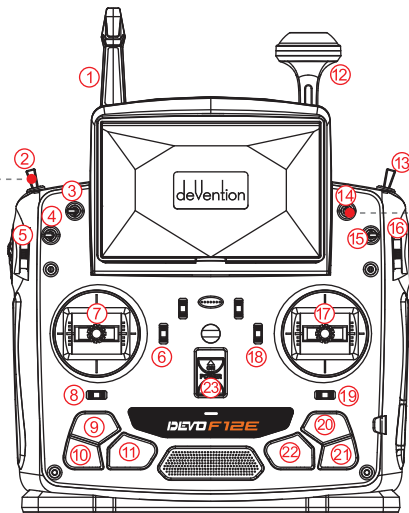


1.0 DEVO-F12E(white) Control Panel

Mode 2 (Throttle stick on the left)	Left stick	THRO/RUDD stick
	Right stick	ELEV/AILE stick
	Left trim	THRO trim
	Right trim	ELEV trim
Mode 1 (Throttle stick on the right)	Left stick	ELEV/RUDD stick
	Right stick	THRO/AILE stick
	Left trim	ELEV trim
	Right trim	THRO trim

(0) GPS-Hold Mode	(1) Manual Mode	(2) Return To Mode
 0 Manual; 0 GPS; 2 Return Home	 0 Manual; 1 GPS; 2 Return Home	 0 Manual; 1 GPS; 2 Return Home
0 Manual 1 GPS 2 Return Home switch to "0"	0 Manual 1 GPS 2 Return Home switch to "1"	0 Manual 1 GPS 2 Return Home switch to "2"

- 2.4G TX antenna
- One Key to Start - Flight Mode Switch
- Retractable Skid Landing - Landing Gear
Retract Switch and Deploy landing gear
- IOC-Camera Start/Stop
- Gimbal Roll - Gimbal ROLL control
- Left trim
- Left stick
- RUDD trim
- UP key
- DN key
- EXT key
- 5.8G RX antenna
- ORBIT - Round flight mode
- 0 Manual;
1 GPS;
2 Return Home
(Control Mode Switch)
- Start/Stop Video Rec
(Camera Start/Stop)
- Gimbal Tilt - Gimbal TILT control
- Right stick
- Right trim
- AILE trim
- R key
- L key
- ENT key
- Power switch

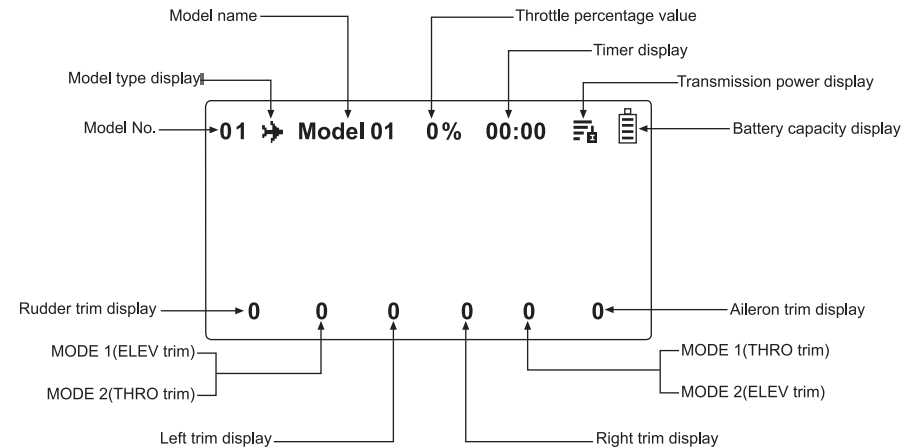


 One Key to Start 0 ▲ 1 ▼
One Key to Start switch to "0" position: Normal flight Mode
 One Key to Start 0 ▲ 1 ▼
One Key to Start switch to "1" position: Roll flight Mode

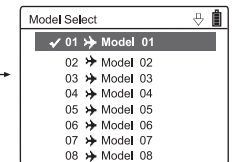
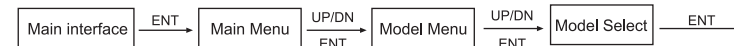
- Note:**
- RUNNER 250 match with DEVO-F12E(white) radio, only need to use three functions switch ② ④ and ⑭ on the panel.
 - The runner 250 with the DEVO-F12E(Black version), the setting of the DEVO-F12E is similar to the DEVO-F7, please refer to the Runner 250 Quick Start Guide.

2.0 DEVO F12E Radio Setting(White version)

2.1 Boot Screen(Main interface)

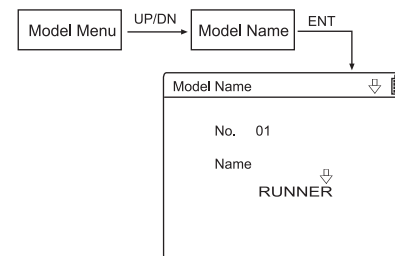


2.2 Model Select



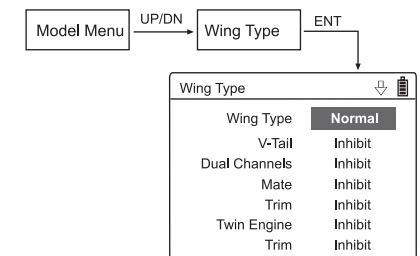
Press the UP or DN button to select the stored model number. For example "Model 01", press EXT to return back to the "Model Menu" after finished.

2.3 Model Name



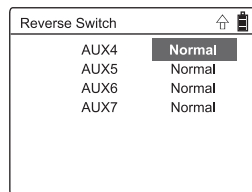
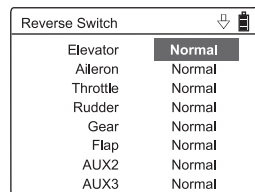
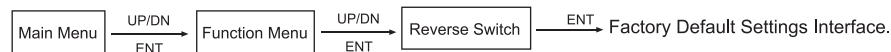
Press UP or DN button to select the characters which need to be changed, press R or L to change the characters. Name model "RUNNER". Press EXT to return to the "Model Menu".

2.4 Wing Type



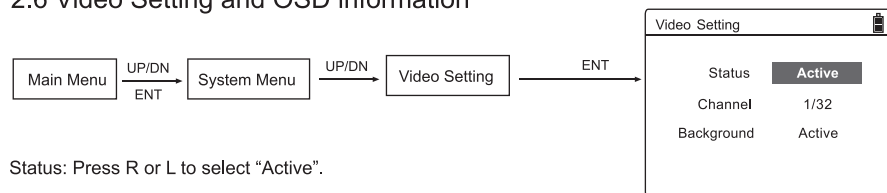
Press R or L to select "Normal", then press EXT to return to the "Model Menu".

2.5 Reverse Switch



Press EXT to return back to the "Function Menu" after finished.

2.6 Video Setting and OSD information

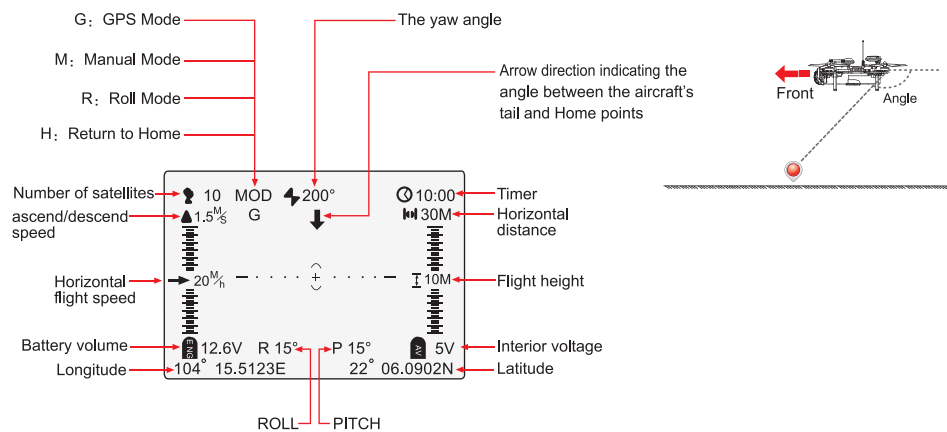


Status: Press R or L to select "Active".

Channel: Press R or L to select suitable receiving video channel for the TX5816/TX5817. It will display automatically "OSD" after connection.

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

Press EXT to switch full screen or half screen to display image and OSD information when in the main interface.



- Note:**
- (1) When the arrow points straight down, pull back the ELEV rocker, then the drone will fly back to Home position.
 - (2) Slide the video switch and OSD module code switch "1" to "ON", please refer to page 18 of the runner 250 Quick Start Guide.

3.0 Operation Instruction

Function	Switch	Radio control instruction
Aircraft roll forward / backward	One Key to Start	<p>Ensure the One Key to Start switch on "0" or "1" position, namely GPS hold mode or Manual mode.</p> <p>Put the One Key to Start switch to "0" position: Normal flight Mode</p> <p>Put the One Key to Start switch to "1" position: Roll flight Mode</p>
Aircraft roll left / right	One Key to Start	<p>Ensure the One Key to Start switch on "0" or "1" position, namely GPS hold mode or Manual mode.</p> <p>Put the One Key to Start switch to "0" position: Normal flight Mode</p> <p>Put the One Key to Start switch to "1" position: Roll flight Mode</p>
GPS hold mode	0 Manual 1 GPS 2 Return Home	<p>0 Manual; 1 GPS; 2 Return Home switch to "0" position</p> <p>Throttle stick return neutral</p>
RETURN TO HOME	0 Manual 1 GPS 2 Return Home	<p>Throttle stick return neutral</p> <p>0 Manual; 1 GPS; 2 Return Home switch to "2" position</p>
Video / Photo	IOC	For operating details, please refer to the page 20-21 of the Runner 250 Quick Start Guide.

- Note:**
- Please check Runner 250 operation guidance for other details.