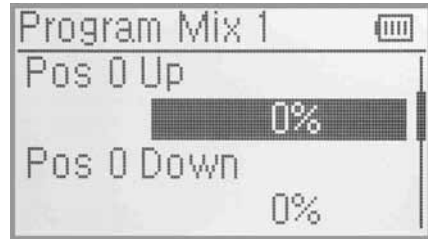(1.1) Master Channel setting

(1.2) Slave Channel setting

(1.3) Gain setting:take Elevator at Master Channel as an example.

(1.3.1) Position 0 upward

Mix amount setting when elevator stick moved upward.Press UP or DN to make the navigation mark choose "position 0 upward"item,and press R or L can increase\decrease Mix amount.It is possible to reverse mix direction through changing the plus or minus sign before amount.The adjustable range is ±125%.
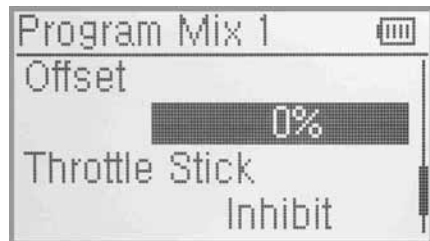

(1.3.2) Position 0 downward

Mix amount setting when elevator stick moved downward. Press UP or DN to make the navigation mark choose "position 0 downward" item, and press R or L can increase\decrease Mix amount.It is possible to reverse mix direction through changing the plus or minus sign before amount.The adjustable range is ±125%

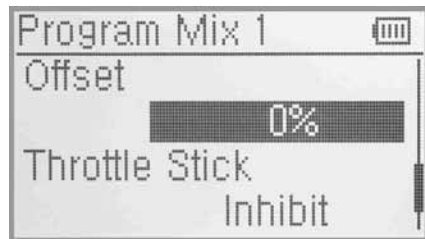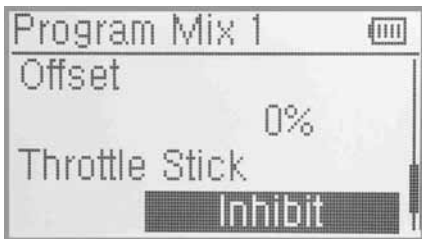(1.3.3) Position one upward/downward setting method refer to (1.3.1) position zero upward setting .

(1.3.4) Offset setting

This function can make Slave begin to mix through the corresponding Lever switch from a certain point as the starting point. Press UP or DN to make the navigation mark choose "Offset",press R\L to increase or decrease the mix amount.It is possible to reverse the offset direction through changing the plus or minus sign before amount. The adjustable range is ±100%.

(1.4) Throtte Stick

Press "UP" or "DN" to select "throttle stick setting".Press "R"or "L" to change the data for setting its position amunt or Inhibit. The default setting is Inhibit. The adjustable range is 0.0-100.0%.
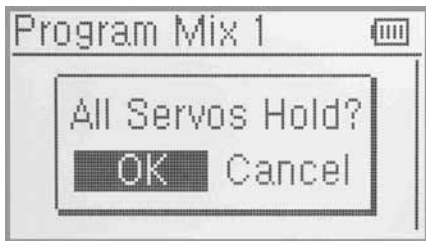

(1.5) Switch Selection

Press UP or DN to make navigation mark select "switch" setting, prss ENT enter into useable switch interface, press UP or DN to make navigation mark select desired switch setting.Press ENT to confirm,make left sign from "0" to "1". If two or more items are selectable,the item And should be selected,to make left sign from "0" to "1", Press EXT to exit after finished.

(2) Setting Method for Curve in Program Mix1

Press the item Curve in Program Mix 1 and expands an enquiry "All Servos Hold?" Click OK for all the servos will be locked at the current states; click Cancel for unlocked. Enter the next interface after clicking. Press ENT key to enter the setting interface of Program Mix1.The interface will show the setting items and curve table.
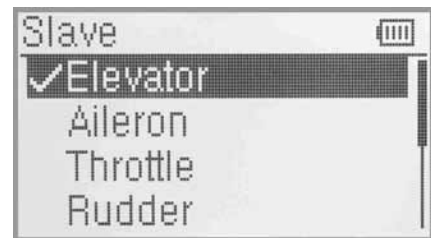

(2.1) Master Channel setting

Press UP or DN to make the navigation mark choose "Master Channel"item,and press ENT to enter the Master Channel setting interface.Press UP or DN to choose the desired channel,then press ENT to confirm the mark "√" before choosed channel name,press ENT to return the Program Mix 1 interface.

(2.2) Slave Channel setting

Press UP or DN to make the navigation mark choose"Slave Channel "item,and press ENT to enter the Slave Channel setting interface.Press UP or DN to choose the desired channel ,and press ENT to confirm the mark "√"before the Slave Channel ,and "EXT" to return Program Mix 1 interface.

(2.1) Master Channel setting	(2.2) Slave Channel setting

(2.3) Position

There have two options:Pos 0 and Pos 1.Press "UP" or "DN"to select the desired position.

(2.4) Exponential

Press"UP"or "DN"to enter "Exponential", and Press"R" or "L" to expand a dropdown menu with two options of Off and On. The pitch curve will be smoothly changed if choosing On.Otherwise choosing Off.
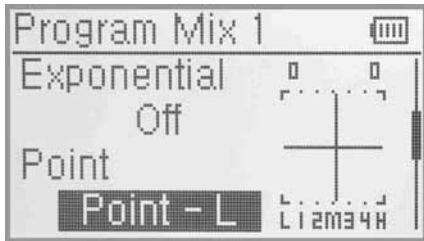

(2.3) Position

(2.5) Point Setting

Press UP or DN to move the navigation mark of Point option. Press R or L,there are 7 piont options including Point-L,Point-1,Point-2 Point-M,Point-3,Point -4 and Point-H. Select the point you want to set.

(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 navigational mark 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).

(2.5) Point Setting	(2.6) Status setting

(2.7) Output

When the Status option is Active, the Output option will be listed.Press UP or DN to move the navigational mark to Output. Press R or L to increase or decrease, respectively, the output amount. It is possible to reverse the mix direction by changing the plus or minus sign before the amount. The adjustable range is ±100%.

(2.8) Throttle Stick Setting

Press "UP" or "DN" to select "throttle stick setting".Press "R"or "L" to change the data for setting its position amunt or Inhibit. The default setting is Inhibit. The adjustable range is 0.0-100.0%.

(2.9) Switch Selection

Press UP or DN to make navigation mark select "switch" setting, prss ENT enter into useable switch interface, press UP or DN to make navigation mark select desired switchsetting.Press ENT to confirm,make left sign from "0" to "1". If two or more items are selectable,the item And should be selected,to make left sign from "0" to "1", Press EXT to exit after finished.
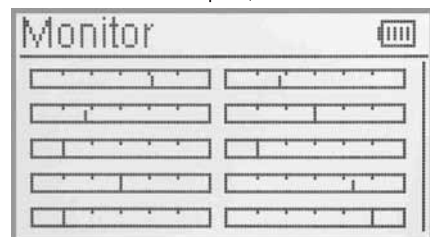
Press "EXT" to return to the interface of Program Mix for other setting. Or Press"EXT" once again to exit.

3.17 Monitor

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

Press ENT to enter Main Menu, and then press UP or DN to move the navigational mark to select Funcation Menu. Press ENT to enter the Funcation Menu and then press UP or DN to select servo Monitor and press ENT to enter the monitor interface for checking the current working status of each channel. Press EXT to exit .

3.18 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 enter the Main Menu, and then press UP or DN to move the navigational mark to select Funcation Menu. Press ENT to enter the Funcation Menu then press UP or DN to select Fail Safe and press ENT to enter the Fail Safe interface.Take the item Elevator as an example to explain.

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.
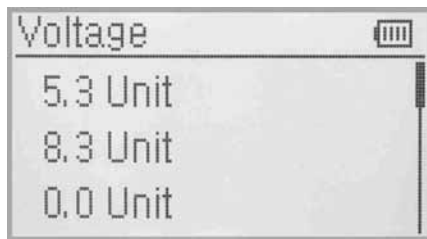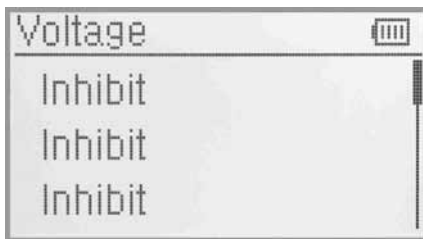

The setting methods for other channels are same as above. Press EXT to exit after finished.

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.
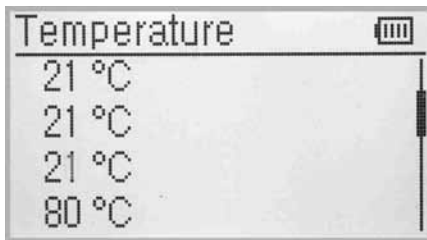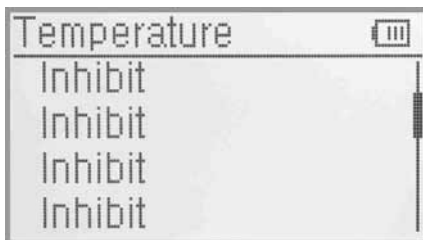
3.19 Sensor View

Setting method:Press ENT to enter the Main Menu and press UP or DN to move the navigational mark to select Funcation Menu.Then press ENT to enter the Funcation Menu and press UP or DN to select Sensor View,then press ENT to enter the Sensor View interface, like below pictures. 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.

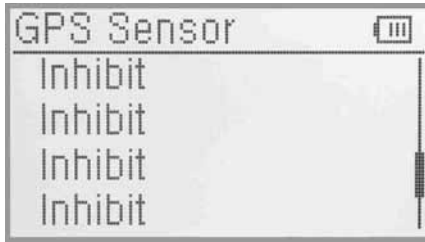(1) Voltage:Show 3 diffferent measured voltage value;

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

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

Rate Sensor
Inhibit
Inhibit

Rate Sensor
5000RPM
4000RPM

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

GPS Sensor
Inhibit
Inhibit
Inhibit
Inhibit

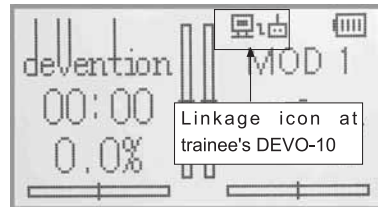| GPS Sensor |
| --- |
| East 113°23.7120 |
| North 22°53.4805 |
| -4.4 m |
| 0.0 km/h |

3.20 Trainer

Two DEVO-10 transmitters working together can execute the training function to meet the requirements for the beginner. The setting method is shown as below:

(1) Data copy

First, use the wireless copy function between two DEVO-10 to copy the main transmitter's model data to the trainee's transmitter, this promise the the model data between two transmitters is same. Refer the copy method to the second part of helicopter "2.4 model wireless copy" and do the following steps:

(2) Linkage

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 will be shown on the boot screen.

Linkage icon at trainee's DEVO-10

linkage icon

Turn on the power of the trainer's radio. Find out the trainee's model data, and then let the trainer's Radio bind with the aircraft model and fly it normally. Then turn off the power.Insert the other end of the digital signal wire into the trainer's DEVO-10, and then turn on its power. A linkage icon will be shown as below:

Trainee is off and trainer is working

Trainee is working and trainer is off

Trainer icon

Training status display: when the trainer's icon becomes into "X", the trainee stops flying and the trainer is working; when the trainer's icon turns into"√", the trainee is flying and the trainer is in leisure.

(3) Usage method

The training switch can be freely switchable between Left trim and Right trim. The default setting is Right trim. Shown as below:
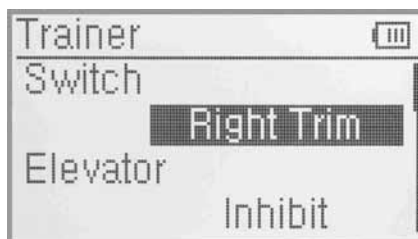
Left Trim   Right Trim

During flight, if the trainer pushes Right Trim once, the linkage icon will be shown as "√" that means the control right is moved to the trainee from Trainer. If trainer pushes Right Trim once again, the linkage icon will be shown as "X" that means the trainer takes back the control right from the trainee.

(4) Setting for training function channels

Trainee is available to get full or part of flight control power to the aircraft model via setting the training function channel in the trainer's radio. Below is the setting method:

Push the ENT button to enter main Menu, and then push UP or DN to get access to function menu. Then push UP or DN to select "training function" and push ENT button to enter Trainer screen interface. The available channels are shown below, and the current status of trainer switch is also shown there.

Trainer switch selection:Press UP or DN to select the switch option; press R or L to select the switch which you want. It includes right and left trim.The default setting is Right trim.

Channel selection:Press UP or DN to select the channel option;Press R or L to select the channel(s) which you want to grant to trainee. The channel(s) you have selected will be activated as "Active". The channels which are not granted to trainee will be kept inhibited. The default setting is "Inhibit".

Press EXT to exit.

3.21 Timer

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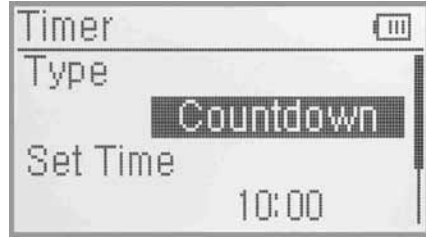
Setting method:

Press ENT to enter Main Menu, and then press UP or DN to get access to Funcation Menu.Then push UP or DN to select" Timer" and press ENT to enter Timer interface. The timing range of stopwatch is from 0 to 59:59 (59 minutes 59 seconds).The default setting is stopwatch.

(1) 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 move the navigational mark to select the option of Seting time item. Press   R or L to set the countdown time.The settable countdown time range is from 00:05 to 59:55.
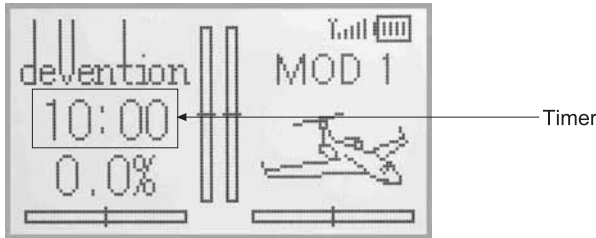

(2) Switch selection

Press UP or DN to move the navigational mark to Switch.There are Inhibit and available switch options, available switch can be selected by press L or R. It includes FMOD1,2, FMOD2, MIX1,2, MIX2, ELEV D/R,AILE D/R, RUDD D/R, GEAR SW, SPS0 SW, SPS1 SW, SPS2 SW and SPS3 SW. We can select the desired item except these items of SPS0 SW, SPS1 SW, SPS2, and SPS3 which should be previously set at Stick Position Switch at Model Menu(refer to "2.8 Stick Position Switch").

Press EXT to exit after finished.

(3) Useage of timer

Press UP or DN in main panela. It's possible to start Timers 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, as below illustration:

Timer

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 status, below illustration will show as below.

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

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.

walkera