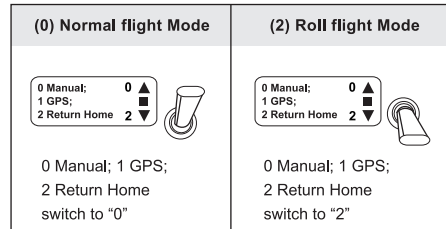


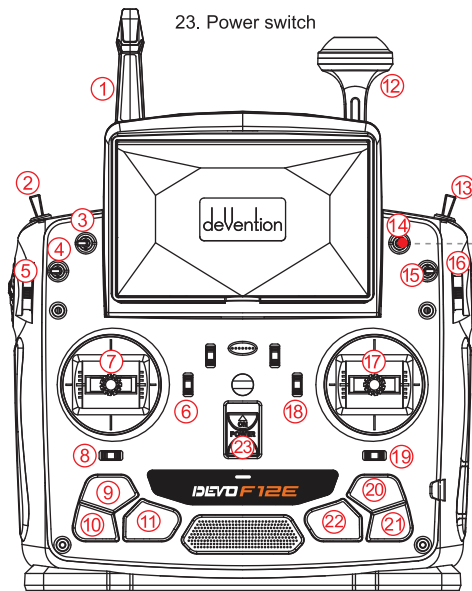
1.DEVO-F12E(white) Control Panel

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



1. 2.4G TX antenna
2. One Key to Start-buzzer control switch
3. Retractable Skid Landing - Landing Gear Retract Switch and Deploy landing gear
4. IOC - IOC control switch Intelligent Orientation Control
5. Gimbal Roll - Gimbal ROLL control
6. Left trim
7. Left stick
8. RUDD trim
9. UP key
10. DN key
11. EXT key
12. 5.8G RX antenna
13. ORBIT - Round flight mode
14. 0 Manual; 1 GPS; 2 Return Home (Flight Mode Switch)
15. Start/Stop Video Rec (Camera Start/Stop)
16. Gimbal Tilt - Gimbal TILT control

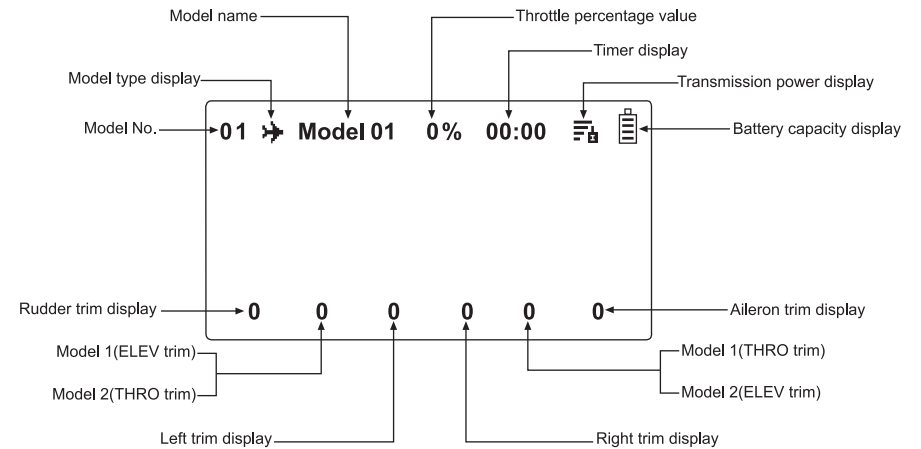
17. Right stick
18. Right trim
19. AILE trim
20. R key
21. L key
22. ENT key
23. Power switch



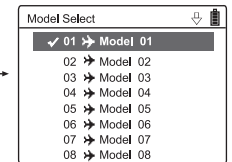
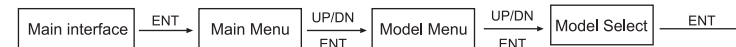
Note: RUNNER 250 match with DEVO-F12E(white) radio, need only use two functions switch ② and ⑭ on the panel.

2.0 DEVO F12E Radio Setting(White version)

2.1 Boot Screen(Main interface)

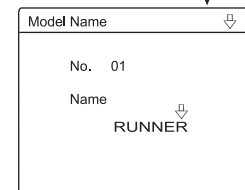
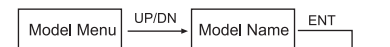


2.2 Model Select



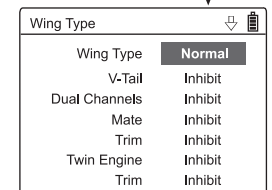
Press the UP or DN button to select the stored model number. For example "Model 01", press EXT to return back to the "Model Menu" after finished.

2.3 Model Name



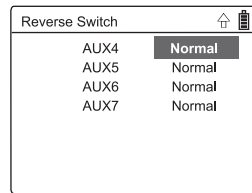
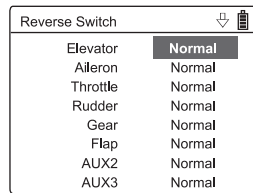
Press UP or DN button to select the characters which need to be changed, press R or L to change the characters. Name model "RUNNER". Press EXT to return to the "Model Menu".

2.4 Wing Type



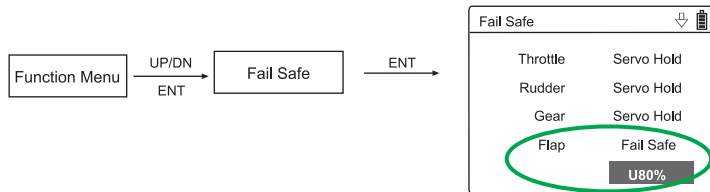
Press R or L to select "Normal", then press EXT to return to the "Model Menu".

2.5 Reverse Switch



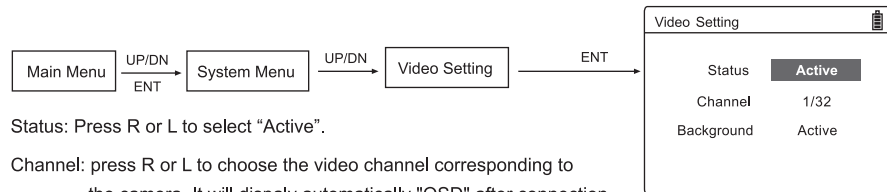
Press EXT to return back to the "Function Menu" after finished.

2.6 Flail Safe: Start using aircraft Buzzer



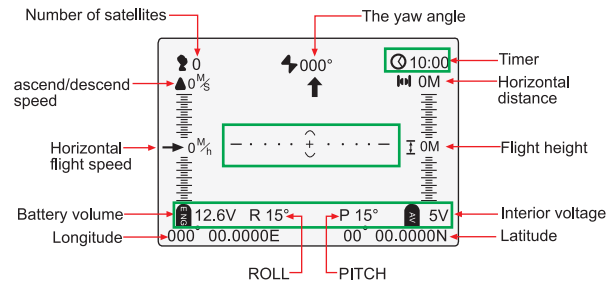
Press "UP" or "DN" choose "Flap", press "R" or "L" choose "Fail Safe", press "UP" or "DN" point to "Failed-Safe Value", press "R" or "L" setting as "U80%". After setting, press "ENT" to confirm and press "EXT" back to "Main Menu".

2.7 Video Setting/OSD information(OSD module should be purchased)



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

Channel: press R or L to choose the video channel corresponding to the camera. 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: The OSD Of Runner 250 just show the data within the green chart.

3.0 Operation Instruction

Aircraft posture (← is the nose direction)	Remote Controller control instruction
<p>The aircraft roll forward</p> <p>The tail toward operator</p>	<p>0 Manual; 1 GPS; 2 Return Home</p> <p>0 Manual; 1 GPS; 2 Return Home</p> <p>Normal flight Mode</p> <p>Roll flight Mode</p> <p>MODE 1</p> <p>MODE 2</p>
<p>The aircraft roll backward</p> <p>The tail toward operator</p>	<p>Attention:</p> <ol style="list-style-type: none"> Please select a larger space, soft ground for flying. The rolling mode is more suitable for experienced pilots. Need match the throttle for practice during the rolling, when the aircraft drop please up throttle a bit, when the aircraft rise please down the throttle a little. When the voltage is low, the aircraft switched automatically from roll mode to normal mode
<p>The aircraft roll left</p>	<p>0 Manual; 1 GPS; 2 Return Home</p> <p>0 Manual; 1 GPS; 2 Return Home</p> <p>Normal flight Mode</p> <p>Roll flight Mode</p> <p>MODE 1 / MODE 2</p>
<p>The aircraft roll right</p>	<p>Attention:</p> <ol style="list-style-type: none"> Please select a larger space, soft ground for flying. The rolling mode is more suitable for experienced pilots. Need match the throttle for practice during the rolling, when the aircraft drop please up throttle a bit, when the aircraft rise please down the throttle a little. When the voltage is low, the aircraft switched automatically from roll mode to normal mode
<p>Buzzer(optional) Instruction</p> <p>Buzzer: give an alarm when signal lost.</p> <p>Once the drone lost control signal from the remote controller, the alarm function will be triggered automatically and keep buzzing to help to find the drone.</p> <p>When the aircraft fall into the jungle or weeds accidentally and couldn't be found, then you can toggle the remote controller "One Key to Start" switch to "1" position, activate the BUZZ function and track the aircraft by the BUZZ sound.</p> <p>Buzzer connection diagram:</p> <p>White wire connect to "AUX1" channel</p> <p>Red wire connect to "5V" channel</p> <p>Black wire connect to "GND" channel</p>	

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