, press “SELECT” to enter stick mode selection menu. Use “INC” or “DEC” button to choose “MODE1” or “MODE3”;MODE3 or MODE4.

Ensure that both the electronic and mechanical steps have been completed before operation

SYSTEM
5:MDL TYPE
6:STK TYPE
7:STK ADJ



Caution:

The throttle stick is located on the left for modes 2 and 4 on the right for modes 1 and 3

3.7 Battery installation

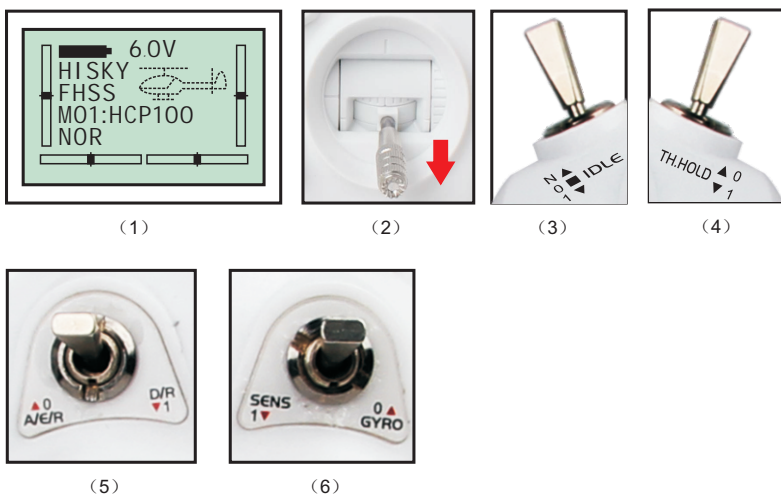


Battery installation diagram:

3.8 LED Presentation capabilities

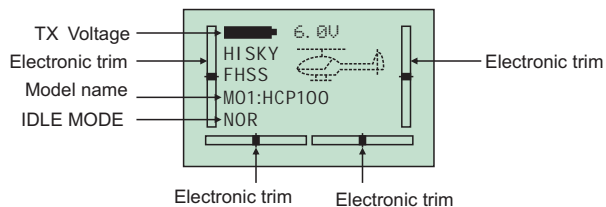
In normal operation, when the LED light shows white, it means the transmitter is working properly. If the LED is flashing and alarm audible, please check and satisfy the following condition.

- (1) Voltage is not less than 4V.
- (2) Ensure the throttle is at the bottom position when switch on the transmitter.
- (3) Ensure the IDLE position switch is at "N" position before operation.
- (4) Ensure the TH.HOLD position switch is at "0" position before operation.
- (5) Ensure the D/R position switch is at "0" position before operation.
- (6) Ensure the GYRO position switch is at "0" position before operation.



3.9 Boot interface

Boot interface as picture:



4.0 System menu

This section describes the setting which are specific to the operation of the H-6 itself.

Press both "UP" and "DOWN" buttons at the same time, then switch on the radio to enter the "SYSTEM" menu. Press both "UP" and "DOWN" buttons again to exist the "SYSTEM" menu when setting finished.

4.1 Model name

In the "NAME" setting, there is a word set which is comprised of 5 bytes which you can edit or rename the model name of your own choosing.

Press "UP" or "DOWN" to find the: MDL NAME, then press "SELECT" to enter the name menu, press "SELECT" to move the cursor, press "INC" or "DEC" to set the name. Press both "UP" and "DOWN" buttons to exit after setting finished.

SYSTEM
1: MDL NAME
2: MDL SEL
3: MDL COPY
4: MDL RST

MODEL NAME
MODEL 1 FHSS
HELI
NAME: < HCP100 >
↑

4.2 Model select

Model select: You can select each type from the HiSKY stored options, or your own custom settings.

Press "UP" or "DOWN" to find the:MDL SEL , then press "SELECT" to enter the "MDL SEL" menu, press "INC" or "DEC" to choose the model type. Press both "UP" and "DOWN" buttons to exit after setting finished.

SYSTEM
1: MDL NAME
2: MDL SEL
3: MDL COPY
4: MDL RST

MODEL SELECT
MODEL 1 FHSS
HELI
NAME: < HCP100 >

MODEL SELECT
MODEL 2 FHSS
HELI
NAME: < HCP80 >

4.3 Model copy

the function which you can copy the model type or data from one group to another.

Press "UP" or "DOWN" to find the"MDL COPY", then press "SELECT" to enter the "MOL COPY" menu, press "INC" or "DEC" to choose the model type. Press both "UP" and "DOWN" buttons to exit after setting finished.

SYSTEM
1:MDL NAME
2:MDL SEL
3:MDL COPY
4:MDL RST

MODEL COPY
MODEL 1 FHSS HELI
NAME: < HCP100 >
MODEL 2

MODEL COPY
MODEL 1 FHSS HELI
NAME: < HCP100 >
MODEL 3

4.4 Model reset

Reset all options to factory settings when data confusion caused by improper operation.

Press “UP” or “DOWN” to find the “MDL RESET”, Then press “SELECT” to enter the “MOL RST” menu, press “SELECT” to confirm the resetting.

SYSTEM
1:MDL NAME
2:MDL SEL
3:MDL COPY
4:MDL RST

MODEL RESET
MODEL 1 FHSS HELI
NAME: < HCP100 >
DATA RESE ?


MODEL RESET
MODEL 1 FHSS HELI
NAME: < HCP100 >
DATA RESE ?


4.5 Model type

Model types are divided into “HELICOPTER” and “AIRPLANE”. The “HELICOPTER” type may subdivide for 90°swash plate, 120°swash plate, 140°swash plate, 180°swash plate

Press “UP” or “DOWN” to find the “MDL TYPE”, then press “SELECT” to enter the “MOL TYPE” menu, press “INC” or “DEC” to choose the model type. Press both “UP” and “DOWN” buttons to exit after setting finished

SYSTEM
5:MDL TYPE
6:STK TYPE
7:STK ADJ

PLANE TYPE
MODEL 1

3 Servos 140

PLANE TYPE
MODEL 1

3 Servos 120

4.6 Stick type

There are 4 stick modes including MODE1, MODE2, MODE3 and MODE4.

Press “UP” or “DOWN” to find the “STK TYPE”, then press “SELECT” to enter the “STY TYPE” menu, press “INC” or “DEC” to choose the stick type. Press both “UP” and “DOWN” buttons to exit after setting finished.

SYSTEM
5:MDL TYPE
6:STK TYPE
7:STK ADJ

STICK TYPE
MODEL 1
2 3
4 ← → 1

STICK TYPE
MODEL 2
3 2
4 ← → 1

STICK TYPE
MODEL 3
2 3
1 ← → 4

STICK TYPE
MODEL 4
3 2
1 ← → 4

4.7 Throttle recalibration

Throttle calibration is about the throttle center position calibration.

Press “UP” or “DOWN” to find the “STK ADJ”, then press “SELECT” to enter the “STK ADJ” menu, move the throttle to center position, Press both “INC” and “DEC” buttons to confirm. Press both “UP” and “DOWN” buttons to exit after setting finished

SYSTEM
5:MDL TYPE
6:STK TYPE
7:STK ADJ

STICK ADJUST
Adjust stick?
YES: < INC & DEC >

STICK ADJUST
Adjust stick?
YES: < INC & DEC >
SET OK

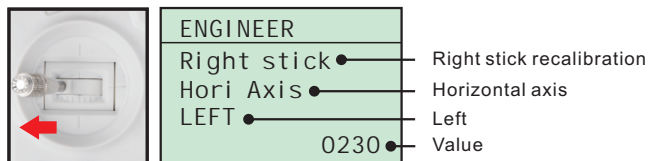
5.0 Stick Recalibration

Stick calibration is about the stick travel and center position calibration

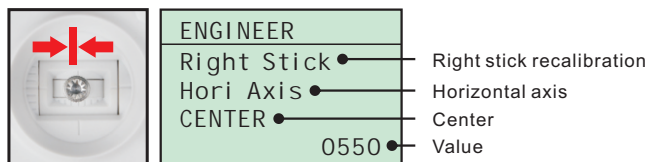
Press both "SELECT" and "INC" buttons simultaneously, then switch on the radio to enter the "ENGINEER" menu. Press both "UP" and "DOWN" buttons to exit after.

5.1 Right stick recalibration

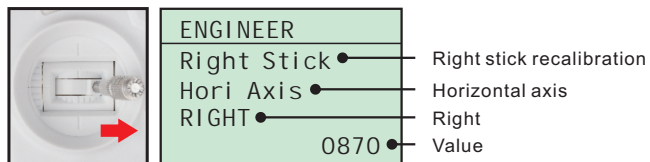
First step: push the right stick horizontally to the left end. Press both "INC" and "DEC" buttons simultaneously to confirm, press "DOWN" to the second step.



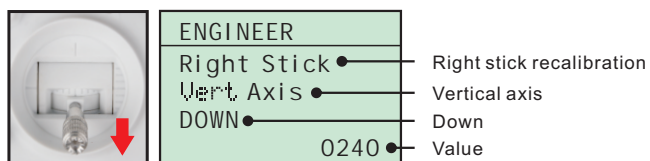
Second step: push the right stick back to the center position. Press both "INC" and "DEC" buttons simultaneously to confirm, press "DOWN" to the third step.



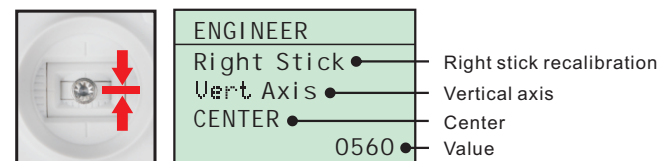
Third step: push the right stick horizontally to the right end. Press both "INC" and "DEC" buttons simultaneously to confirm, press "DOWN" to the fourth step.



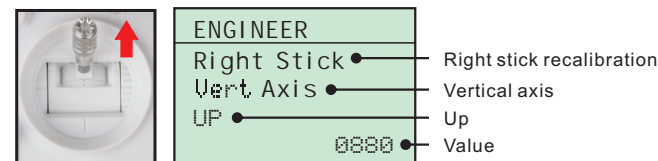
Fourth step: pull the right stick vertically down to the bottom. Press both "INC" and "DEC" buttons simultaneously to confirm, press "DOWN" to the fifth step.



Fifth step: push the right stick back to the center position. Press both "INC" and "DEC" buttons simultaneously to confirm, press "DOWN" to the sixth step.

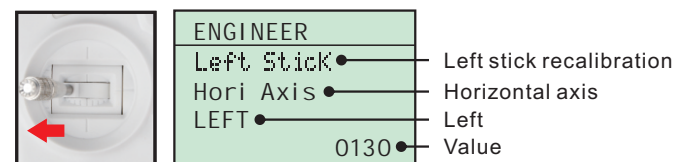


Sixth step: push the right stick vertically up to the top. Press both "INC" and "DEC" buttons simultaneously to confirm, press "DOWN" to the left stick recalibration step.

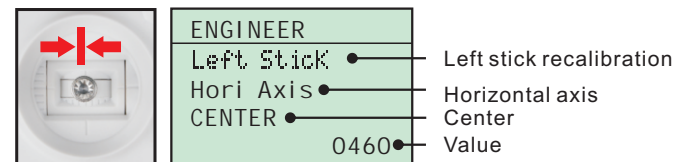


5.2 Left stick recalibration

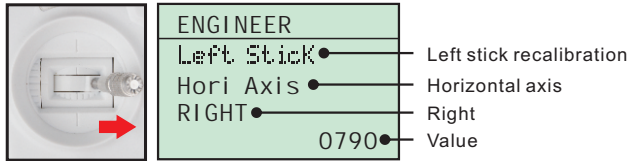
First step: push the left stick horizontally to the left end. Press both "INC" and "DEC" buttons simultaneously to confirm, press "DOWN" to the second step.



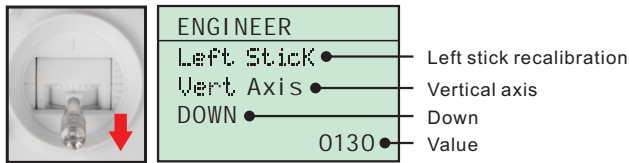
Second step: push the left stick back to the center position. Press both "INC" and "DEC" buttons simultaneously to confirm, press "DOWN" to the third step.



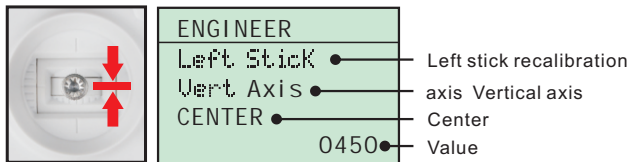
Third step: push the left stick horizontally to the right end. Press both "INC" and "DEC" buttons simultaneously to confirm, press "DOWN" to the fourth step.



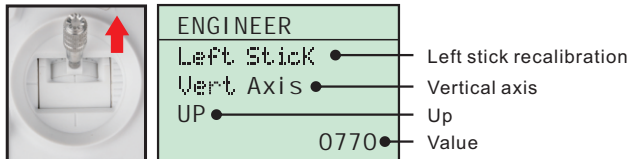
Fourth step: pull the left stick vertically down to the bottom. Press both "INC" and "DEC" buttons simultaneously to confirm, press "DOWN" to the fifth step.



Fifth step: push the left stick back to the center position. Press both "INC" and "DEC" buttons simultaneously to confirm, press "DOWN" to the sixth step.

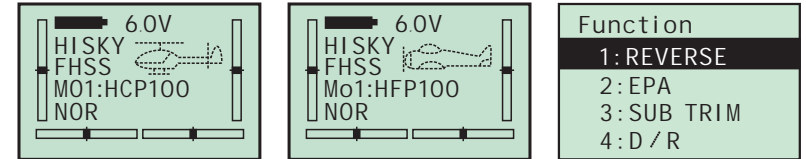


Sixth step: push the right stick vertically up to the top. Press both "INC" and "DEC" buttons simultaneously to confirm, Press both "UP" and "DOWN" buttons to exit after setting finished.



6.0 Helicopter Function Menu

Helicopter function menu manage all of the helicopter data saved in H-6. Follow step 4.5 to enter the helicopter system setting menu, then press both "UP" and "DOWN" buttons to exit to the function menu, as picture (1) below. Press both "UP" and "DOWN" buttons simultaneously again to enter the helicopter function menu, as picture (3) below.

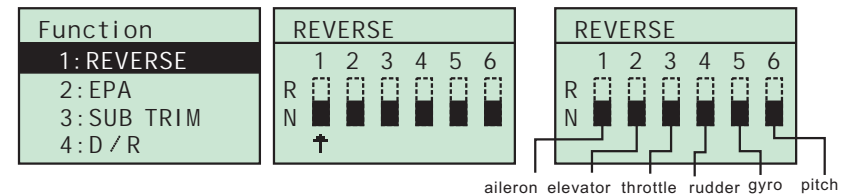


(1) Helicopter type (2) Airplane type (3) Helicopter Function Menu

6.1 Reverse switch

Reverse switch: If the actual output direction opposes the desired with the instruction, this setting can correct it

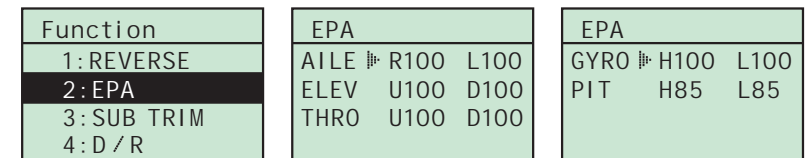
Press both "UP" and "DOWN" buttons to enter the helicopter function menu, find the "REVERSE" and press the "SELECT" to enter the "REVERSE" menu. Press "SELECT" to move the cursor to select the option will be reversed. Then press "DEC" or "INC" to select R/N. Press both "UP" and "DOWN" buttons to exit when setting finished.



6.2 EPA

End point adjust is the master control of how much the transmitter will let a servo move. It's the master 'throw' adjustment for the channel

Press both "UP" and "DOWN" buttons to enter the helicopter function menu, find the "TRAVEL" and press the "SELECT" to enter the "TRAVEL" menu. Press "SELECT" to move the cursor. Then press "DEC" or "INC" to set the data. Press both "UP" and "DOWN" buttons to exit when setting finished.



6.3 Sub trim

This is a trim function on many computer radios, allowing trim function during set-up, and still allowing the full trim function in flight, the factory default data is "0".

Press both "UP" and "DOWN" buttons to enter the helicopter function menu, find the "SUB TRIM" and press the "SELECT" to enter the "SUB TRIM" menu. Press "SELECT" to move the cursor. Then press "DEC" or "INC" to set the data. Press both "UP" and "DOWN" buttons to exit when setting finished.

Function	SUB TRIM	SUB TRIM
1: REVERSE	AILE \leftarrow 0	GYRO \leftarrow 0
2: EPA	ELEV 0	PIT 0
3: SUB TRIM	THRO 0	
4: D / R	RUDD 0	

6.4 Dual rate and exponential(D/R)

D/R is a switch that can make controls more or less sensitive. When the D/R position switch at the "0" position, servos move 100%; when the D/R position switch at the "1" position, servos move 70%.

Press both "UP" and "DOWN" buttons to enter the helicopter function menu, find the "D/R" and press the "SELECT" to enter the "D/R" menu. Press "SELECT" to move the cursor. Then press "DEC" or "INC" to set the data. Press both "UP" and "DOWN" buttons to exit when setting finished.

Function
1: REVERSE
2: EPA
3: SUB TRIM
4: D / R

(1) D/R switch at the "0" position

D / R		D / R		D / R	
AILEO		ELEVO		RUDDO	
E: 0		E: 0		E: 0	
DR: 100		DR: 100		DR: 100	

(2) D/R switch at the "1" position

D / R		D / R		D / R	
AILEO		ELEVO		RUDDO	
E: 0		E: 0		E: 0	
DR: 70		DR: 70		DR: 70	

6.5 Throttle hold

Throttle hold: A function which locks the throttle at a fixed point while a switch is activated. When the "TH HOLD" position switch at the "0" position, the throttle is in a normal operation; when the TH HOLD position switch at the "1" position, the throttle is hold in an idle.

Press both "UP" and "DOWN" buttons to enter the helicopter function menu, find the "TH. HOLD" and press the "SELECT" to enter the "TH. HOLD" menu. Then press "DEC" or "DOWN" to set the data. Press both "UP" and "DOWN" buttons to exit when setting finished.

Function	THRO.HOLD
5: TH HOLD	
6: GYRO SEN	\leftarrow POS: 0
7: TH CURV	
8: PIT CURV	

6.6 Gyro gain

Gyro gain: Used to activate each rate of a dual rate gyro based on switch position. The factory default data is "50".

Press both "UP" and "DOWN" buttons to enter the helicopter function menu, find the "GYRO SEN" and press the "SELECT" to enter the "GYRO SEN" menu. Press "SELECT" to move the cursor. Then press "DEC" or "INC" to set the data. Press both "UP" and "DOWN" buttons to exit when setting finished.

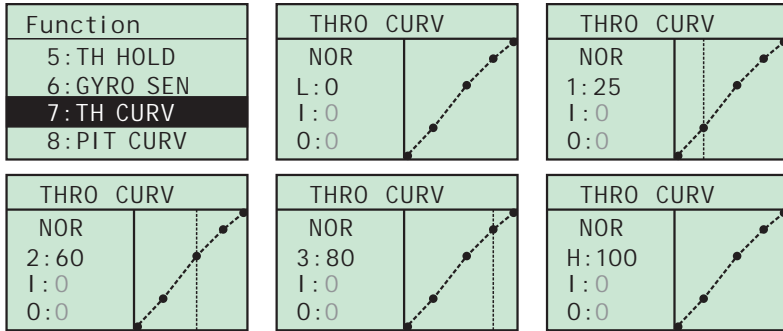
Function	GYRO SENCE
5: TH HOLD	\leftarrow 50 POS0
6: GYRO SEN	50 POS1
7: TH CURV	
8: PIT CURV	

6.7 Throttle curve

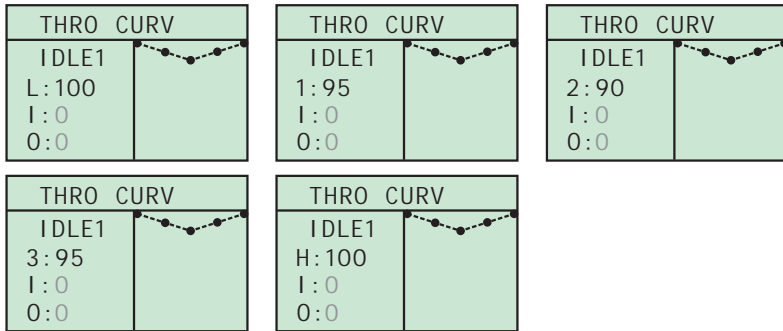
Made up a 5 points, throttle operation will be adjusted by adjusting the data of each point, to meet the modeler's specific needs.

Press both "UP" and "DOWN" buttons to enter the helicopter function menu, find the "TH CURV" and press the "SELECT" to enter the "TH CURV" menu. Press button "SELECT" to move the cursor. Then press "DEC" or "INC" to set the data. Press both "UP" and "DOWN" buttons to exit when setting finished.

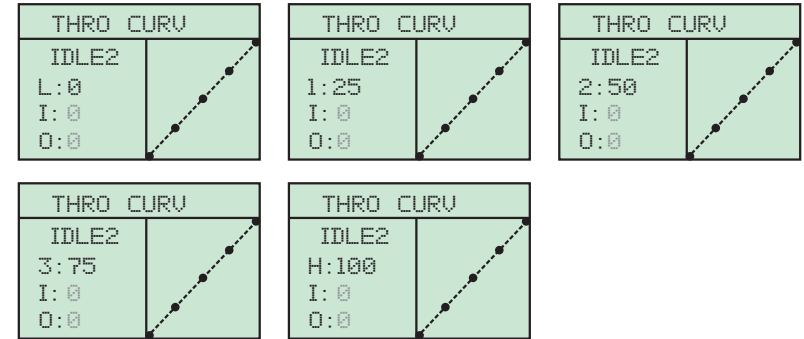
(1) Normal mode



(2) 1 Idle mode1



(3) Idle mode2

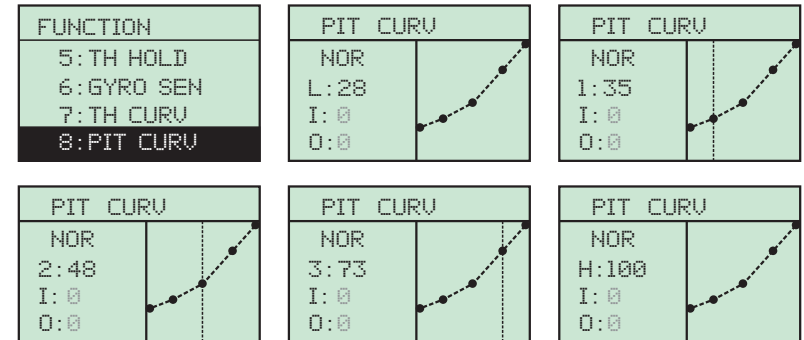


6.8 Pitch curve

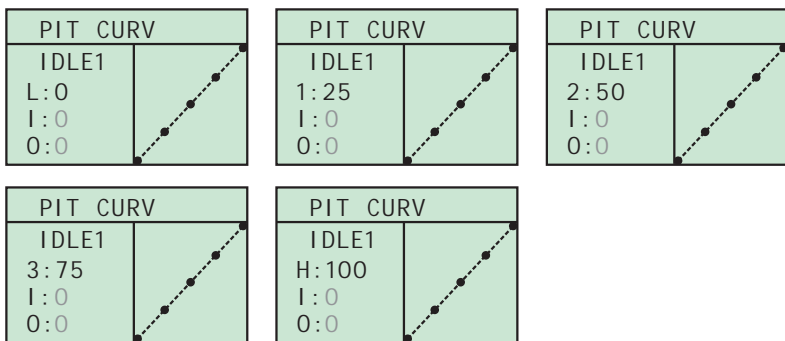
Made up a 5 points, throttle operation will be adjusted by adjusting the data of each point, to meet the modeler's specific needs.

Press both "UP" and "DOWN" buttons to enter the helicopter function menu, find the "PIT CURV" and press the "SELECT" to enter the "PIT CURV" menu. Press button "SELECT" to move the cursor. Then press "DEC" or "INC" to set the data. Press both "UP" and "DOWN" buttons to exit when setting finished.

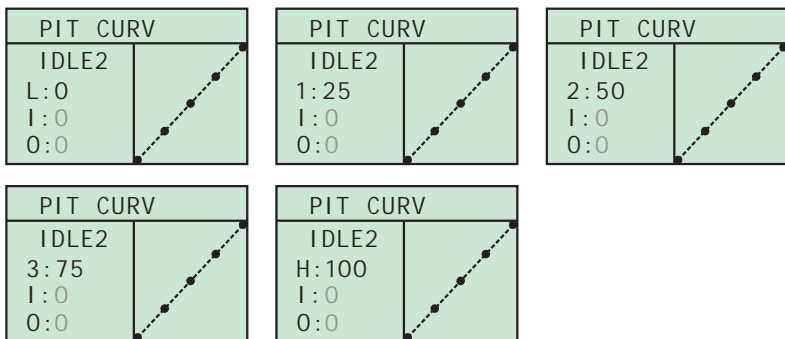
(1) Normal mode



(2) 1 Idle mode 1



(3) 2 Idle mode 2



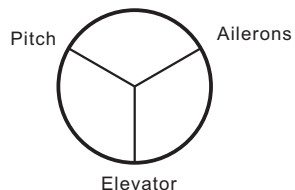
6.9 Swash mix

Swash mix including "AILE" (ailerons), "PIT" (pitch) and "ELEV" (elevator).

Press both "UP" and "DOWN" buttons to enter the helicopter function menu, find the "SWASH MIX" and press the "SELECT" to enter the "SWASH MIX" menu. Press button "SELECT" to move the cursor. Then press "DEC" or "INC" to set the data, press "CLEAR" to was reset to factory setting data. Press both "UP" and "DOWN" buttons to exit when setting finished.

Function
9: SWASH MIX
10: REVO MIX
11: PRO MIX1
12: PRO MIX2

SWASH MIX
AILE : 30
PIT : -46
ELEV : -25
3 Servos 140



6.10 Revolution Mix

The function of the radio which mixes throttle to rudder, preventing unwanted yaw of the helicopter during sudden throttle increase or decrease.

Press both "UP" and "DOWN" buttons to enter the helicopter function menu, find the "REVO MIX" and press the "SELECT" to enter the "REVO MIX" menu. Press button "SELECT" to move the cursor. Then press "DEC" or "INC" to set the data. Press both "UP" and "DOWN" buttons to exit when setting finished.

Function
9: SWASH MIX
10: REVO MIX
11: PRO MIX1
12: PRO MIX2

rpm MIX
NOR IDLE
U 0 U 0
D 0 D 0

6.11 Program Mix 1

Used to cause specific servo responses to specific inputs separate from the basic control set-ups.

Press both "UP" and "DOWN" buttons to enter the helicopter function menu, find the "PRO MIX1" and press the "SELECT" to enter the "REVO MIX1" menu. Press button "SELECT" to move the cursor. Then press "DEC" or "INC" to set the data. Press both "UP" and "DOWN" buttons to exit when setting finished.

Function
9: SWASH MIX
10: REVO MIX
11: PRO MIX1
12: PRO MIX2

PRO MIX1
AUX2 ⇄ AUX2
R: H 0 L 0
SW: INH
OFFSET: 0

PRO MIX1
PIT ⇄ PIT
R: H 0 L 0
SW: INH
OFFSET: 0

PRO MIX1
GYRO ⇄ GYRO
R: H 0 D 0
SW: INH
OFFSET: 0

PRO MIX1
RUDD ⇄ RUDD
R: R 0 D 0
SW: INH
OFFSET: 0

PRO MIX1
THRO ⇄ THRO
R: U 0 D 0
SW: INH
OFFSET: 0

PRO MIX1
ELEV ⇄ ELEV
R: U 0 D 0
SW: INH
OFFSET: 0

PRO MIX1
AILE ⇄ AILE
R: R 0 D 0
SW: INH
OFFSET: 0

6.12 Program Mix 2

Used to cause specific servo responses to specific inputs separate from the basic control set-ups.

Press both “UP” and “DOWN” buttons to enter the helicopter function menu, find the “PRO MIX2” and press the “SELECT” to enter the “PRO MIX2” menu. Press button “SELECT” to move the cursor. Then press “DEC” or “INC” to set the data. Press both “UP” and “DOWN” buttons to exit when setting finished.

Function 9: SWASH MIX 10: REVO MIX 11: PRO MIX1 12: PRO MIX2	PRO MIX2 AUX2 ⇄ AUX2 R: H O L O SW: INH OFFSET: 0	PRO MIX2 PIT ⇄ PIT R: H O L O SW: INH OFFSET: 0
PRO MIX2 GYRO ⇄ GYRO R: H O D O SW: INH OFFSET: 0	PRO MIX2 RUDD ⇄ RUDD R: R O D O SW: INH OFFSET: 0	PRO MIX2 THRO ⇄ THRO R: U O D O SW: INH OFFSET: 0
PRO MIX2 ELEV ⇄ ELEV R: U O D O SW: INH OFFSET: 0	PRO MIX2 AILE ⇄ AILE R: R O D O SW: INH OFFSET: 0	

6.13 Timer

Timer: for setting the flight time.

Press both “UP” and “DOWN” buttons to enter the helicopter function menu, find the “TIMER” and press the “SELECT” to enter the “TIMER” menu. Press button “SELECT” to move the cursor. Then press “DEC” or “INC” to set the data. Press both “UP” and “DOWN” buttons to exit when setting finished. Back to the boot interface press “INC” to start timing, press “INC” to pause.

Function 13: TIMER 14: MONITOR	TIMER INH — off 10: 00
---	------------------------------

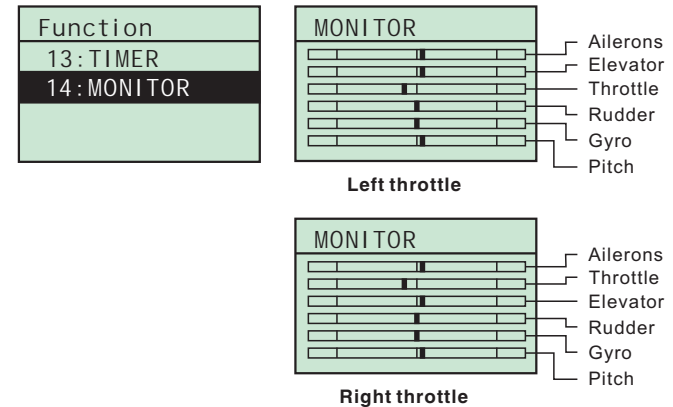
TIMER UP - T 10: 00	TIMER DOWN - T 10: 00
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UP-T: count from 00:00 to 10:00
 DOWN-T: count from 10:00 to 00:00

6.14 Monitor

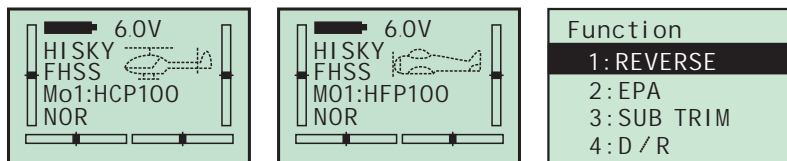
Monitor: for checking the travel data of each channel.

Press both “UP” and “DOWN” buttons to enter the helicopter function menu, find the “MONITOR” and press the “SELECT” to enter the “MONITOR” menu. when you operate the stick, the channel will be changed accordingly. Press both “UP” and “DOWN” buttons to exit when setting finished.



7.0 Airplane function menu

Airplane function menu manages all of the Airplane data saved in the H-6. Follow the step 4.5 to enter the Airplane system setting menu, then press both “UP” and “DOWN” buttons to exit to the function menu, as picture (2) below. Press both “UP” and “DOWN” buttons simultaneously again to enter the Airplane function menu, as picture (3) below.



(1) Helicopter type

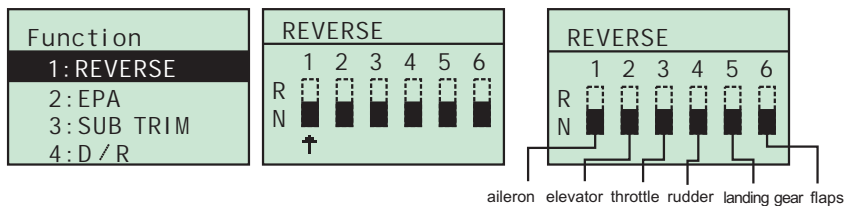
(2) Airplane type

(3) Airplane Function Menu

7.1 Reverse switch

Reverse switch: If the actual output direction opposes the desired output, this setting can reverse the direction of travel.

Press both “UP” and “DOWN” buttons to enter the airplane function menu, find the “REVERSE” and press the “SELECT” to enter the “REVERSE” menu. Press “SELECT” to move the cursor to select the option will be reversed. Then press “DEC” or “INC” to select R/N. Press both “UP” and “DOWN” buttons to exit when setting finished.



7.2 End point adjustment (EPA)

End point adjustment is the master control of how much the H-6 will let the servo or channel move. It's the master 'throw' adjustment for the channel.

Press both “UP” and “DOWN” buttons to enter the Airplane function menu, find the “TRAVEL” and press the “SELECT” to enter the “TRAVEL” menu. Press “SELECT” to move the cursor. Then press “DEC” or “INC” to set the data. Press both “UP” and “DOWN” buttons to exit when setting finished.

Function	EPA	EPA
1: REVERSE	AILE R100 L100	GYRO H100 L100
2: EPA	ELEV U100 D100	PIT H85 L85
3: SUB TRIM	THRO U100 D100	
4: D / R		

7.3 Sub trim

This is a trim function on many computer radios, allowing trim function during set-up, and still allowing the full trim function in flight, the factory default data is “0”.

Press both “UP” and “DOWN” buttons to enter the Airplane function menu, find the “SUB TRIM” and press the “SELECT” to enter the “SUB TRIM” menu. Press “SELECT” to move the cursor. Then press “DEC” or “INC” to set the data. Press both “UP” and “DOWN” buttons to exit when setting finished.

Function	SUB TRIM	SUB TRIM
1: REVERSE	AILE 0	GYRO 0
2: EPA	ELEV 0	PIT 0
3: SUB TRIM	THRO 0	
4: D / R	RUDD 0	

7.4 Dual rate and exponential(D/R)

D/R is a switch that can make controls more or less sensitive. When the D/R position switch at the “0” position, servos moves within 100% of its physical limit; when the D/R position switch at the “1” position, servos has within 70% travel.

Press both “UP” and “DOWN” buttons to enter the Airplane function menu, find the “D/R” and press the “SELECT” to enter the “D/R” menu. Press “SELECT” to move the cursor. Then press “DEC” or “INC” to set the data. Press both “UP” and “DOWN” buttons to exit when finished with the setup.

Function
1: REVERSE
2: EPA
3: SUB TRIM
4: D / R

(1) D/R switch at the "0" position

D / R	D / R	D / R
AILE0	ELEVO	RUDDO
E: 0	E: 0	E: 0
DR: 100	DR: 100	DR: 100

(2) D/R switch at the "1" position

D / R		D / R		D / R	
AILEO		ELEVO		RUDDO	
E : 0		E : 0		E : 0	
DR : 70		DR : 70		DR : 70	

7.5 Throttle hold

Throttle hold: A function which locks the throttle at a fixed point while a switch is activated. When the "TH HOLD" position switch at the "0" position, the throttle is in a normal operation; when the TH HOLD position switch at the "1" position, the throttle is hold in an idle.

Press both "UP" and "DOWN" buttons to enter the airplane function menu, find the "TH. HOLD" and press the "SELECT" to enter the "TH. HOLD" menu. Then press "DEC" or "DOWN" to set the data. Press both "UP" and "DOWN" buttons to exit when setting finished.

Function	THRO.HOLD
5: TH HOLD	
6: FLAP-AILE	POS: 0
7: ELEVRON	
8: AILE DIFF	

7.6 Flap Mix to Aileron Mix

This function permits mixing of the aileron and flag channels.

Press both "UP" and "DOWN" buttons to enter the airplane function menu, find the "FLAG-AILE" and press the "SELECT" to enter the "FLAG-AILE" menu. Press button "SELECT" to move the cursor. Then press "DEC" or "INC" to set the data. Press both "UP" and "DOWN" buttons to exit when setting finished.

Function	FLAP-AILE	FLAP-AILE
5: TH HOLD	A11R 100L 100	A11R 100L 100
6: FLAP-AILE	A12R 100L 100	AL2R 100L 100
7: ELEVRON	FLAP1 : 100	FLAR1 : 100
8: AILE DIFF	FLAP2 : 100	FLAR2 : 100

A11R refer to aileron 1, A12R refer to aileron 2. Flap Mix to Aileron Mix function off shown as Fig. (2), Flap Mix to Aileron Mix function on shown as Fig.(3)

7.7 Elevator mix to aileron mix

This function permits mixing of the elevator and aileron channels.

Press both "UP" and "DOWN" buttons to enter the airplane function menu, find the "ELEVATOR" and press the "SELECT" to enter the "ELEVATOR" menu. Press button "SELECT" to move the cursor. Then press "DEC" or "INC" to set the data. Press both "UP" and "DOWN" buttons to exit when setting finished.

Function	ELEVRON	ELEVRON
5: TH HOLD	A11R 100L 100	A11R 100L 100
6: FLAP-AILE	A12R 100L 100	AL2R 100L 100
7: ELEVRON	ELEV1 : -100	ELEV1 : -100
8: AILE DIFF	ELEV2 : 100	ELEV2 : 100

A11R refer to aileron 1, A12R refer to aileron 2. Elevator mix to aileron mix function off shown as Fig.(2), Elevator mix to aileron mix function on shown as Fig.(3)

7.8 Aileron mix

This function permits mixing of the aileron channel.

Press both "UP" and "DOWN" buttons to enter the airplane function menu, find the "AILE DIFF" and press the "SELECT" to enter the "AILE DIFF" menu. Press button "SELECT" to move the cursor. Then press "DEC" or "INC" to set the data. Press both "UP" and "DOWN" buttons to exit when setting finished.

Function	AILE DIFF	AILE DIFF
5: TH HOLD	AILE1 : 100	AILE1 : 100
6: FLAP-AILE	100	100
7: ELEVRON	AILE2 : 100	AILE2 : 100
8: AILE DIFF	100	100

Aileron mix function off shown as Fig.(2), Aileron mix function on shown as Fig.(3)

7.9 V-tail mix

Used on a V-tail model to have 2 servos operate 2 control surfaces as both rudder and elevator.

Press both “UP” and “DOWN” buttons to enter the airplane function menu, find the “V-TAIL” and press the “SELECT” to enter the “V-TAIL” menu. Press button “SELECT” to move the cursor. Then press “DEC” or “INC” to set the data. Press both “UP” and “DOWN” buttons to exit when setting finished.

Function 9: V-TAIL 10: AILEVATOR 11: PRO MIX1 12: CH. SET	V-TAIL ELEV1: 50 ELEV2: -50 RUDD1: 50 RUDD2: 50	V-TAIL ELEV1: 50 ELEV2: -50 RUDD1: 50 RUDD2: 50
(1)	(2) OFF	(3) ON

V-tail mix function off shown as Fig.(2), V-tail mix function on shown as Fig.(3)

7.10 Aileron mix & elevator mix

This function permits mixing of the aileron and elevator channels.

Press both “UP” and “DOWN” buttons to enter the airplane function menu, find the “AILEVATOR” and press the “SELECT” to enter the “AILEVATOR” menu. Press button “SELECT” to move the cursor. Then press “DEC” or “INC” to set the data. Press both “UP” and “DOWN” buttons to exit when setting finished.

Function 9: V-TAIL 10: AILEVATOR 11: PRO MIX1 12: CH. SET	AILEVATOR AILE3: -50 AILE4: -50 ELEV2: -100 ELEV1: 100	AILEVATOR AILE3: -50 AILE4: -50 ELEV2: -100 ELEV1: 100
(1)	(2) OFF	(3) ON

Aileron mix & elevator mix function off shown as Fig.(2), Aileron mix & elevator mix function on shown as Fig.(3)

7.11 Program Mix

Used to cause specific servo responses to specific inputs separate from the basic control set-ups.

Press both “UP” and “DOWN” buttons to enter the Airplane function menu, find the “PRO MIX1” and press the “SELECT” to enter the “PRO MIX1” menu. Press button “SELECT” to move the cursor. Then press “DEC” or “INC” to set the data. Press both “UP” and “DOWN” buttons to exit when setting finished.

Function 9: V-TAIL 10: AILEVATOR 11: PRO MIX1 12: CH. SET	PRO MIX1 AUX2 ↕ AUX2 R: H 0 L 0 SW: INH OFFSET: 0	PRO MIX1 FLAP ↕ FLAP R: H 0 L 0 SW: INH OFFSET: 0
PRO MIX1 GEAR ↕ GEAR R: H 0 D 0 SW: INH OFFSET: 0	PRO MIX1 RUDD ↕ RUDD R: R 0 L 0 SW: INH OFFSET: 0	PRO MIX1 THRO ↕ THRO R: U 0 D 0 SW: INH OFFSET: 0
PRO MIX1 ELEV ↕ ELEV R: U 0 D 0 SW: INH OFFSET: 0	PRO MIX1 AILE ↕ AILE R: R 0 L 0 SW: INH OFFSET: 0	

7.12 Channel setting

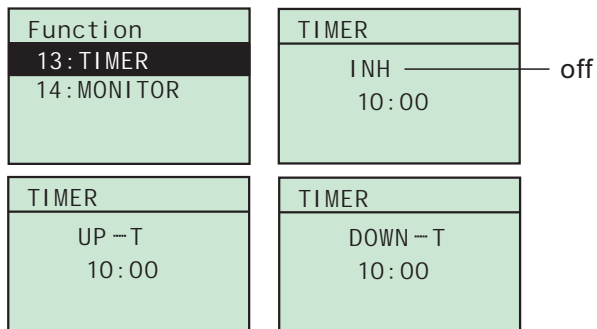
Press both “UP” and “DOWN” buttons to enter the Airplane function menu, find the “CH. SET” and press the “SELECT” to enter the “CH. SET” menu. Press button “SELECT” to move the cursor. Then press “DEC” or “INC” to set the data. Press both “UP” and “DOWN” buttons to exit when setting finished.

Function 9: V-TAIL 10: AILEVATOR 11: PRO MIX1 12: CH. SET	CH. SET GEAR: TH. HOLD FLAP: GYRO
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7.13 Timer

Timer: for setting the flight time.

Press both “UP” and “DOWN” buttons to enter the helicopter function menu, find the “TIMER” and press the “SELECT” to enter the “TIMER” menu. Press button “SELECT” to move the cursor. Then press “DEC” or “INC” to set the data. Press both “UP” and “DOWN” buttons to exit when setting finished. Back to the boot interface press “INC” to start timing, press “INC” to pause.

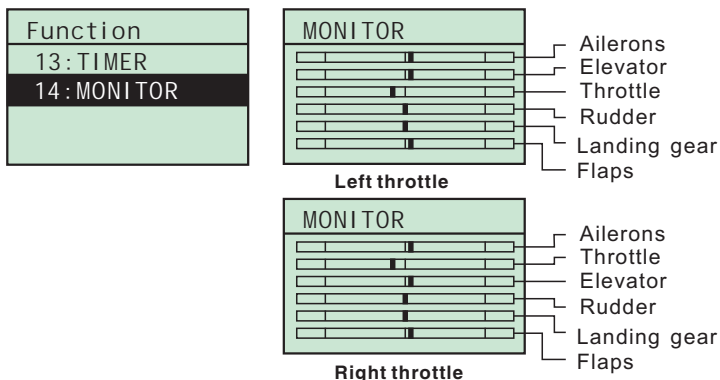


UP-T: count from 00:00 to 10:00
 DOWN-T: count from 10:00 to 00:00

7.14 Monitor

Monitor: for checking the travel data of each channel.

Press both “UP” and “DOWN” buttons to enter the Airplane function menu, find the “MONITOR” and press the “SELECT” to enter the “MONITOR” menu.when you operate the stick, the channel will be changed accordingly. Press both “UP” and “DOWN” buttons to exit when setting finished.



This device complies with part 15 of the FCC rules.

Operation is subject to the following two conditions

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

1.0 前言

1.1 重要声明

- (1) 本产品适用于有操作模型经验者，年龄不小于14周岁的人群。
- (2) 使用场所必须是当地合法的遥控飞机飞行场地。
- (3) 产品一经售出，我们将不任何由操作和使用、控制等方面产生的安全责任。
- (4) 如遇使用、操作、维修等问题，我们委托经销商提供技术支持和今后服务,或联系我们的 客服。

1.2 安全注意事项

- (1) 正当使用本产品
请勿自行改装，请在产品功能允许的范围内进行操作和使用。
- (2) 安全操作
请根据自身的状态和飞行技能,操作遥控模型。疲劳、精神不佳或操作不当，将会增加意外风险的概率。
- (3) 远离人群和障碍物
遥控模型飞行时具有不确定的因素，飞行时必须远离人群,建筑，高压电线等，同时不要在夜晚，风雨，雷电等恶劣天气下使用，以确保飞行者，周围人群和财产的安全。
- (4) 远离潮湿环境
本产品是由许多的机械零件和电子元件组成，必须防止潮湿或水气进入机休，以免机械零件，电子元件故障而引发意外。
- (5) 远离热源
本产品是由许多的机械零件和电子元件组成，必须远离热源，以止日晒，避免因高温引起的变形，甚至损坏。免机械零件，电子元件故障而引发意外。

1.3 飞行前注意事项

- (1) 确保发射机与接收机电池电量处于饱和状态。
- (2) 开机前确保油门摇杆处于最低状态。
- (3) 开机时必须遵守电源开、关顺序。开机时应先开启发射机的电源，再接通飞机的电源；关机时应先断开飞机的电源，再断开发射机的电源。不正确的开、关机会造成模型失控，影响自身和他人的安全，请养成正确的开、关机习惯。

2.0 规格与特性

2.1 H-6发射机规格

- (1) 通道: 6
- (2) 分辨率: 1024
- (3) 发射频率: 2.4GHz ISM 频段
- (4) 调变方式: GFSK
- (5) 展频模式: FHSS
- (6) 展频信道数: 20
- (7) 跳频速率: 240跳/秒
- (8) 发射功率: $\leq 20\text{dBm}$
- (9) 工作电流: $\leq 150\text{mA}$
- (10) 产品尺寸: 150mmx188mmx70mm
- (11) 净重: 324g

2.2 H-6发射机特性

- (1) 采用2.4G跳频(FHSS)技术
- (2) 支持CCPM直升机, 固定翼
- (3) 数字微调
- (4) 十字盘混控
- (5) 双段陀螺感度调整和快捷切换
- (6) 5点螺距, 油门曲线
- (7) 10组模型数据储存
- (8) 低压报警

2.3 XY7000S接收机规格

- (1) 通道: 7
- (2) 工作频率: 2.4GHz ISM 频段
- (3) 制式: PCM
- (4) 展频模式: 跳频FHSS
- (5) 工作电压: 4.5-5.5V
- (6) 工作电流: $\leq 30\text{mA}$
- (7) 产品尺寸: 41mmx28mmx14mm
- (8) 净重: 11.5g

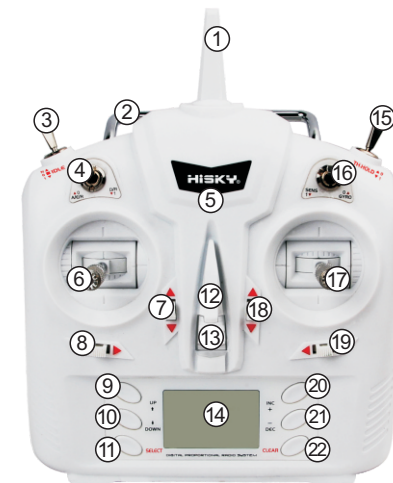
2.4 XY7000S接收机特性

- (1) 采用2.4G跳频(FHSS)技术
- (2) 接收灵敏度高, 抗干扰能力强

3.0 功能说明

3.1 正面功能

1. 天线
2. 把手
3. 直升机模式:倒飞(N/0/1)
固定翼模式:CH5起落架(N/0)
4. D/R(副翼 升降 方向舵)
5. 指示灯
6. 左操纵杆
7. 数字微调
8. 数字微调
9. 上翻键
10. 下翻键
11. 选择键
12. 挂钩
13. 电源开关
14. 显示屏
15. 油门保持
16. 直升机模式: 陀螺仪
固定翼模式: CH6襟翼
17. 右操纵杆
18. 数字微调
19. 数字微调
20. 加键
21. 减键
22. 复位键



3.2 背面功能

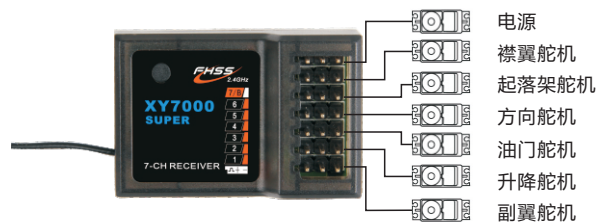
1. 螺丝1
2. 螺丝2
3. 螺丝3
4. 螺丝4
5. 模拟口
6. 电池盖



3.3 连接线和绑定

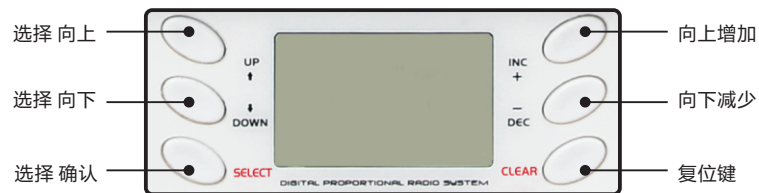
绑定：开启发射机电源，油门摇杆处于最低位置，无报警状态下接通接收机电源，按住接收机上的BIND按键，红灯闪烁后松手，直到接收机LED灯显示绿色，绑定成功。

注意：让接收机的天线尽量靠近发射机的天线，同时10米内无相同的设备进行绑定，如果接收机的LED灯还在闪烁，设备绑定失败，请重新绑定。



3.4 面板功能

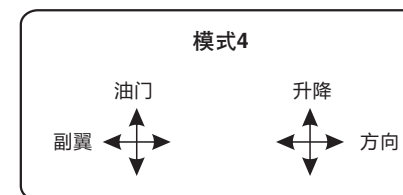
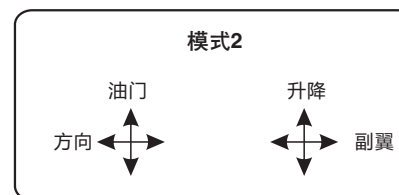
H-6功能面板上有6个按键，其功能如下：



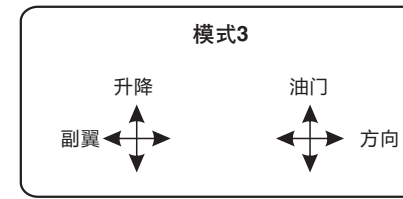
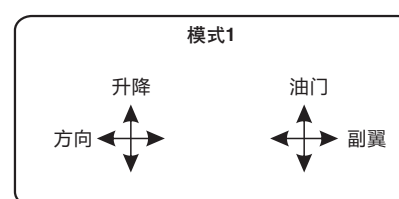
3.5 模式切换

共四种模式：左手油门包括模式2和模式4；右手油门包括模式1和模式3，如图：

左手油门模式



右手油门模式

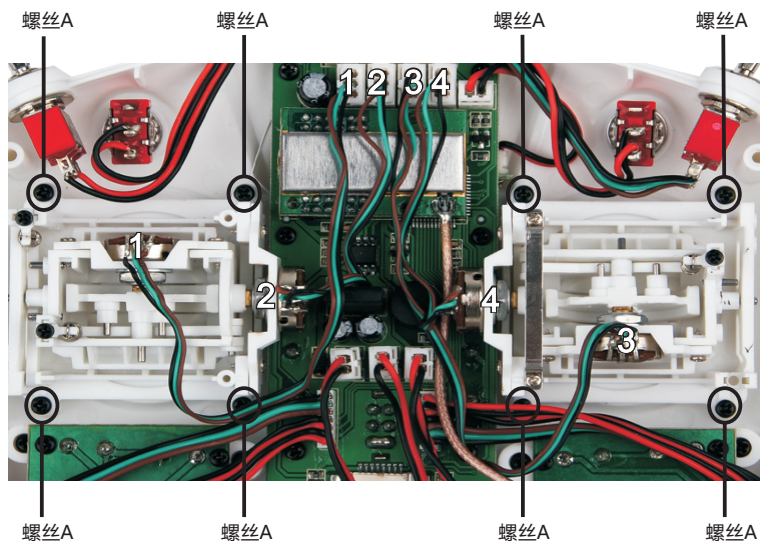


3.6 左右手切换

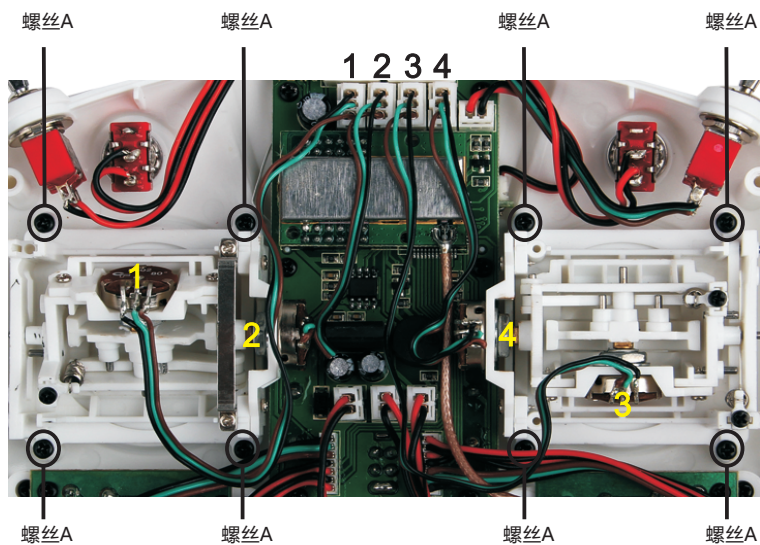
如果要进行左右手切换，则要分二步才能完成，即机械切换和电子切换。

(1) 机械切换

用十字螺丝批松开后壳上4个螺丝，取下后壳。左右手油门分别如下图。用十字螺丝批松开左右手操纵杆如图所示螺丝A，将油门操纵与非油门操纵对调，如左右手油门操纵图所示，再将螺丝A拧紧。电位器的连接线如图所示(1,2,3,4)。完成后安装好后壳。



左手油门操纵图



右手油门操纵图

(2) 电子切换

双按住“UP”和“DOWN”不放，开启发射机电源进入系统菜单，单按“UP”或“DOWN”找到第6项：STICK TYPE。按“SELECT”键进入菜单设置。按“INC”或“DEC”选择摇杆模式：MODE1或MODE3；MODE2或MODE4。

分别经过机械切换和电子切换完成左右手切换，可以正常使用。

SYSTEM
5: MDL TYPE
6: STK TYPE
7: STK ADJ

STICK TYPE
MODEL 1
2 3
4 ← → 1

STICK TYPE
MODEL 3
2 3
1 ← → 4

STICK TYPE
MODEL 2
3 2
← → 4 ← → 1

STICK TYPE
MODEL 4
3 2
1 ← → 4 ← → 1

注意：左手对应油门：MODE2/MODE4，右手对应油门：MODE1/MODE3。

3.7 电池安装

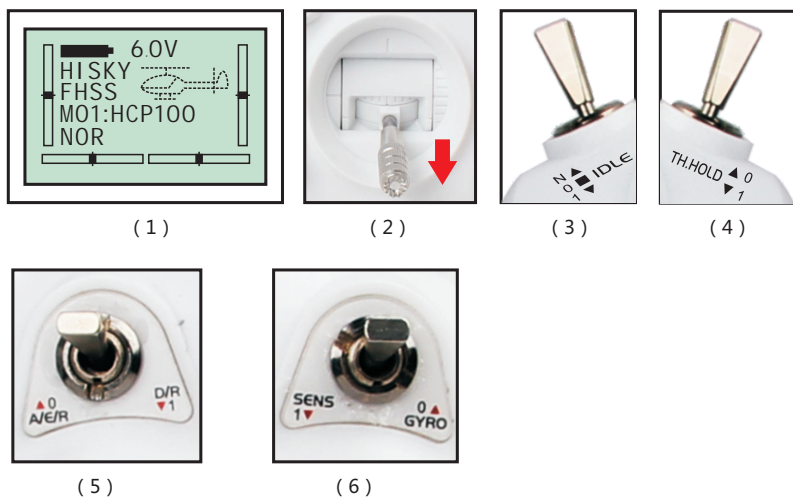


电池安装如图

3.8 LED灯演示功能

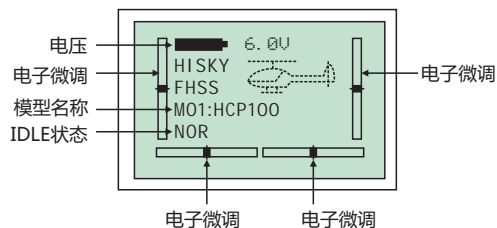
正常使用模式下,当LED灯是白色的时候,发射机正常工作。如果LED灯一直闪烁并发出嘟嘟响声,请检查并满足以下状态。

- (1) 电源电压不低于4V。
- (2) 开启发射机时,油门杆处于最低位置。
- (3) 开启发射机时,IDLE拔杆处于N位置。
- (4) 开启发射机时,TH.HOLD拔杆处于0位置。
- (5) 开启发射机时,D/R拔杆处于0位置。
- (6) 开启发射机时,GYRO拔杆处于0位置。



3.9 开机界面

开机界面如图



4.0 系统菜单

与遥控器本身操作系统相关的功能设置,都整合在系统菜单里。

双按住“UP”和“DOWN”不放,开启发射机电源进入系统菜单,双按“UP”和“DOWN”退出菜单。

4.1 模型命名

模型命名:由5位字节组成,可以建立新的模型名字和资料。

按“UP”或“DOWN”找到第1项:MDL NAME。按“SELECT”进入模型命名菜单,按“SELECT”移动光标,按“INC”或“DEC”设置命名。设置完成,双按“UP”和“DOWN”退出。

SYSTEM	
1:	MDL NAME
2:	MDL SEL
3:	MDL COPY
4:	MDL RST

MODEL NAME	
MODEL 1	FHSS
HELI	
NAME:	< HCP100 >
	↑

4.2 模型选择

模型选择:根据HiSKY不同的飞机调使不同的模型型号,也可以调使个人设置储存的模型型号。

按“UP”或“DOWN”找到第2项:MDL SEL。按“SELECT”进入模型选择菜单,按“INC”或“DEC”选择模型型号。设置完成,双按“UP”和“DOWN”退出。

SYSTEM	
1:	MDL NAME
2:	MDL SEL
3:	MDL COPY
4:	MDL RST

MODEL SELECT	
MODEL 1	FHSS
HELI	
NAME:	< HCP100 >

MODEL SELECT	
MODEL 2	FHSS
HELI	
NAME:	< HCP80 >

4.3 模型复制

模型复制:从另一组模型型号或资料复制到其它一组。

按“UP”或“DOWN”找到第3项:MDL COPY。按“SELECT”进入模型复制菜单,按“INC”或“DEC”选择模型模式。设置完成,按“SELECT”确认,双按“UP”和“DOWN”退出。

SYSTEM	
1:	MDL NAME
2:	MDL SEL
3:	MDL COPY
4:	MDL RST

MODEL COPY	
MODEL 1	FHSS
HELI	
NAME:	< HCP100 >
	MODEL 2

MODEL COPY	
MODEL 1	FHSS
HELI	
NAME:	< HCP100 >
	MODEL 3

4.4 模型复位

模型复位：由于操作不当造成数据混乱，恢复到出厂数据。



按"UP"或"DOWN"找到第4项：MDL RESET。按"SELECT"进入模型复位菜单，按"SELECT"确认。

SYSTEM 1:MDL NAME 2:MDL SEL 3:MDL COPY 4:MDL RST	MODEL RESET MODEL 1 FHSS HELI NAME: < HCP100 > DATA RESE ?	MODEL RESET MODEL 1 FHSS HELI NAME: < HCP100 > DATA RESE ?
--	--	--

4.5 模型类型

模型类型：分直升机类型或固定翼类型；直升机又分斜盘为140度，120度，90度，180度四种。


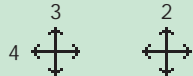
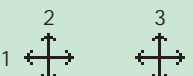
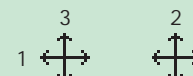
按"UP"或"DOWN"找到第5项：MDL TYPE。按"SELECT"进入模型类型菜单，按"INC"或"DEC"选择模型类型。设置完成，双按"UP"和"DOWN"退出。

SYSTEM 5:MDL TYPE 6:STK TYPE 7:STK ADJ	PLANE TYPE MODEL 1  3 Servos 140	PLANE TYPE MODEL 1  3 Servos 120
---	--	--

4.6 摇杆模式

摇杆模式：分MODE1、MODE2、MODE3、MODE4四种。

按"UP"或"DOWN"找到第6项：STK TYPE。按"SELECT"进入摇杆模式菜单，按"INC"或"DEC"选择摇杆模式。设置完成，双按"UP"和"DOWN"退出。

SYSTEM 5:MDL TYPE 6:STK TYPE 7:STK ADJ	STICK TYPE MODEL 1 	STICK TYPE MODEL 2 
STICK TYPE MODEL 3 	STICK TYPE MODEL 4 	

4.7 油门中位校正

油门中位校正：校正油门的中位。

按"UP"或"DOWN"找到第7项：STK ADJ。按"SELECT"进入油门中位校正菜单，将油门摇杆移到中位，双按"INC"和"DEC"确认。设置完成，双按"UP"和"DOWN"退出。

SYSTEM 5:MDL TYPE 6:STK TYPE 7:STK ADJ	STICK ADJUST Adjust stick? YES:<INC&DEC>	STICK ADJUST Adjust stick? YES:<INC&DEC> SET OK
---	--	--

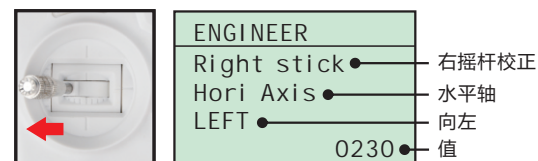
5.0 摇杆校正

摇杆校正：校正摇杆的行程和中位。

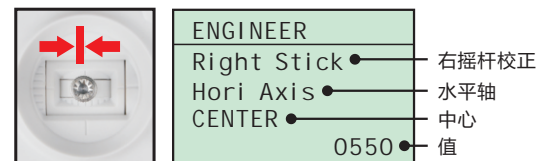
双按住"SELECT"和"INC"键不放，开启发射机电源进入摇杆菜单。设置完成，双按"UP"和"DOWN"退出。

5.1 右摇杆校正

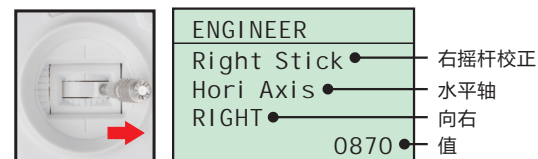
第一步：从右摇杆水平方向开始，向左打满，双按"INC"和"DEC"确认，按"DOWN"进入第二步。



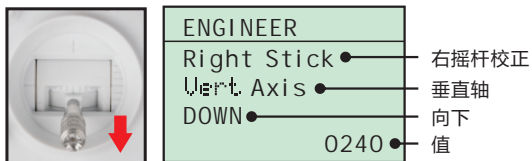
第二步：摇杆回中位，双按"INC"和"DEC"确认，按"DOWN"进入第三步。



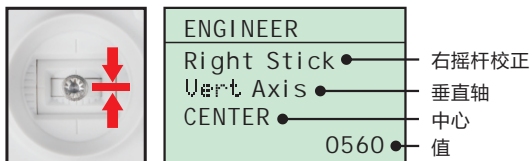
第三步：摇杆向右打满，双按"INC"和"DEC"确认，按"DOWN"进入第四步。



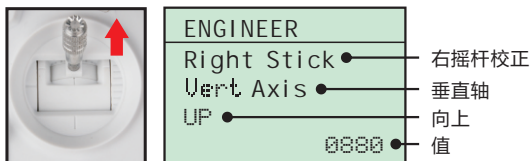
第四步：摇杆向下打满，双按"INC"和"DEC"确认，按"DOWN"进入第五步。



第五步：摇杆回中位，双按"INC"和"DEC"确认，按"DOWN"进入第六步。

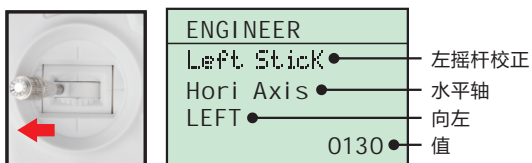


第六步：摇杆向上打满，双按"INC"和"DEC"确认，按"DOWN"进入第左摇杆校正。

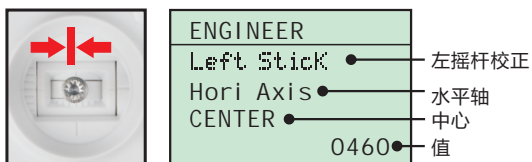


5.2 左摇杆校正

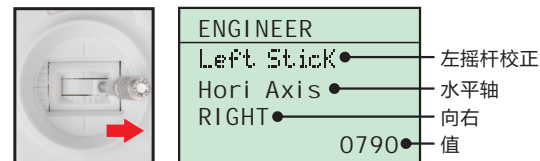
第一步：从左摇杆水平方向开始，向左打满，双按"INC"和"DEC"确认，按"DOWN"进入第二步。



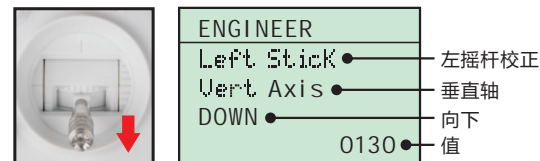
第二步：摇杆回中位，双按"INC"和"DEC"确认，按"DOWN"进入第三步。



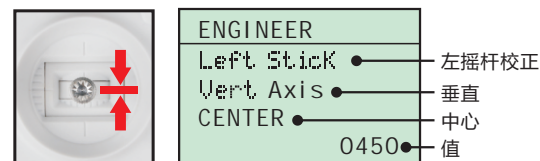
第三步：摇杆向右打满，双按"INC"和"DEC"确认，按"DOWN"进入第四步。



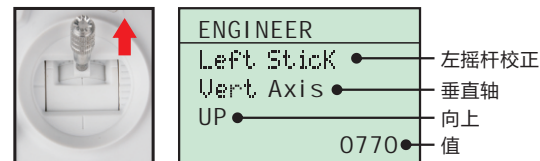
第四步：摇杆向下打满，双按"INC"和"DEC"确认，按"DOWN"进入第五步。



第五步：摇杆回中位，双按"INC"和"DEC"确认，按"DOWN"进入第六步。

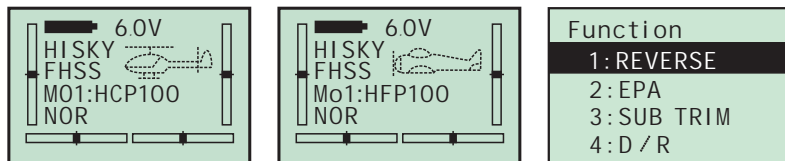


第六步：摇杆向上打满，双按"INC"和"DEC"确认，双按"UP"和"DOWN"退出。



6.0 直升机功能菜单

直升机功能菜单储存着H-6遥控器面向直升机的资料。先在系统菜单的模型类型里设置为直升机模式(详见4.5项),再双按"UP"和"DOWN"退回到开机界面图:(1),然后双按"UP"和"DOWN"进入直升机功能菜单如图(3)。



(1) 直升机模式

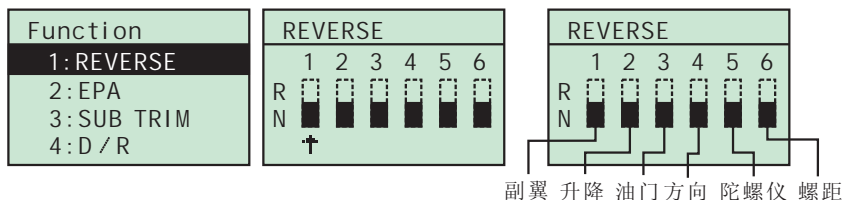
(2) 固定翼模式

(3) 直升机功能菜单

6.1 反位设置

反位设置：如通道输出的实际方向与指令相反时，可通过此设置修正。

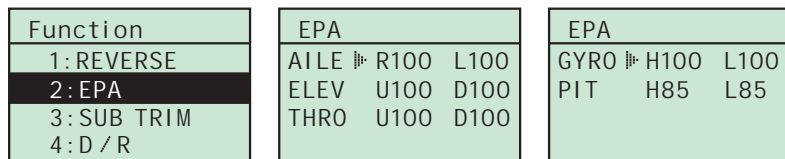
双按"UP"或"DOWN"进入直升机功能菜单，找到第1项：REVERSE。按"SELECT"进入反位设置菜单，按"SELECT"移动光标。按"DEC"或"INC"选择“R”或“N”。设置完成，双按"UP"和"DOWN"退出。



6.2 舵机行程量 EPA

舵机行程量：调整各个通道输出的行程，出厂默认值为0%-100%。

双按"UP"和"DOWN"进入直升机功能菜单，找到第2项：TRAVEL。按"SELECT"进入舵机行程量菜单，按"SELECT"移动光标，按"DEC"或"INC"设置值。设置完成，双按"UP"和"DOWN"退出。



6.3 辅助微调

辅助微调：调整舵机中立点，出厂默认值为：0。

双按"UP"或"DOWN"进入直升机功能菜单，找到第3项：SUB TRIM。按"SELECT"进入辅助微调菜单，按"SELECT"移动光标，按"DEC"或"INC"设置值。设置完成，双按"UP"和"DOWN"退出。

Function	SUB TRIM	SUB TRIM
1: REVERSE	AILE 0	GYRO 0
2: EPA	ELEV 0	PIT 0
3: SUB TRIM	THRO 0	
4: D/R	RUDD 0	

6.4 大小舵量

大小舵量：设置副翼，升降，方向的舵量大小，当D/R拨杆处于0位，副翼，升降，方向的舵量大小输出为100%；当D/R拨杆处于1位，副翼，升降，方向的舵量大小输出为70%。

双按"UP"或"DOWN"进入直升机功能菜单，找到第4项：D/R。按"SELECT"进入舵机行程量菜单，按"SELECT"移动光标，按"DEC"或"INC"设置值。设置完成，双按"UP"和"DOWN"退出。

Function
1: REVERSE
2: EPA
3: SUB TRIM
4: D/R

(1) D/R拨杆处于0位

D/R	D/R	D/R
AILE 0	ELEVO	RUDDO
E: 0	E: 0	E: 0
DR: 100	DR: 100	DR: 100

(2) D/R拨杆处于1位

D/R	D/R	D/R
AILE 0	ELEVO	RUDDO
E: 0	E: 0	E: 0
DR: 70	DR: 70	DR: 70

6.5 油门保持

油门保持: 设置油门输出动力, 当TH.HOLE拨杆处于0位, 油门为正常TH.HOLE拨杆处于1位, 油门摇杆在任何点油门输出均为0 (即没有动力输出)。

双按"UP"或"DOWN"进入直升机功能菜单, 找到第5项: TH HOLE。按"SELECT"进入油门保持菜单, 按"DEC"或"INC"设置值。设置完成, 双按"UP"和"DOWN"退出。

Function	THRO.HOLD
5: TH HOLD	
6: GYRO SEN	POS: 0
7: TH CURV	
8: PIT CURV	

6.6 陀螺设置

陀螺设置: 陀螺灵敏度设置, 出厂默认50。

双按"UP"或"DOWN"进入直升机功能菜单, 找到第6项: GYRO SEN。按"SELECT"进入陀螺设置菜单, 按"SELECT"移动光标, 按"DEC"或"INC"设置值。设置完成, 双按"UP"和"DOWN"退出。

Function	GYRO SENCE
5: TH HOLD	50 POS0
6: GYRO SEN	50 POS1
7: TH CURV	
8: PIT CURV	

6.7 油门曲线

油门曲线: 由5个点连线组成。每个点都可以设置而改变油门。分为普通模式和倒飞模式, 倒飞模式又分为倒飞模式1和倒飞模式2, 出厂默认普通模式和倒飞模式1, 倒飞模式2可以个人设置参数。

双按"UP"或"DOWN"进入直升机功能菜单, 找到第7项: THRO CURV。按"SELECT"进入油门曲线菜单, 按"SELECT"进入下一个油门曲线点, 按"DEC"或"INC"设置值。按"UP"或"DOWN"进入IDLE菜单。设置完成, 双按"UP"和"DOWN"退出。

(1)普通模式

Function	THRO CURV	THRO CURV
5: TH HOLD	NOR	NOR
6: GYRO SEN	L: 0	1: 25
7: TH CURV	I: 0	I: 0
8: PIT CURV	O: 0	O: 0

THRO CURV	THRO CURV	THRO CURV
NOR	NOR	NOR
2: 60	3: 80	H: 100
I: 0	I: 0	I: 0
O: 0	O: 0	O: 0

(2) 倒飞模式1

THRO CURV	THRO CURV	THRO CURV
IDLE1	IDLE1	IDLE1
L: 100	1: 95	2: 90
I: 0	I: 0	I: 0
O: 0	O: 0	O: 0

THRO CURV	THRO CURV
IDLE1	IDLE1
3: 95	H: 100
I: 0	I: 0
O: 0	O: 0

(3) 倒飞模式2

THRO CURV	THRO CURV	THRO CURV
IDLE2	IDLE2	IDLE2
L: 0	1: 25	2: 50
I: 0	I: 0	I: 0
O: 0	O: 0	O: 0

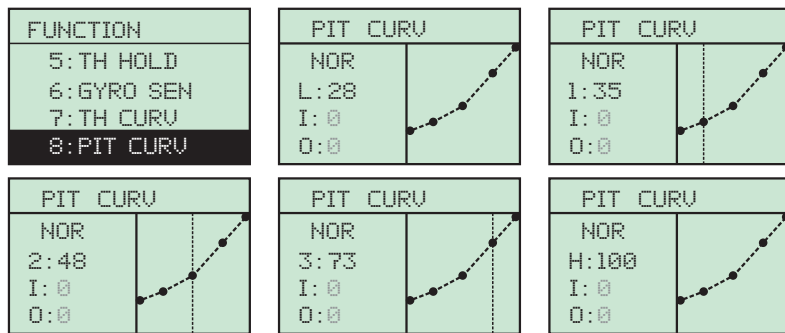
THRO CURV	THRO CURV
IDLE2	IDLE2
3: 75	H: 100
I: 0	I: 0
O: 0	O: 0

6.8 螺距曲线

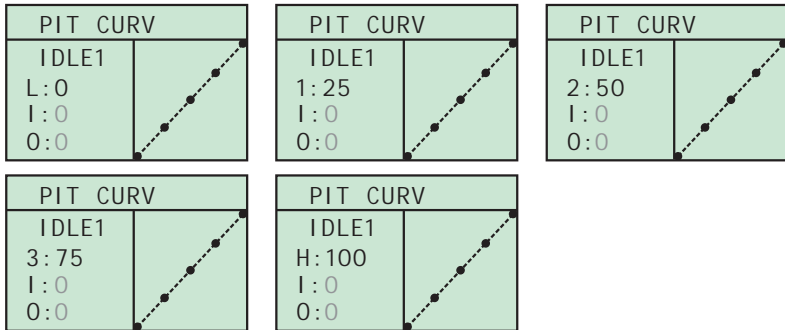
螺距曲线：由5个点连线组成。每个点都可以设置而改变螺距。分为普通模式和倒飞模式，倒飞模式又分为倒飞模式1和倒飞模式2,出厂默认普通模式和倒飞模式1，倒飞模式2可以个人设置参数。

双按"UP"或"DOWN"进入直升机功能菜单，找到8第项：PIT CURV。按"SELECT"进入螺距曲线菜单，按"SELECT"进入下一个螺距曲线点按"DEC"或"INC"设置值。按"UP"或"DOWN"进入"IDLE"菜单。设置完成，双按"UP"和"DOWN"退出。

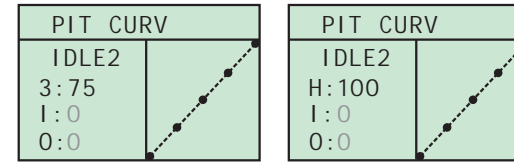
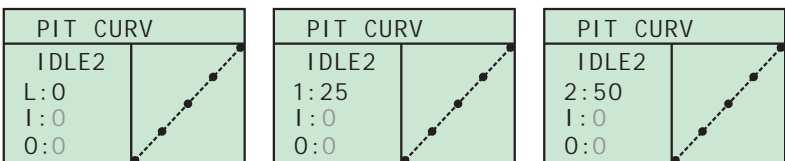
(1)普通模式



(2)倒飞模式1



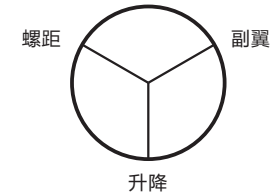
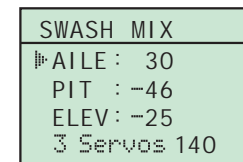
(3)倒飞模式2



6.9 十字盘混控

十字盘混控：由副翼、螺距、升降组成,混合控制副翼、螺距、升降。

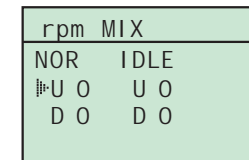
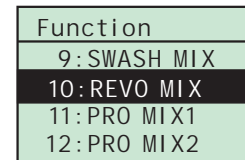
双按"UP"或"DOWN"进入直升机功能菜单，找到第9项：SWASH MIX。按"SELECT"进入斜盘混控菜单，按"DEC"或"INC"设置值。按"SELECT"移动光标，按"CLEAR"复位，设置完成，双按"UP"和"DOWN"退出。



6.10 油门到方向混控

油门到方向混控：分普通模式和倒飞模式。当油门变大或变小时，方向不可出现旋转现象。

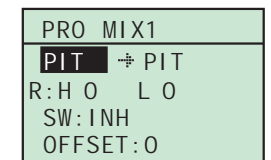
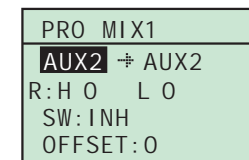
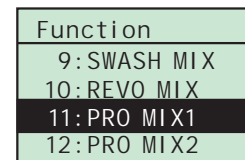
双按"UP"或"DOWN"进入直升机功能菜单，找到第10项：REVO MIX。按"SELECT"进入反扭力混控菜单，按"SELECT"移动光标设置完成，按"DEC"或"INC"设置，双按"UP"和"DOWN"退出。



6.11 程式混控1

程式混控1：对各通道混合控制。

双按"UP"或"DOWN"进入直升机功能菜单，找到第11项：PRO MIX1。按"SELECT"进入程式混控1菜单，按"SELECT"移动光标。按"DEC"或"INC"设置，设置完成，双按"UP"和"DOWN"退出。



PRO MIX1 GYRO ⇄ GYRO R:H O D O SW:INH OFFSET:0	PRO MIX1 RUDD ⇄ RUDD R:R O D O SW:INH OFFSET:0	PRO MIX1 THRO ⇄ THRO R:U O D O SW:INH OFFSET:0
PRO MIX1 ELEV ⇄ ELEV R:U O D O SW:INH OFFSET:0	PRO MIX1 AILE ⇄ AILE R:R O D O SW:INH OFFSET:0	

6.12 程式混控2

程式混控2：对各通道混合控制。

双按"UP"或"DOWN"进入直升机功能菜单，找到第12项：PRO MIX1。按"SELECT"进入程式混控2菜单，按"SELECT"移动光标。按"DEC"或"INC"设置，设置完成，双按"UP"和"DOWN"退出。

Function 9:SWASH MIX 10:REVO MIX 11:PRO MIX1 12:PRO MIX2	PRO MIX2 AUX2 ⇄ AUX2 R:H O L O SW:INH OFFSET:0	PRO MIX2 PIT ⇄ PIT R:H O L O SW:INH OFFSET:0
PRO MIX2 GYRO ⇄ GYRO R:H O D O SW:INH OFFSET:0	PRO MIX2 RUDD ⇄ RUDD R:R O D O SW:INH OFFSET:0	PRO MIX2 THRO ⇄ THRO R:U O D O SW:INH OFFSET:0
PRO MIX2 ELEV ⇄ ELEV R:U O D O SW:INH OFFSET:0	PRO MIX2 AILE ⇄ AILE R:R O D O SW:INH OFFSET:0	

6.13 计时器

计时器：设置飞行时间。

双按"UP"或"DOWN"进入直升机功能菜单，找到第13项：TIMER。按"SELECT"进入计时器菜单，按"SELECT"移动光标设置，按"DEC"或"INC"设置，完成，双按"UP"和"DOWN"退出。回到开机界面按"INC"开始计时，再按"INC"暂停计时。

Function 13:TIMER 14:MONITOR	TIMER INH ———— 关闭 10:00
TIMER UP - T 10:00	TIMER DOWN - T 10:00

UP-T: 从00:00至10:00开始计时。

DOWN-T: 从10:00至00:00开始计时。

6.14 查看行程量

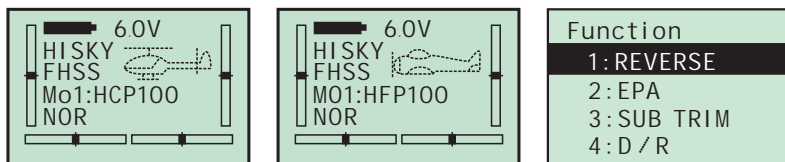
查看行程量：查看各通道行程量。

双按"UP"或"DOWN"进入直升机功能菜单，找到第14项：MONITOR。按"SELECT"进入查看行程量菜单，当移动摇杆时相应的通道随之而变化。双按"UP"和"DOWN"退出。

Function 13:TIMER 14:MONITOR	MONITOR 副翼 升降 油门 方向 陀螺仪 螺距 左手油门
	MONITOR 副翼 油门 升降 方向 陀螺仪 螺距 右手油门

7.0 固定翼功能菜单

固定翼功能菜单储存着H-6遥控器面向固定翼的资料。先在系统菜单的模型类型里设置为固定翼模式(详见4.5项),再双击“UP”和“DOWN”退回到开机界面图(2),然后双击“UP”和“DOWN”进入固定翼功能菜单如图(3)。



(1) 直升机模式

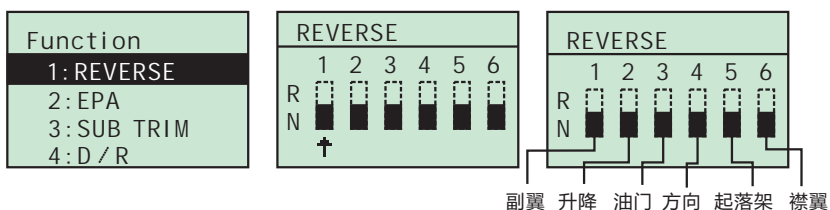
(2) 固定翼模式

(3) 固定翼功能菜单

7.1 反位设置

反位设置：如通道输出的实际方向与指令相反时，可通过此设置修正。

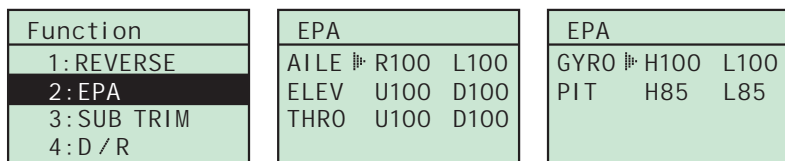
双击“UP”或“DOWN”进入固定翼功能菜单，找到第1项：REVERSE。按“SELECT”进入反位设置菜单，按“SELECT”移动光标。按“DEC”或“INC”选择“R”或“N”。设置完成，双击“UP”和“DOWN”退出。



7.2 舵机行程量

舵机行程量：调整各个通道输出的行程，出厂默认值为0%-100%。

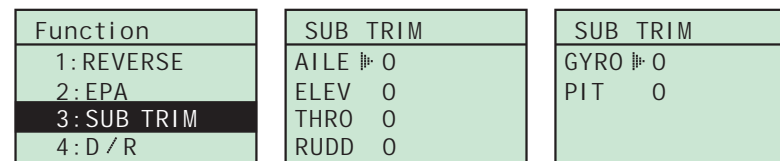
双击“UP”和“DOWN”进入固定翼功能菜单，找到第2项：TRAVEL。按“SELECT”进入舵机行程量菜单，按“SELECT”移动光标，按“DEC”或“INC”设置值。设置完成，双击“UP”和“DOWN”退出。



7.3 辅助微调

辅助微调：调整舵机中立点，出厂默认值为：0。

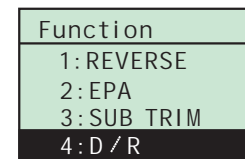
双击“UP”或“DOWN”进入固定翼功能菜单，找到第3项：SUB TRIM。按“SELECT”进入辅助微调菜单，按“SELECT”移动光标，按“DEC”或“INC”设置值。设置完成，双击“UP”和“DOWN”退出。



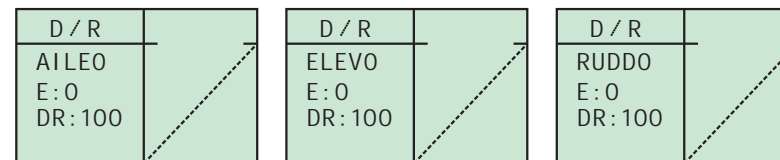
7.4 大小舵量

大小舵量：设置副翼，升降，方向的舵量大小，当D/R拨杆处于0位，副翼，升降，方向的舵量大小输出为100%；当D/R拨杆处于1位，副翼，升降，方向的舵量大小输出为70%。

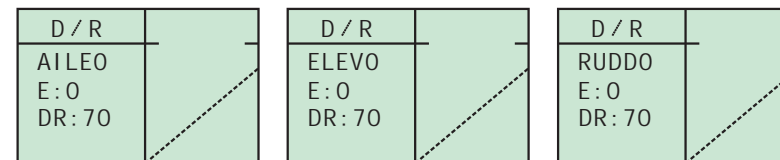
双击“UP”或“DOWN”进入固定翼功能菜单，找到第4项：D/R。按“SELECT”进入舵机行程量菜单，按“SELECT”移动光标，按“DEC”或“INC”设置值。设置完成，双击“UP”和“DOWN”退出。



(1) D/R拨杆处于0位



(2) D/R拨杆处于1位



7.5 油门保持

油门保持：设置油门输出动力，当TH.HOLE拔杆处于0位，油门为正常TH.HOLE拔杆处于1位，油门摇杆在任何点油门输出均为0（即没有动力输出）。

双按"UP"或"DOWN"进入固定翼功能菜单，找到第5项：TH HOLE。按"SELECT"进入油门保持菜单，按"DEC"或"INC"设置值。设置完成，双按"UP"和"DOWN"退出。

Function	THRO.HOLD
5: TH HOLD	
6: FLAP-AILE	POS: 0
7: ELEVRON	
8: AILE DIFF	

7.6 襟翼混控到副翼混控

襟翼混控到副翼混控：襟翼混控到副翼混控的功能。

双按"UP"或"DOWN"进入固定翼功能菜单，找到第6项：FLAP-AILE。按"SELECT"进入襟翼混控到副翼混控菜单，按"SELECT"移动光标，按"DEC"或"INC"设置值。设置完成，双按"UP"和"DOWN"退出。

Function	FLAP-AILE	FLAP-AILE
5: TH HOLD	AI1R 100L 100	AI1R 100L 100
6: FLAP-AILE	AI2R 100L 100	AL2R 100L 100
7: ELEVRON	FLAP1: 100	FLAR1: 100
8: AILE DIFF	FLAP2: 100 INH	FLAR2: 100 MIX

AI1R表示副翼1；AI2R表示副翼2；FLAP1表示襟翼1；FLAP2表示襟翼2，如图（2）所示表示关闭襟翼混控到副翼混控，如图（3）所示表示开通襟翼混控到副翼混控。

7.7 升降混控到副翼混控

升降混控到副翼混控：升降混控到副翼混控的功能。

双按"UP"或"DOWN"进入固定翼功能菜单，找到第7项：ELEVRON。按"SELECT"进入升降混控到副翼混控菜单，按"SELECT"移动光标，按"DEC"或"INC"设置完成，双按"UP"和"DOWN"退出。

Function	ELEVRON	ELEVRON
5: TH HOLD	AI1R 100L 100	AI1R 100L 100
6: FLAP-AILE	AI2R 100L 100	AL2R 100L 100
7: ELEVRON	ELEV1: -100	ELEV1: -100
8: AILE DIFF	ELEV2: 100 INH	ELEV2: 100 MIX

AI1R表示副翼1；AI2R表示副翼2；ELEV1表示升降1；ELEV2表示升降2，如图（2）所示表示关闭升降混控到副翼混控，如图（3）所示表示开通升降混控到副翼混控。

7.8 副翼混控

副翼混控：副翼的混控。

双按"up"或"DOWN"进入固定翼功能菜单，找到第8项：AILE DIFF。按"SELECT"进入副翼混控菜单，按"SELECT"移动光标，按"DEC"或"INC"设置完成，双按"UP"和"DOWN"退出。

Function	AILE DIFF	AILE DIFF
5: TH HOLD	AILE1: 100	AILE1: 100
6: FLAP-AILE	100	100
7: ELEVRON	AILE2: 100 INH	AILE2: 100 MIX
8: AILE DIFF	100	100

AILE1表示副翼1；AILE2表示副翼2。如图（2）所示表示关闭副翼的混控，图（3）所示表示开通副翼的混控。

7.9 尾翼混控

尾翼混控混控：方向、升降的控制。

双按"UP"或"DOWN"进入固定翼功能菜单，找到第9项：V-TAIL。按"SELECT"进入副翼与升降混控菜单，按"SELECT"移动光标，按"DEC"或"INC"设置完成，双按"UP"和"DOWN"退出。

Function	V-TAIL	V-TAIL
9: V-TAIL	ELEV1: 50	ELEV1: 50
10: AILEVATOR	ELEV2: -50	ELEV2: -50
11: PRO MIX1	RUDD1: 50 INH	RUDD1: 50 MIX
12: CH. SET	RUDD2: 50	RUDD2: 50

ELEV1表示升降1；ELEV2表示升降2；RUDD1表示方向1；RUDD2表示方向2，。如图（2）所示表示关闭升降与方向混控，如图（3）所示表示开通升降与方向混控。

7.10 副翼混控到升降混控

副翼混控到升降混控：副翼混控到升降混控的功能。

双按"UP"或"DOWN"进入固定翼功能菜单，找到第10项：AILEVATO。按"SELECT"进入副翼混控到升降混控菜单，按"SELECT"移动光标，按"DEC"或"INC"设置完成，双按"UP"和"DOWN"退出。

Function 9: V-TAIL 10: AILEVATOR 11: PRO MIX1 12: CH. SET	AILEVATOR AILE3: -50 AILE4: -50 ELEV2: -100 INH ELEV1: 100	AILEVATOR AILE3: -50 AILE4: -50 ELEV2: -100 MIX ELEV1: 100
(1)	(2) 关闭	(3) 开通

AILE3表示副翼3；AILE4表示副翼4；ELEV2表示升降2；ELEV1表示升降1。如图（2）所示表示关闭副翼与升降混控，如图（3）所示表示开通副翼与升降混控。

7.11 程式混控

程式混控：对各通道混合控制。

双按"UP"或"DOWN"进入固定翼功能菜单，找到第11项：PRO MIX1。按"SELECT"进入程式混控1菜单，按"SELECT"移动光标。按"DEC"或"INC"设置，设置完成，双按"UP"和"DOWN"退出。

Function 9: V-TAIL 10: AILEVATOR 11: PRO MIX1 12: CH. SET	PRO MIX1 AUX2 ⇄ AUX2 R: H 0 L 0 SW: INH OFFSET: 0	PRO MIX1 FLAP ⇄ FLAP R: H 0 L 0 SW: INH OFFSET: 0
PRO MIX1 GEAR ⇄ GEAR R: H 0 D 0 SW: INH OFFSET: 0	PRO MIX1 RUDD ⇄ RUDD R: R 0 L 0 SW: INH OFFSET: 0	PRO MIX1 THRO ⇄ THRO R: U 0 D 0 SW: INH OFFSET: 0
PRO MIX1 ELEV ⇄ ELEV R: U 0 D 0 SW: INH OFFSET: 0	PRO MIX1 AILE ⇄ AILE R: R 0 L 0 SW: INH OFFSET: 0	

7.12 通道设置

通道设置：对各通道设置。

双按"UP"或"DOWN"进入固定翼功能菜单，找到第12项：CH.SET。按"SELECT"进入通道设置菜单，按"SELECT"移动光标，按"DEC"或"INC"设置各通道，设置完成，双按"UP"和"DOWN"退出。

Function 9: V-TAIL 10: AILEVATOR 11: PRO MIX1 12: CH. SET	CH. SET GEAR: TH. HOLD FLAP: GYRO
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7.13 计时器

计时器：设置飞行时间。

双按"UP"或"DOWN"进入固定翼功能菜单，找到第13项：TIMER。按"SELECT"进入计时器菜单，按"SELECT"移动光标设置，按"DEC"或"INC"设置完成，双按"UP"和"DOWN"退出。回到开机界面按"INC"开始计时，再按"INC"暂停计时。

Function 13: TIMER 14: MONITOR	TIMER INH ——— 关闭 10:00
TIMER UP-T 10:00	TIMER DOWN-T 10:00

UP-T：从00:00至10:00开始计时。
DOWN-T：从10:00至00:00开始计时。

