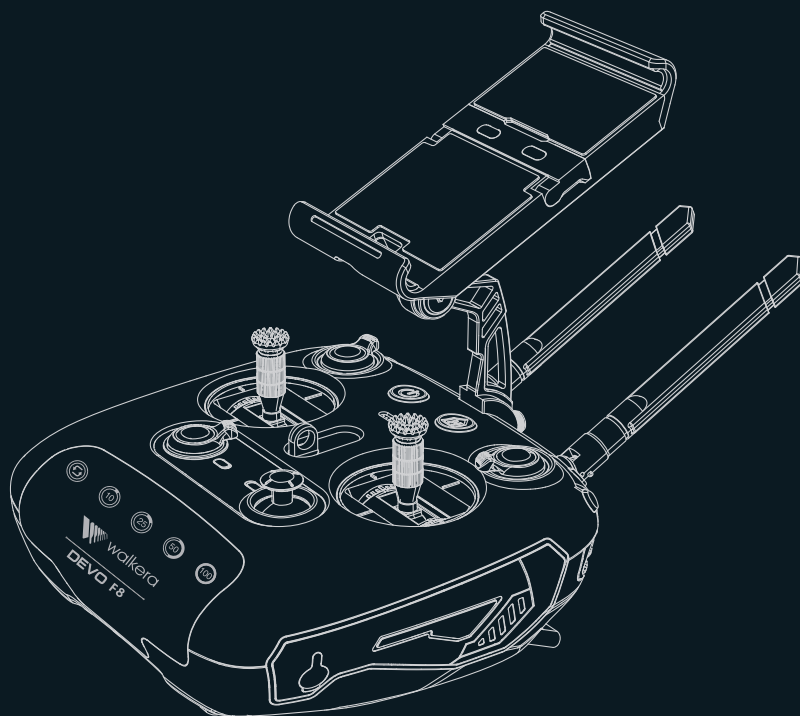


DEVO F8

QUICK START GUIDE **V1.0**

18th-APR-2016



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1.0 General information

- The transmitter is suitable for experienced pilots beyond 14 years old.
- Flying the model aircraft in approved ground is a must.
- We are not responsible for any safety caused by operation, usage or control once the transmitter is sold out.
- We consign our distributors to offer technical support and service after sale. Please contact the local distributors for problem solutions caused by usage, operation, maintenance, etc.

2.0 Safety needing attention

1) Far away from obstacle and people.

RC aircraft in flights is uncertain of flight speed and status, which potential risk exists in when flying. Please keep your radio controlled aircraft far away from people, high buildings, high-tension line, etc, and avoid operating in rain, storms, thunder and lightning.



2) Away from humid environment

Radio controlled aircraft should be kept away from humidity and vapor because it is composed of complicated precise electronic elements and mechanical parts.



3) Proper operation

Use original spare parts to upgrade, modify or maintain your equipment in order to assure its safety. Please operate your equipment within the range of functions permitted. It is forbidden to use out of the safety laws or regulations.



4) Safety operation

Operate your equipment according to your body status and flight skills. Fatigue, listlessness and mis-operation will increase the possibilities of accidental hazard.



5) Away from heat sources

The inside of the transmitter is composed of precise electronic components and mechanical parts. Keep it far away from heat sources and sunshine to avoid distortion, or even damage caused by high temperature.



3.0 Attention before flight

- 1) Ensure the battery packs of both transmitter and receiver are fully saturated.
 - 2) Ensure the throttle stick of your DEVO F8 stay at the lowest positions before operation.
 - 3) Strictly obey the order of TURN-ON and TURN-OFF before operation. When starting your flight, turn on your DEVO F8 first, and connect the battery to the aircraft last. When turning off the aircraft, disconnect the battery first, and turn off your DEVO F8 last. An upset in the order may cause your aircraft out of control.
Cultivate a correct habit of turn-on and turn-off.
 - 4) Ensure whether the directions and actions of all the servos in your RC aircraft are correct when executing commands of the transmitter. Using broken servos will result in unforeseen dangers.
-

4.0 Features

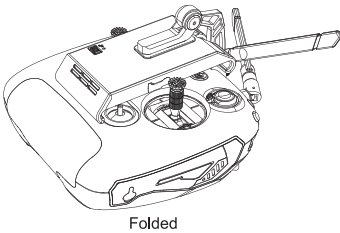
The DEVO F8 adopts 2.4 GHz Direct Sequence Spread Spectrum (DSSS) technology and features automatic ID binding and ID assignment.

- 1) USB online update makes you always enjoy the latest program.
 - 2) Shape design accords with human engineering and provides comfortable holding.
 - 3) Both the length and tension of the sticks can be amendable.
 - 4) DEVO F8 can be freely switched among Modes 1, 2, 3, and 4.
 - 5) DEVO F8 is suitable for airplane.
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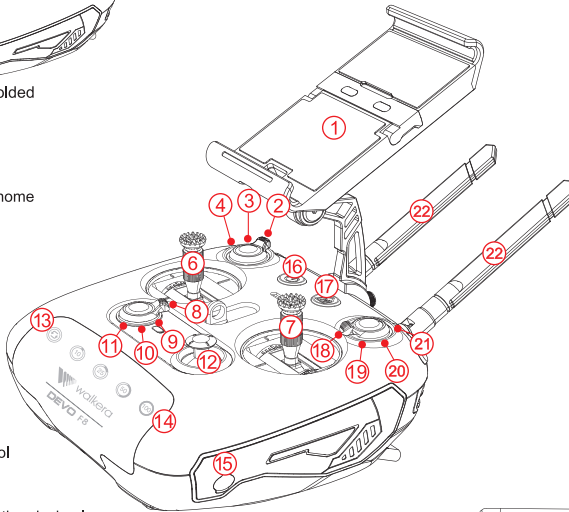
5.0 Specification

Encoder	8-channel micro computer system
Frequency	2.4GHz DSSS
Output power	≤ 100 mW
Current drain	≤ 200 mA (100 mW)
Power supply	Built-in 7.4V 6000mAh battery
Output pulse	1000 ~2000 mS (1500mS Neutral)
Maximum SAR values: 0.038W/Kg (10g) for Body	

6.0 Definition of DEVO F8

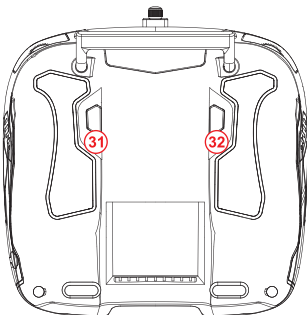
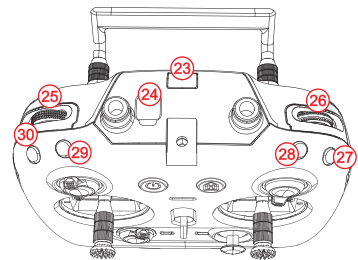


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- 17. One key return to home
- 18. AUX3
- 19. AUX2
- 20. Common mode
- 21. Beginner mode
- 22. Antenna
- 23. Data port
- 24. Upgrade port
- 25. Gimbal pitch-control thumbwheel
- 26. Gimbal roll-control thumbwheel
- 27. Stop complex function key
- 28. Skid-landing complex function key
- 29. Photo key
- 30. Video complex function key
- 31. Training port
- 32. AUX5
- 33. AUX6

- 1. Holder
- 2. One key to land
- 3. One key to take off
- 4. Manual mode
- 6. Left stick
- 7. Right stick
- 8. Follow me mode
- 9. Circle flight mode
- 10. IOC mode
- 11. AUX4
- 12. Gimbal control stick
- 13. Status indicator
- 14. Complex function indicator
- 15. Charging port
- 16. Power switch



MODE 1 (Throttle stick on the right)	Left stick	ELEV/RUDD stick
	Right stick	THRO/AILE stick
MODE 2 (Throttle stick on the left)	Left stick	THRO/RUDD stick
	Right stick	ELEV/AILE stick
MODE 3 (Throttle stick on the right)	Left stick	ELEV/AILE stick
	Right stick	THRO/RUDD stick
MODE 4 (Throttle stick on the left)	Left stick	THRO/AILE stick
	Right stick	ELEV/RUDD stick

7.0 Stick Adjustment

Two parts of stick adjustment : length and tension adjustment.

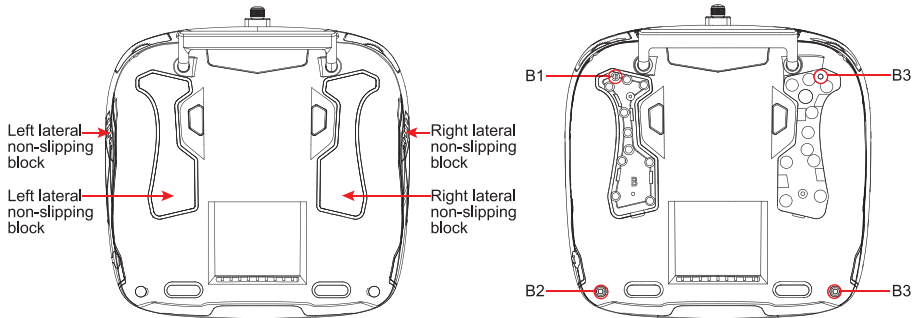
7.1 Stick length adjustment

- 1) Prolong the stick length: Counter clockwise rotate the stick head until the length you hope, and then counter clockwise tighten the stick sleeve.
- 2) Shorten the stick length: Clockwise rotate the stick sleeve until the length you hope, and then clockwise tighten the stick head.



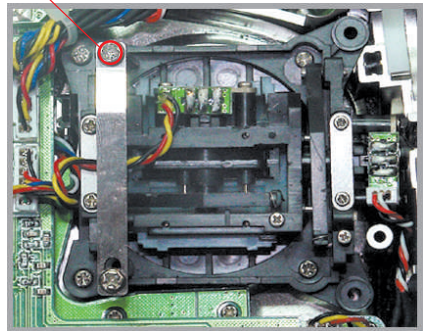
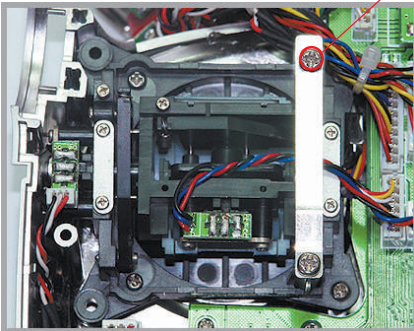
7.2 Stick tension adjustment

Remove the left lateral and right lateral non-slipping blocks, respectively. Remove the fixed screws B1-B4, and then remove the base plate.



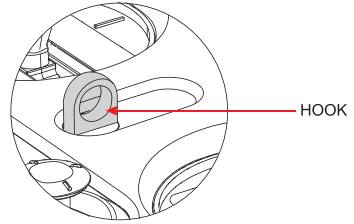
Find the inside structure of the left and right throttle stick as below. Use the cross screw driver adjust the screw F and G, clockwise will tighten the crew while counterclockwise will loosen the screw; Cover the base plate after accomplishment.

Control Stick Tension Adjustment Screw



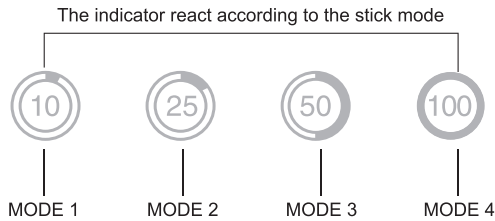
8.0 Neck Strap Usage

The hook located at the center position of the transmitter.
 The neck strap can be connected to the hook. The hook helps to get optimal balance of the transmitter.

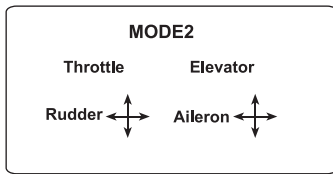


9.0 Stick Mode Switch

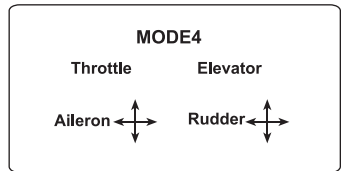
Press the key "Stop" for 1-2 seconds, enter the stick mode change, short press the key "Stop", choose mode 1, mode 2, mode 3, mode 4; Press the key "Stop" for 1-2 seconds again, confirm and exit the change mode.



MODE2 and MODE4 are listed in left-hand throttle

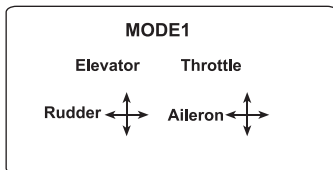


MODE 2

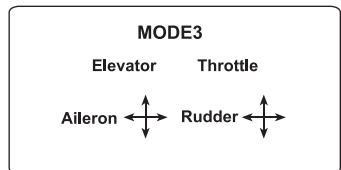


MODE 4

MODE1 and MODE3 are listed in left-hand throttle



MODE 1

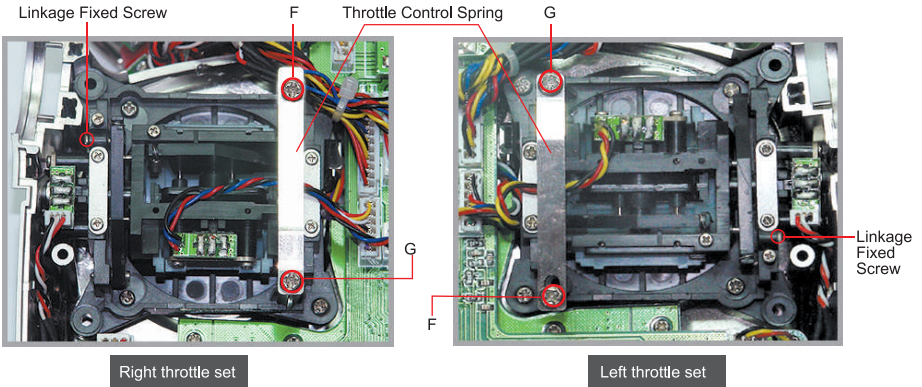


MODE 3

10.0 Switches between left-hand and right-hand throttles

10.1 Right-hand throttle switched to left-hand throttle

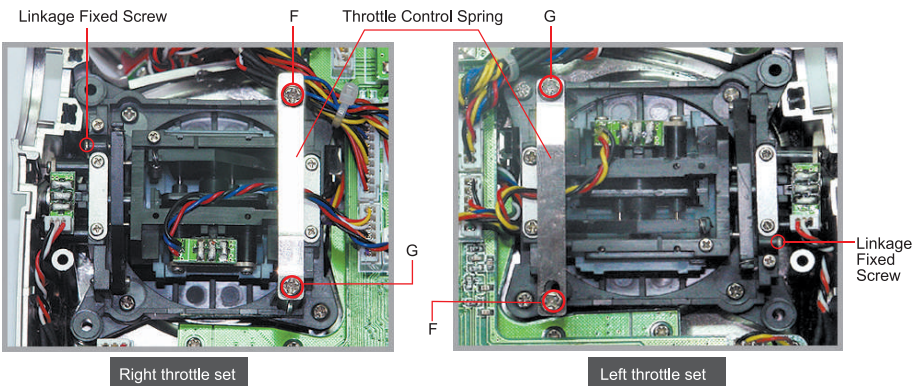
Remove the 4 fixed screws in the base plate. Below are shown the inside views of left and right throttle sets, respectively. Use cross screwdriver to loosen and remove Linkage Fixed Screw, Screw F, Screw G, and Throttle Control Spring in right throttle set, respectively, and then mount them in the corresponding positions in left throttle set. And then adjust the screw F tension according to your habit. Cover the base plate after accomplishment.



10.2 Left-hand throttle switched to right-hand throttle

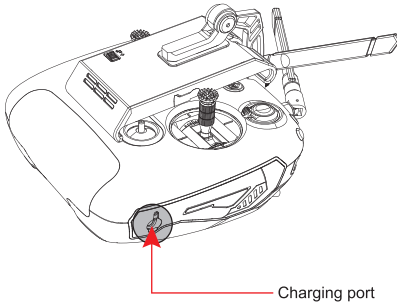
Refer to the above "ECHANICAL switch" to open the transmitter cover.

Remove the 4 fixed screws in the base plate. Below are shown the inside views of left and right throttle sets, respectively. Use cross screwdriver to loosen and remove Linkage Fixed Screw, Screw F, Screw G, and Throttle Control Spring in left throttle set, respectively, and then mount them in the corresponding positions in right throttle set. And then adjust the stick tension according to your habit.




11.0 DEVO F8 Battery Charging


- 1) Connect the charger (9-28 V DC: 1 a) to the AC power source (100~240V 50/60HZ).
- 2) Recharging is available in remote battery open or closed state, suggesting charging in closed condition.
- 3) Under the closed when charging, battery indicator extinguished means power has been full with remote control.



12.0 Customize Fixed ID

Press the key "  " for 1-2 seconds, set the fixed ID, Press the key again, cancel the fixed ID.

13.0 Remote Controller stick / thumbwheel calibration

Press the key "  " for 1-2 seconds, enter stick / thumbwheel calibration.

Move the stick / thumbwheel from the the smallest to the largest machinery range several times respectively.

Press the key "  " for 1-2 seconds again, confirm and exit the stick /thumbwheel calibration

If the red light  is on when exiting indicates that the calibration fails, please recalibrate .


If the green light  is on when exiting indicates that the calibration succeed.

This product is a drone.

Dependant on the particular device and use, permission may be required from the Authority responsible for aircraft in the user's country.

Prior to use for drone purpose personnel should ensure they understand and comply with any instructions by the Authority responsible for aircraft in the user's country.



 Tel: 400-9318-878

User manual is subject to change without prior notice.

Please go to Walkera official website to get the latest version.



FCC WARNING

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.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.