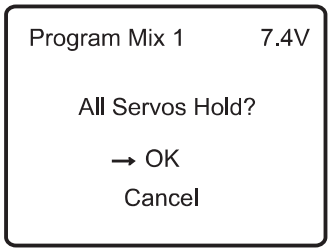
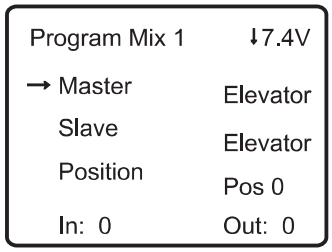
(2) Curve setting of Program Mix

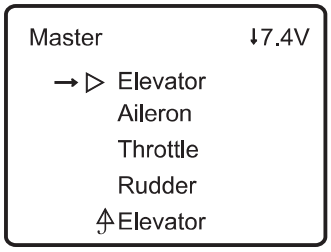
Press UP or DN to move the cursor→to point to the "Curve" setting, Press ENT button then pop up "All Servos Hold?" Press R or L to choose OK or Cancel. If "OK" selected, all the servos will be locked in the current status, if "Cancel" selected, all servos are unlocked. Press ENT enter to Program Mix 1 setting interface.

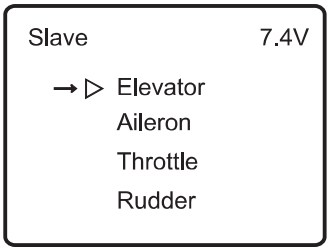




(2.1) Master channel setting

Press UP or DN to move the cursor→to point to Master Channel setting, press ENT to the Master Channel setting interface. Press UP or DN to move the cursor→to point to the desired Master Channel, press ENT to confirm and press EXT to be back to Program Mix 1 interface.



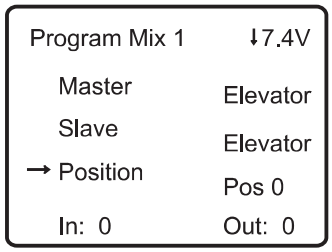


(2.2) Slave channel setting:

Press UP or DN to move the cursor→to point to Slave Channel setting, press ENT to the Slave Channel setting interface. Press UP or DN to move the cursor→to point to the desired Slave Channel, press ENT to confirm and press EXT to be back to Program Mix 1 interface.

(2.3) Position

Press UP or DN to enter to the Position setting interface after finished the Slave Channel setting(See illustration).
Position: There are two different postions for options, Pos 0 and Pos 1. Press UP or DN to move the cursor→to point to Position setting. Press R or L to change the postion statues.

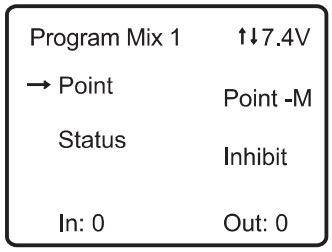


(2.4) Exponential

Press UP or DN to move the cursor→to point to Exponential setting item, press R+ or L- with "Off and On" two options. Select "On" can make the curve change to more circular; If don't use this function, then, select "Off".

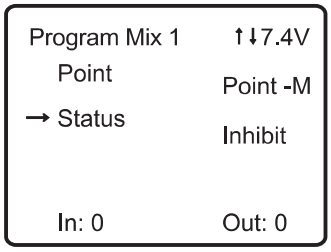
(2.5) Point

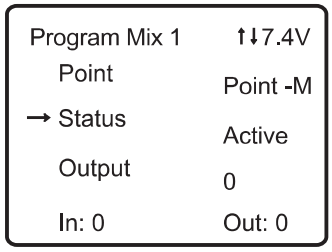
Press UP or DN to move the cursor→to point to the setting interface of Point. Press R or L keys of setting point, there are "point-L", "point -1", "point -2", "point -M", "point -3", "point -4", "point -H". Choose the points need adjusting.

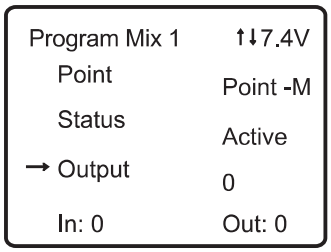


(2.6) Status Setting

(There is no Status options when the piont is Point-L or Point-H) After selecting the point that you want to set, press UP or DN to move the cursor→to point to Status item, press R+ or L-, there are two options of Inhibit and Active. Select Inhibit for unchanging the current amount (the default setting is Inhibit).





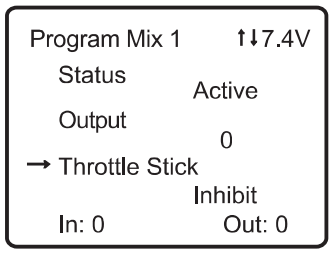


(2.7) Output

When the Status option is Active, the Output option will be listed. Press DN to move the cursor→to point to Output setting, press R+ or L- to increase or decrease, respectively, the output value. The adjustable range is from 0.0% to 100.0%. "IN" and "Out" means throttle stick input and output level.

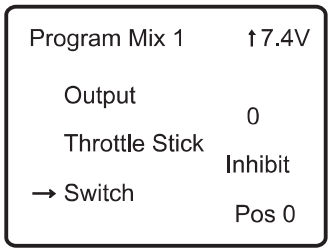
(2.8) Throttle stick setting

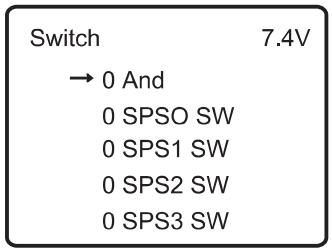
Press UP or DN to move the cursor→to point to “Throttle Stick” setting, press R or L to change the value or inhabit. The Throttle Stick postion can be set when changing the value. The default setting is “Inhabit”. The adjustable range is from 0.0% to 100.0%



(2.9) Switch setting

The switch will display the current switch position. Press UP or DN to move the cursor→to point to Switch, press ENT to enter interface of Switch selection; Press UP or DN to move the cursor→to point to desired item, press ENT, the desired item whose left side will be changed into “1” from “0”. If two or more items are selected, the item “And” should be chosen, whose left side should be changed into “1” from “0”.





After finished, press EXT to return to Program Mix interface and set other items or Press EXT again to exit.

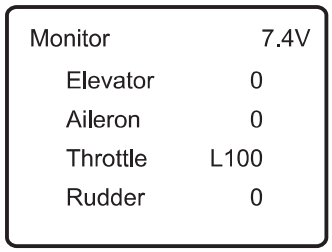
Attention: The Stick switch is needed, find out 2.8 Stick Position Switch and start using, otherwise, cannot enter into this function.

3.11 Monitor

This function can display the current status and positions of all the channels’ outputs, and check the current working status of each channel.

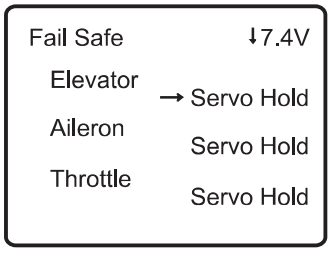
Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Monitor, press ENT to Monitor setting interface. See below to check the current working status of each channel.

Press EXT to exit.



3.12 Fail Safe

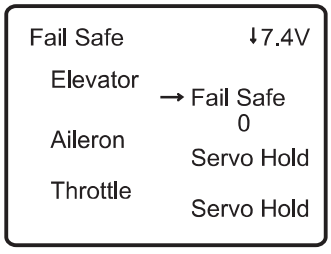
There are two possibilities for use if the transmission signal is under abnormal condition. The first one is to lock the last action data received; the second one is to execute the pre-set data which is pre-set. The default setting is Servo Hold.

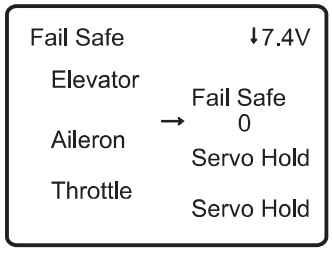


Setting method:

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Fail Safe, press ENT to Fail Safe setting interface. Take the item Elevator as an example.

Press UP or DN to select Elevator on the Fail Safe interface,then press R or L to change the status of Servo Hold into Fail Safe(If you want to keep Servo hold status, there is no need to re-set). There is a expanded sub-item blow. Press UP or DN to select 0%, then press R+ or L- to increase or decrease, respectively, the position amount which centers on the neutral point of servo. The available value is 125%, respectively. 0% is the neutral point of servo.





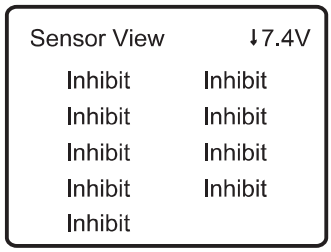
The setting methods for other channels are same as above. Press EXT to exit after finished.

Note: Checking whether all the actions when fail safe happened are correct, is a must after the setting is finished. It is dangerous to use full throttle, especially after fail safe taken place.

3.13 Sensor View

This setting need to start using Sensor setting is effective.

Setting method: Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Sensor View, press ENT to Sensor View setting interface.



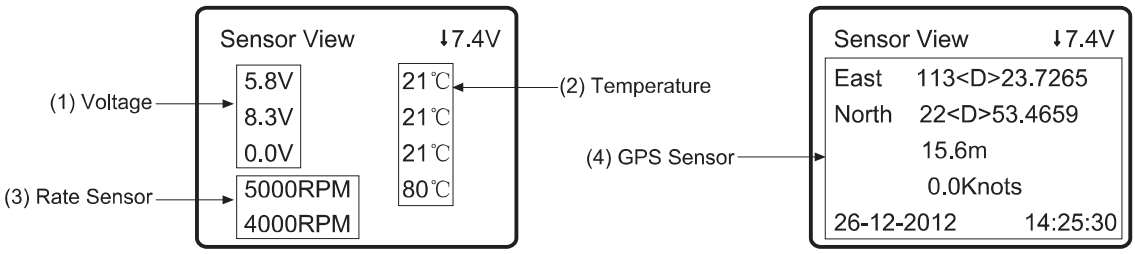
If all the sensors disconnect, telemetry signal lost, there will be inhibits shown on the view. If all work normal, all the measured data will be shown.

(1) Voltage: Show 3 diffferent measured voltage value;

(2) Temperature: Show 4 different measured temperature value;

(3) Rate Sensor: Show 2 different measured RPM value;

(4) GPS Sensor: Press UP or DN to turn to GPS function, show located date, time, longitude, latitude, altitude and speed;



3.14 Trainer

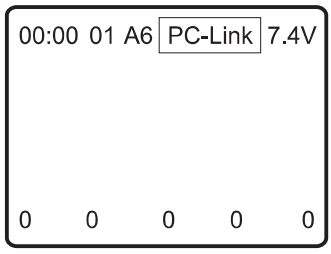
Two DEVO F4 transmitters can be made to work together in order to offer a teacher-trainer function, meeting the requirements for a beginner. The setup of training mode is described below:

(1) Model data transmission

First step is to use the DEVO F4's wireless data transmission feature to transfer the teacher's main model data to the trainee's DEVO F4 transmitter. This step guarantees that the model data in each transmitter is identical. Refer to item “2.4 model wireless copy” in the Helicopter section later in this manual. Two DEVO F4 transmitters are needed for wireless data transmission.

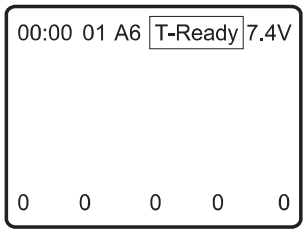
(2) Training connection

Insert the signal wire from the trainer's transmitter into the DSC socket of the trainee's transmitter. Turn on the transmitter and a linkage icon, PC-Link will be shown on the boot screen. Insert one end of the signal wire (included) into the DSC socket of the trainee's transmitter and turn it on. PC-Link will be shown in the trainee's DEVO F4 display (See image right).



linkage icon

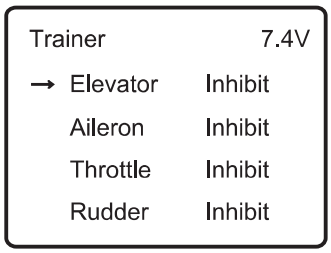
Turn on the power of the trainer's DEVO F4. Select the same model as the trainee (as transferred in the previous section) and briefly fly the aircraft to confirm the settings are good. Turn off the aircraft and turn off the trainer's DEVO F4 power. Insert the other end of the signal wire into the trainer's DEVO F4 DSC port and turn on the power once more, T-Ready will be shown in the trainee's DEVO F4 display (see image left).



(3) Traniner Function Channel Setup

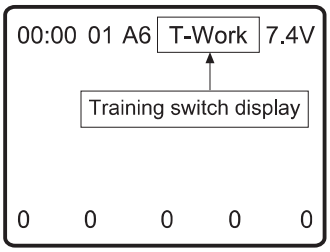
The trainee can inquire the control part or whole channel operation by setting the trainer's function channel. Here is the setup:

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Trainer, press ENT to Trainer Function setting; Press UP or DN to move the cursor→to point to the desired setting channel, there are Elevator, Aileron, Throttle, Rudder channels available. Press R+ or L- to set Active or Inhibit for the choosed Channel.



(4) Training mode usage

Trainer toggle keys is R+ button, as illustration.

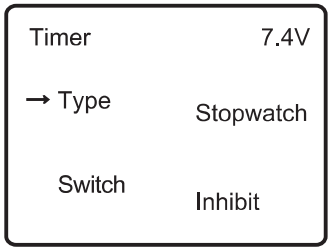


On a flight, if the Trainer press the button R+, it means the Trainer turn over the command to the Trainee to operate. Meanwhile, the starting up picture will be showing T-Work. The showing throttle date is the trainee operated. If the Trainer press the R+ again, it means the trainer retract the command and operate by the trainer.

3.15 Timer

There are two timers which can be set as stopwatch and countdown, respectively. Each timer can be operated by switch or by shortcut.

Setting method: Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Timer, press ENT to Timer setting interface. See the right Illustration:

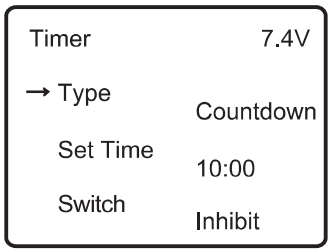


(1) Type

Press UP or DN to move the cursor→to point to Type. Press R+ or L- to choose Stopwatch or Countdown. The default setting is stopwatch. The time range of stopwatch is from 0 to 59:59 (59 minutes 59 seconds).

(2) Countdown setting

If you need countdown time manner, press R+ or L- to select the countdown. There is an expand sub-menu set time item. Press UP or DN to select the option of Set time item. Press R+ or L- to set the countdown time. The settable countdown time range is from 00:05 to 59:55.

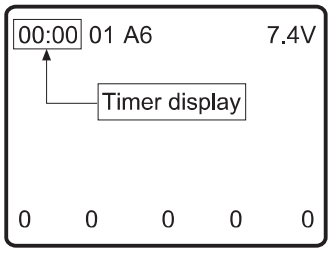


(3) Switch selection

Press UP or DN to move the cursor→to point to Switch setting, with "Inhbit" and optional switch item. If select switch, press L- or R+. Available to select other switches SPS0 SW, SPS1 SW, SPS2 SW, SPS3 SW, need to set "Stick Position Switch" of the "Model Menu" and then is effective(refer to "2.8 Stick Postion Switch").

(4) Usage of timer

Press UP or DN by pressing UP key for one time, and to pause it by pressing it the second time. Press DN to clear timer. It's ok to control time by Switch when time setting is finished on switch. Timer will be shown in main intereface, See the right Illustration:

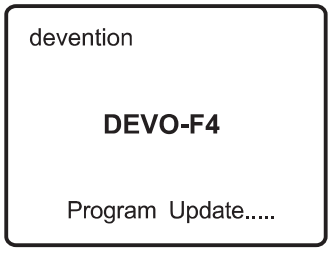


4.0 Upgrading

Software can be upgraded in PC via downloading or uploading the configuration files.

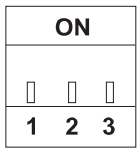
Enter upgrading interface: Press EXT and power on the radio when the radio is in powered off state, the illustration will be shown in the right.

The operation guide for connecting to PC upgrading should be mentioned with upgrading software.

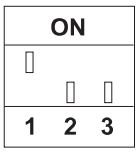


5.0 5.8G Transmitting channel selection

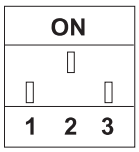
There are 8 different channels can be selected. You can choose the best frequency channel according to the image quality like follows:



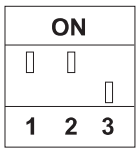
Channel 1 code position



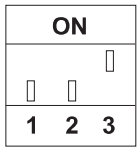
Channel 2 code position



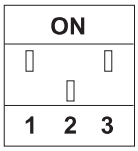
Channel 3 code position



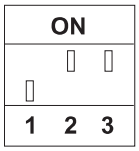
Channel 4 code position



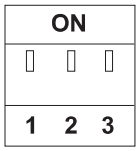
Channel 5 code position



Channel 6 code position



Channel 7 code position



Channel 8 code position

Remark: 5.8G Transmitting channel is corresponding to the video receive channel.

6.0 DV04 Camera instruction

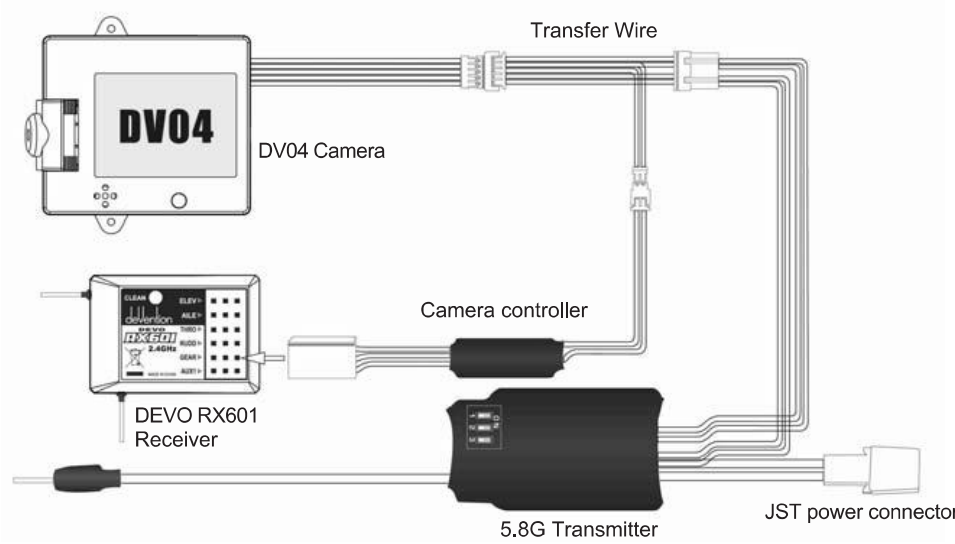
DV04 Camera has the following two ways to control the video:

(1) Press the red switch once on the rear of the DV04 Camera, it means the DV04 Camera starts to video. Press the red switch again to stop the video.

(2) Pull the Gear Switch to postion "1" and keep about 1-2 seconds, then pull back to postion "0". After finish the press, the DV04 Camera starts to video. Pull Gear Switch again to stop video.

Notice: The Memory card must be inserted before the DV04 connects the battery, and remove the Memory card after power off.

7.0 FPV connect Illustration



This symbol indicating separate collection for electrical and electronic equipment.

FCC Information

This device complies with part 15 of the FCC results. Operations is subject to the following two conditions:

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

Note: This equipment has been tested and found to comply with the limits for CLASS B digital device, pursuant to part 15 of FCC Rules. These Limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, users 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 dose 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 contact the interference by one or more of the following measures:
1.1 Reorient or relocate the receiving antenna.
1.2 Increase the separation between the equipment and receiver.
1.3 Connect the equipment into an outlet on a circuit different from that two which receiver is connected.
1.4 Consult the dealer or experienced radio/TV technician for help.

WARNING

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

RF exposure statement

This module meets the requirements for a mobile device that may be used at separation distances of more than 20cm from the human body. It may be used in hand-held controllers that provide a separation distance of at least 5cm between the antenna and the body (excluding hands wrists). The instructions to the user for the host device must include information requiring the product be used in a manner to ensure the appropriate separation (20cm or 5cm) between antenna and body and requiring that the transmitter not be collocated with another transmitter device.

The specifications of the R/C Product may be altered without notice.

walkera

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