Click the right blank frame of Name and a gray stripe will be shown in the frame. Touch the return key [___] to clear up the old name.Touch the soft keyboard to input a new name. It is possible to switch between lowercase and uppercase by clicking the key [Lowercase] .Then touch [icon] to exit.

2.3 Model copy

Touch the icon [icon] to enter Model Menu and click [icon] to enter Model Copy.

Choose the model you want to be copied as source model. The serial No. and model name of Source Model will be shown in the left side of the interface.

Then touch the model in the right list where you want to locate the source model. The serial No. and name of the model you chose are shown under Dest Model in the lower left of interface as well as an enquire "Are you sure?" is popped up.Click OK to copy. Otherwise click Cancel. Then the interface will be automatically returned to Model Menu. Click [icon] to save and exit.
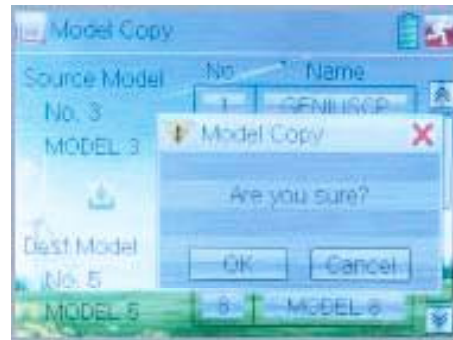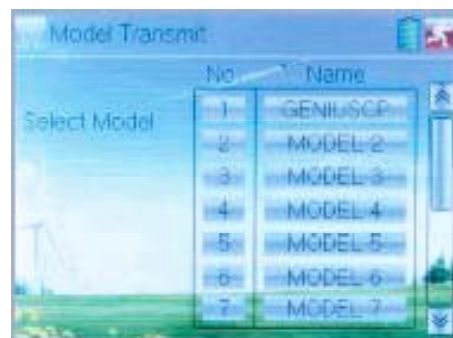

2.4 Model wireless copy

The model data between two DEVO-6 equipments can be wirelessly copied via Model Transmit and Model Receive in Model Menu

(1) Model transmission

Touch the icon [icon] to enter Model Menu and then continue to click the icon [icon] to enter Model Transmit.

Choose the source model which will be transmitted. The serial No. and name of the source model will be shown under Select Model in left side of the interface as well as enquiry information "Are you sure?" in the right side.

Click OK for transmission or Cancel for rejection. Enquiry information "Transmitting . . . . . ." appears after clicking OK. Touch the icon [icon] to exit.
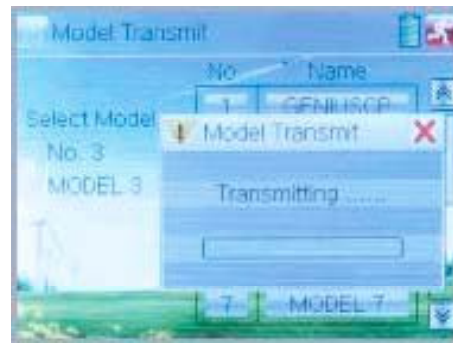
(2) Model receiving

Touch the shortcut icon to enter Model Menu and then touch the icon to enter the model receive interface. Enquiry information "Are you sure?" is shown in the center of the interface.

Click Ok for receiving or Cancel for rejection. "Connecting . . . . . ." and "Receiving . . . . . ." will be shown in series in the interface. The information of "Received" with the model name will be shown in left side after receiving is finished.

Choose the save position in the right name list. Enquiry information "Are you sure?" is shown after clicking the save position. Click OK for save and the current interface will automatically return to Mode Menu. Click Cancel for rejection.Touch the icon to exit.
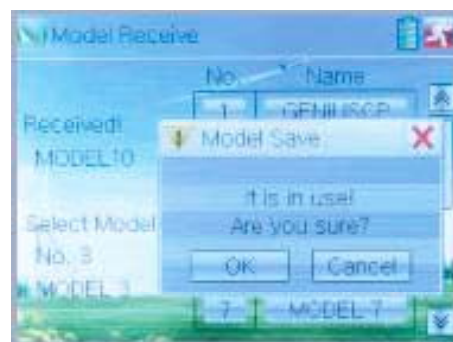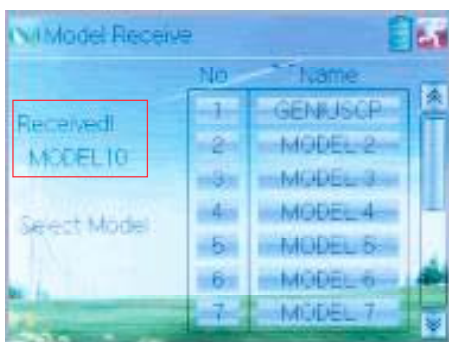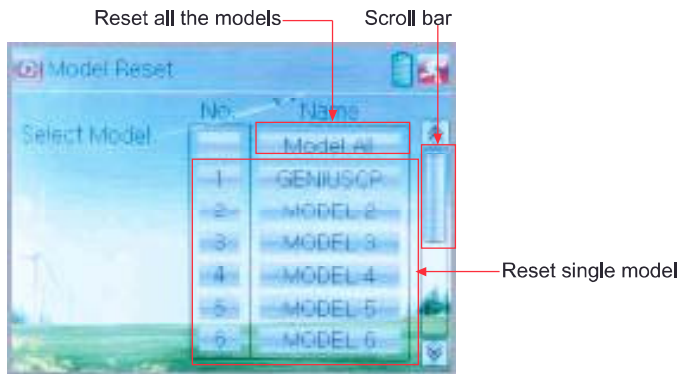

2.5 Model reset

All the model data can be restored to factory settings via Model Reset.

Touch the icon to enter Model Menu and then click to enter Model Reset.

It is possible to store up to 12 models data in the model list of DEVO-6 equipment. There are two methods to reset the model data: batch reset and single reset.

Reset all the models — Scroll bar

Reset single model

(1) Method for batch reset:

Touch 'All Models' in Model Reset interface. Then ''All Models" and enquiry "Are you sure?" appear in the left side. Click OK for reset, or Cancel for rejection.
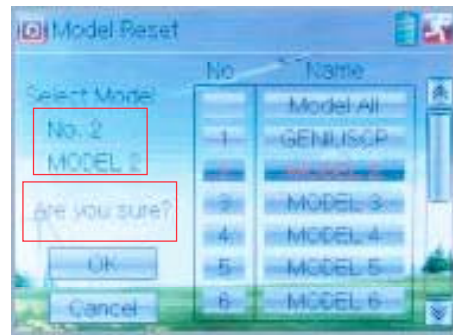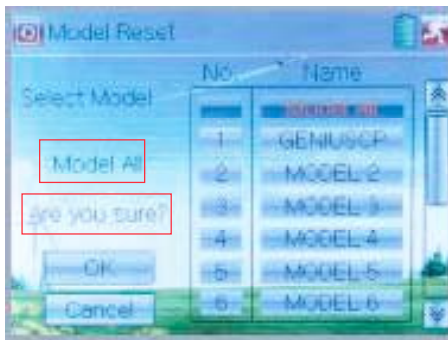
(2) Method for single reset:

Touch the upper or lower navigation mark to move the scroll bar, and then choose the model you want to restore in the model name list. The selected model's name, serial No and enquiry "It is in use! Are you sure?" will appear in the left side. Click OK for resetting, or Cancel for rejection.

Click the icon [icon] to exit.

2.6 Type select

This device offers two model types menu. They are helicopter and airplane respectively.
Touch the icon [icon] to enter Model Menu and then click [icon] to enter Type Select.

Choose the model type and then touch the icon [icon] to exit.

2.7 Trim system

Trim System is able to finely tune the following four items, respectively: Elevator, Aileron, Rudder, Throttle. The trim range is divided into 20 grades (factory default is set at 4). It is convenient to subtly modify the pitch by adjusting the trim range.

Touch the icon [icon] to enter Model Menu and then click [icon] to enter Trim System.

Touch the corresponding navigation mark to change the trim value. The bigger the trim value is, the bigger the trim range will be.

For elevator, aileron, and rudder, there are two more options: Normal and Limited. "Normal" means the trim is always working although the corresponding stick stays anywhere. "Limited" means the trim is out of working when the corresponding stick is at maximum position.

2.8 Device select

This setting can help you configure various functional switches, or adjust levers. It includes Flight Mode Switch, Stunt Trim Select, Throttle Hold Switch.

Setting method:

Touch the icon to enter Model Menu, and then click the icon to enter Device Select.

(1) Flight Mode Switch

Touch the navigation mark of Flight Mode Switch and expand into a dropdown menu, where to choose the mode switch you desire. The factory default setting is FMOD SW.

(2) Stunt Trim Select

There are two modes: Common and Flight Mode. In Common mode all the trim values, which various sticks are corresponding to, put equally effects on all the flight modes.

In Flight Mode, the trim value, which each stick is corresponding to, puts independently effect on the corresponding stick. The factory default is Common.

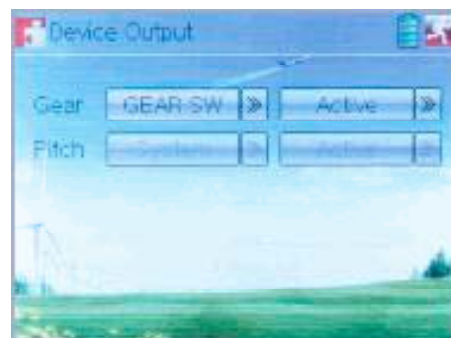(3) Throttle Hold Switch

Refer to "Flight Mode Switch".

Click the icon to exit.

2.9 Device Output

Device output is composed of two items. It can set up the output switches . It can also activate, inhibit or use other functions.

Setting method:

Touch the icon to enter Model Menu and then click to enter the device output interface.

(1) Gear

Touch the left column navigation mark of Gear and pop up an expansion list including FMOD SW, MIX SW, D/R SW, and GEAR SW. Touch the desired item. The default setting is GEAR SW.

Touch the right column navigation mark of Gear. Pop up an expansion list including Inhibit, Active,and Gyro. Touch the desired item. The default setting is Active.

(2) Pitch

The item is programmed as system default. Any setting is unavailable.

Click the icon [icon] to exit.

2.10 Swash type

The swash type is grouped into five options: 1 Servo Normal, 2 Servos 180°, 3 Servos 120°,3 Servos 140°, and 3 Servos 90°.

Setting method:

Touch the icon [icon] to enter Model Menu, and then click the icon [icon] to enter the swash type interface.

Choose the desired swashplate and then click the icon [icon] to exit.

2.11 Power amplifier

The transmission output power of DEVO-6 is adjustable. It's valid to set different wattage for different model.It is divided into six grades from small to big. The lower the transmission output power transmits, the shorter the radio range is, and the longer the stand-by time will be. The higher the transmission output power, the farer the radio range, and the shorter the stand-by time. Choose the appropriate transmission output power according to the actual situation.

Setting method:

Touch the icon [icon] to enter System Menu and then click [icon] to enter the power amplifier interface.Choose the appropriate output power level and then touch [icon] to exit.

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2.12 Fixed ID

This setting will bind DEVO-6 and its receiver in a unique corresponding relationship. It will greatly speed up the time of automatic binding when DEVO-6 powered on.

(1) Setting for fixed ID

The setting for fixed ID should be under the status that automatic ID binding is successfully finished. Below is the setting method.

Touch the icon [ ] to enter Model Menu, and then click the icon [ID] to enter FIX ID interface.

Navigational mark
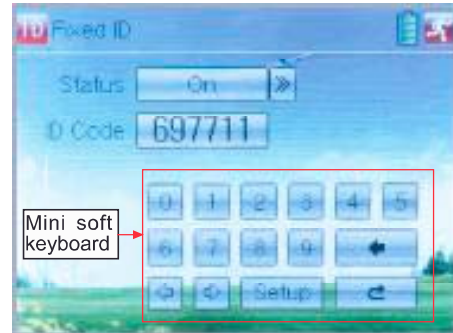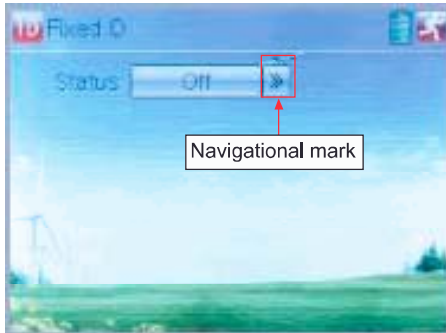
Mini soft keyboard

Touch the navigation mark of the item ID Code Setting. It will expand into two statuses: Off and On. A series of random digits will be shown below after touching On.A mini soft keyboard is shown in the lower part after touching the random digits of ID Code

The new ID digits can be modified by touching the mini soft keyboard. Then touch Match after the new ID is already set. An inquiry interface of "Are you sure?" pops up. "ID Code Match......" will be shown after touching OK.

(2) Fixed ID cancellation

Press key"CLEAN" before the receiver is powered on, and then plug 5V DC power into one of the other output terminals. The red light of receiver will flash slowly. This means the fixed ID code has been cancelled. Pull out BIND PLUG.DEVO-6 also needs to make relative cancellation and revision after the fixed ID in receiver is cleared out.

CLEAN

(3) Transmitter setting

In the main interface touch the icon[ ] to enter Model Menu and then touch [ID] to enter Fixed ID. Touch ID Code Setting to expand the navigation mark into two status On and Off. Touch Off. Then touch[ ] to exit.

3.0 Function Menu

Function Menu can help you make CUSTOM adjustments for the selected models. The menu includes such items as Reverse Switch, Travel Adjust, Sub Trim, Dual Rate and Exponential, Throttle Hold, Throttle Curve, Mix to Throttle, Gyro Sensor, Swash Mix, Pitch Curve, Program Mix, Monitor, Fail Safe, Trainer, and Timer.

3.1 Reverse Switch

Touch the shortcut icon   to enter Function Menu, and then click   to enter the reverse switch interface.

The statues of total 6 channels are shown in the interface. Touch the relative channel for Normal or Reverse switch. The default setting is Normal.

Click the icon   to exit.

3.2 Travel adjust

Touch the icon   to enter Function Menu and then click   to enter the travel adjust interface.
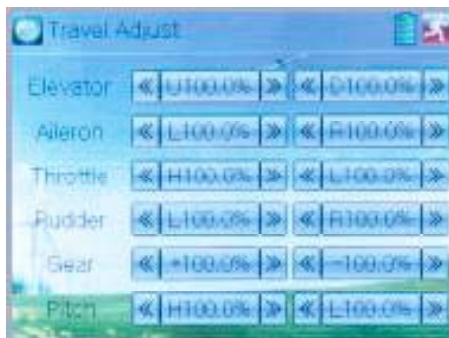
Touch the navigation mark of the desired item to increase or decrease the servo travel range. The trim range is from 0.0% to 150.0%. The factory default is 100.0%.

Click the icon   to exit.

3.3 Sub Trim

Sub Trim can parallel to move the neutral point of the servo. But we advise you to mechanically adjust the servo bell crank if offset is far away from the neutral point of servo, because excessive usage of the sub trim, out of its range, may damage the servo.

Setting method:

Touch the icon   to enter Function Menu and then click   to enter Sub Trim.
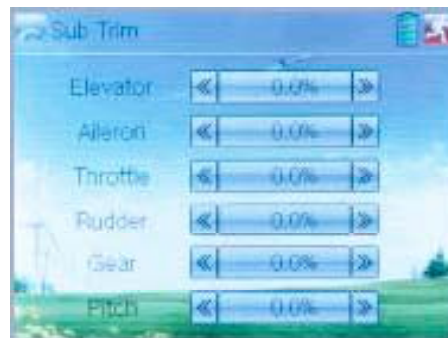
It is possible to change the servos' neutral point by touching the navigation mark of the desired item to amend the percentage. The default for each channel is 0.0%. The following chart shows the adjustment range of each channel:

Channel name	Adjustment range	Channel name	Adjustment range
Elevator	D62.5%−U62.5%	Rudder	R62.5%−L62.5%
Aileron	R62.5%−L62.5%	Gear	−62.5%− +62.5%
Throttle	L62.5%−H62.5%	Pitch	L62.5%−H62.5%

Touch ![icon] to exit.

3.4 Dual Rate and Exponential

After this function is set up, it is possible for D/R switches to control the dual rates of elevator, aileron, and rudder, respectively. The setting range is covered from 0% to 125%. Under the help with exponential curve adjustment, it is possible to make both customized settings and automatic settings.

The switch between Dual Rate and Exponential can be performed via pushing or pulling the Flight Mode lever.

Setting method:
Touch the icon ![icon] to enter Function Menu and then click ![icon] to enter the interface dual rate and exponential interface.

Expansion list pops up
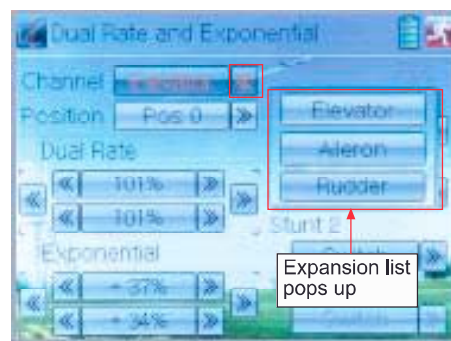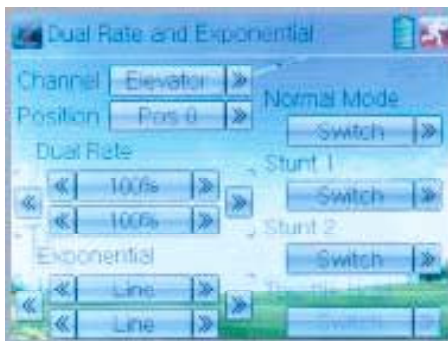
(1) Channel selection

Touch the navigation mark of Channel. An expansion list pops up, which contents Elevator, Aileron, and Rudder. Choose the desired channel for setting.

(2) Position selection

Touch the navigation mark of Position. An expansion list pops up, where there are four points for you choosing from Pos 0 through 3. Chose the position you want to set. The chosen point will be shown in the frame of the item Position.

In manual mode, the function of Dual Rate and Exponential will be executed by the corresponding dual rate switch among Pos 0 and Pos 1.
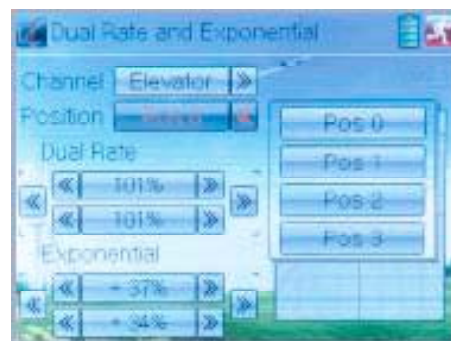
Take the item Elevator at Channel as the example. All the flight modes, shown in the right column, are set as "Switch".Then if we move the lever of ELEV D/R, the switch will be taken place among Pos 0 and Pos 1.If moving the lever ELEV D/R (shown above), switch will happen among Pos 0 and Pos 1 (shown below).

D/R

The current Switch position is shown here

"Channel" is set as "Elevator"

All the flight modes are set as "Switch"
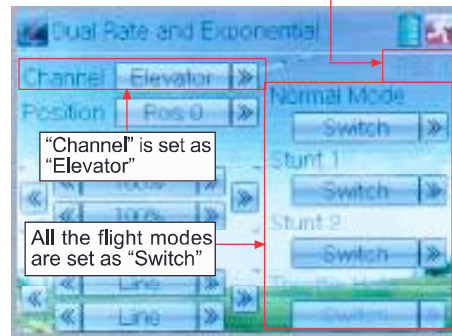
(3) Dual Rate adjustment

It is possible to modify the dual rate value by touching the navigation mark of Dual Rate. If touching the navigation mark for just one item to amend the dual rate value, the dual rate of the corresponding servo will be changed in one direction, while the curve will being changed in one direction at the right graph.

Upper curve

Lower curve
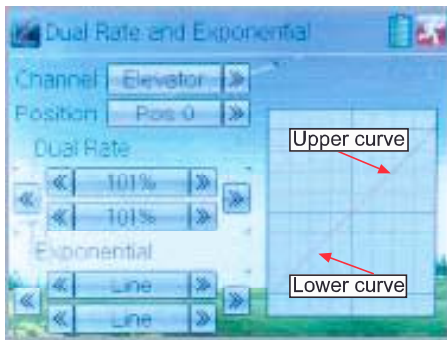
(4) Exponential adjustment

It is possible to adjust the exponential output value of the servo at that point, which is set up in step "(2) Position selection", by touching the navigation mark of Exponential.

(5) Automatic setting

Under working with Flight Mode, it is possible to switch the dual rate and exponential, which are set in above "(3) Dual Rate adjustment" and "(4) Exponential adjustment", respectively.

The settings for Normal Mode, Stunt 1, Stunt 2, and Throttle Hold are available. Throttle Hold in Function Menu should be set as "Active" (Refer to "3.5 Throttle Hold" below).

Touch the flight mode that you want to set as automatic operation, and an expansion list will be shown. Click the desired position. If Switch is selected, it is only controlled by the corresponding dual rate lever.

Click the icon 🔧 to exit.

Flight mode

Flight mode
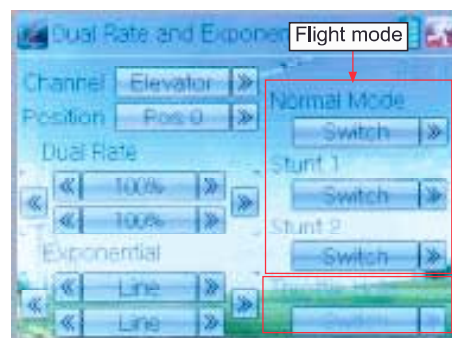
3.5 Throttle hold

If this function is set, the switch will be executed by hold switch. The setting value of throttle hold is ranged from -20.0% to 50.0%.

Setting method:

Touch the shortcut icon ▬ to enter Function Menu, and then click 🔲 to enter the throttle hold interface.
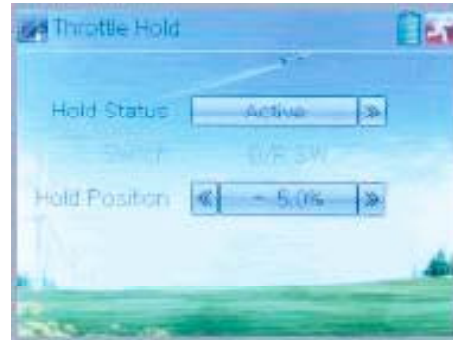
Touch the navigation mark of Hold Status, and an expansion list will be shown as Inhibit and Active. Click Active, there appeared Switch, and Hold Position in the following interface.

(1) Setting for Switch

This item is impossible to be set. The default setting is D/R SW.

(2) Setting for Hold Position

Touch the left or right navigation mark of the item Hold Position to decrease or increase, respectively, the position amount, whose range is covered from -20.0% to +50.0%.

Under Throttle Hold turned on (pull the Throttle Hold lever forward), when moving the throttle stick to the point set by Cut Position from high to low, the throttle enters the locked status. That means the throttle is locked at the point set by Hold Position.If pushing Throttle Hold lever, the throttle locked status is released.

Click the icon 🔴 to exit after all the settings are finished.


3.6 Throttle curve

Throttle curves are adjusted through seven points, which of all the flight modes can be respectively set. The flight mode includes Normal Flight, Stunt 1, Stunt 2.

Setting method:

Touch the shortcut icon ▬ to enter Function Menu, and then click the icon 🔲 to enter the interface of Throttle Curve while an enquiry dropdown is shown "All Servos Hold?" If click OK, all the servos will be locked at the current status; if click Cancel, all the servos will be unlocked at the current status. Enter the following interface after clicking OK or Cancel.

(1) Adjustment for Exponential

Touch the navigation mark of Exponential and expand an option dropdown: Off and On. The throttle curve will be changed smoothly if touching On, or in fold line if clicking Off.

(2) Curve Setting

It includes two items: Point, and Output.

(2.1) Adjustment for Point

Touch the navigation mark of Point and an expansion list including seven points is shown. Click the point which you want to adjust.

(2.2) Output adjustment

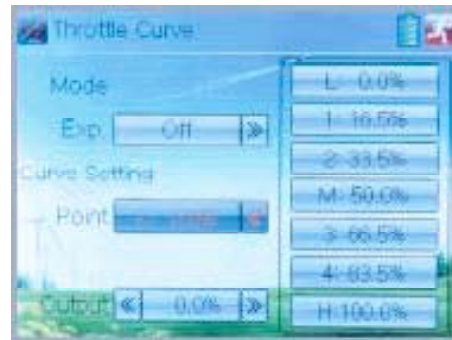Touch the left or right navigation mark of Output to decrease or increase, respectively, the output amount of the selected point with a minimum of 0.0% and a maximum of 100.0%.

(3) Flight mode

There are total three flight modes: Normal Flight, Stunt 1, Stunt 2, the curve of which can be respectively set in their corresponding flight mode. The setting method is same with "(2) Curve Setting" above.

Click the icon ![icon] to exit.

3.7 Mix to throttle

This function can keep the main rotor blades running at the certain revolution caused by the changed load when operating the aileron servo, elevator servo, and rudder servo. Generally, it is not advised to use this function.

Setting method:

Touch the shortcut icon ![icon] to enter Function Menu, and then click the icon ![icon] to enter the MIX to throttle interface.

If the item of Channel is shown as "Elevator", there are Channel, Switch, Up, and Down in the interface. If the item of Channel is Aileron or Rudder, the contents in the said interface will be changed into Channel, Switch, Left, and Right. Take the example of Channel set as Elevator to illustrate the setting method.

(1) Channel setting

Touch the navigation item of Channel and expand three options: Elevator, Aileron, and Rudder. Choose Elevator as the channel you want to mix.

(2) Switch selection

Touch the navigation mark of Switch and pop up a dropdown menu with Always on, Normal Mode, Stunt 1, Stunt 2, and GEAR SW. Touch the item which will be set as switch. After setting finished, the corresponding status of On or Off will be shown on the upper right corner when pushing the Lever, which the selected item is corresponding to. Then touch the navigation mark of Switch to return to the previous interface.

(3) Up setting

Touch the left or right navigation mark of Up to decrease or increase the mix amount when moving the throttle stick upwards. The bigger the amount is, the bigger the mix to throttle will be. Click the left mark and change the amount from "+" to "-" for the throttle mix direction reverting. The adjustable range is ±125%.

(4) Down setting

Touch the left or right navigation mark of Down to decrease or increase, respectively, the mix amount when moving the throttle stick downwards. The bigger the amount is, the bigger the mix to throttle will become. Click the left mark and change the amount from "+" to "-" for reverting the throttle mix direction. The adjustable range is ±125%.

(5) The setting method is same as above when Channel is shown as Aileron or Rudder.

Touch the icon to exit after finished.

Note:
(1) Confirm before flight: whether or not the mix amount set above reaches the desired flight effect, and whether or not all the actions are right in various flight modes.
(2) It is unnecessary to use this function when Governor is taken to control the revolution.

3.8 Gyro sensor

This function offers the gain adjustment for gyro sensor, which can be manually set through D/R switches or Flight mode switch, and also is possible to be automatically switched among various gains through flight mode switch.This function should be set with "Gyro" under "device output" step in the "model menu"(see 2.9 Device Output step)

Setting method:
Touch the icon to enter Function Menu, and then touch the icon to enter the gyro sensor interface.
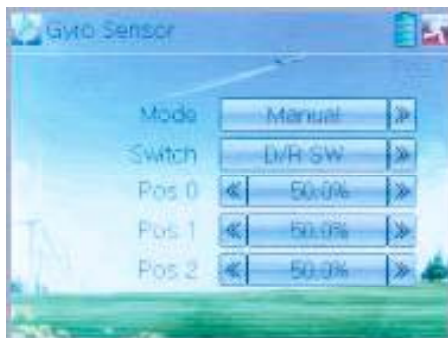
(1) Manual setting

(1.1) Mode selection
Touch the navigation mark of Mode and expand into two options: Manual and Automatic. Select Manual.

(1.2) Switch selection
Touch the navigation mark of Switch and expand into some articles: FMOD SW, MIX SW, D/R SW, and GEAR SW.

(1.3) Channel setting
It is possible to alter into other channels by choosing in the item of Device Output (refer to "2.9 Device Output").

(1.4) Gain adjustment
There are total three options for respective setting: Pos 0, Pos 1, and Pos 2.

(1.4.1) Pos 0

Touch the left or right navigation mark of Pos 0 to decrease or increase the amount, respectively. If the gyro you use owns two modes of NOR or AVCS, AVCS will be activated when the amount is above 50.0%. The bigger the amount is, the bigger the gyro sensor gain becomes. The default setting is 50.0%.
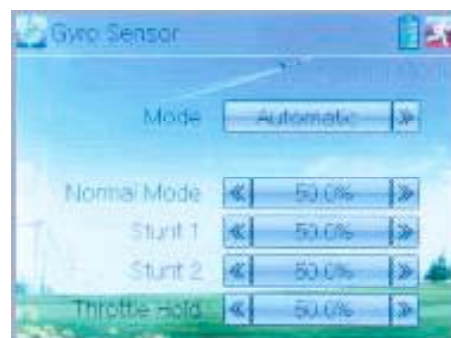
(1.4.2) Pos 1
Refer to the step of "(1.4.1) Pos 0".

(2) Automatic setting

(2.1) Mode selection
Touch the navigation of Mode and expand into two options: Manual and Automatic. Select Automatic.

(2.2) Channel output

It is possible to alter into other channels in the interface of Device Output (Refer to "2.9 Device Output").

(3) Flight mode selection

All the flight modes are shown in the right interface which includes Normal Flight, Stunt 1, Stunt 2, and Throttle Hold. Throttle Hold Switch should be activated in HOLD SW (Refer to "3.5 thottle hold").

Click the left or right navigation mark of the flight mode, which you want to automatically adjust, to decrease or increase the amount of gyro gains, respectively. If the gyro you use has two modes of NOR or AVCS, when the amount is less than 50.0%, NOR mode is activated. The lesser the amount is, the bigger the gyro gain becomes. The default setting is 50.0%.

Click the icon [icon] to exit after finished.

3.9 Swash mix

This function, which can be executed through flight mode, is used for amending the variation caused by swashplate movement. The amount of servos mix and Exponential will be shown in the right if two or more servos have been selected in Swash Type. (Refer to "2.10 Swash Type").

Setting method:

Touch the icon [icon] to enter Function Menu and then touch the icon [icon] to enter Swash Mix.
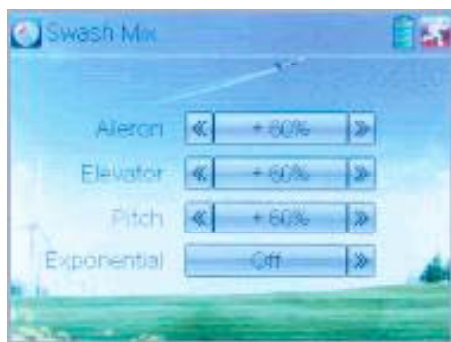
(1) Aileron Mix

Touch the left or right navigation mark of the aileron to decrease or increase, respectively, the mix amount. The mix direction can be reverted through altering the plus or minus sign before amount. The adjustable range is ±125%.

(2) Elevator Mix

This function is base on "Swash Type" who chose 3 servos or above(Refer to "2.10 Swash Type"). Method is same as above.

(3) Mix setting for multi servos

This function is used for two or more servos selected (Refer to "2.10 Swash Type"). Method is same as above.

(4) Exponential setting

This function can execute the exponential changes, which are set at Dual Rate and Exponential in Function Menu. If Off is selected, the exponential curve will be changed in the form of fold line.

Setting method:

Touch the navigation mark of Exponential to expand two options: Off and On. the default setting is Off. On is recommended.All the data should be set as 0% if this function is not to be used.

Then click [icon] to exit.

3.10 Pitch curve

Seven-point adjustment method is allowed to set up all the pitch curves, respectively, in each flight mode, which includes Normal Mode, Stunt 1, Stunt 2, and Throttle Hold.

Setting method:

Touch the icon [icon] to enter Function Menu, and then click [icon] to enter Pitch Curve. A dropdown pops up "All Servos Hold?". Click OK for all the servos will be locked at the current status; click Cancel for unlocked.Enter the next interface after clicking OK or Cancel.
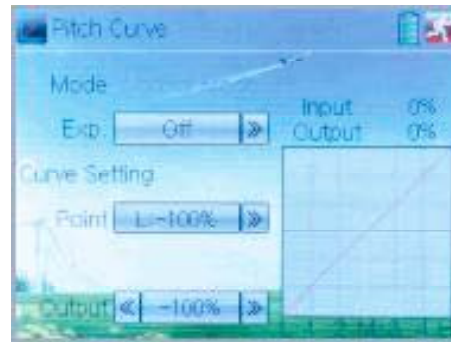
(1) Exponential setting

Touch the navigation mark of Exponential to expand into two options Off and On. The pitch curve will be smoothly changed if clicking On. Or the pitch curve will be changed in the form of fold line if clicking Off.

(2) Curve setting

It includes four sub-items: Point, Status,and Output.

(2.1) Point selection

Touch the navigation mark of Point and expand into seven points for selection. Touch the point that you want to amend.

(2.2) Status setting

Touch the navigation mark of Status and expand into two options: Inhibit and Active. Click Inhibit for keeping the current amount of the selected point (the factory default setting is Inhibit); Click Active for changing its current amount with a dropdown of Output popped up.
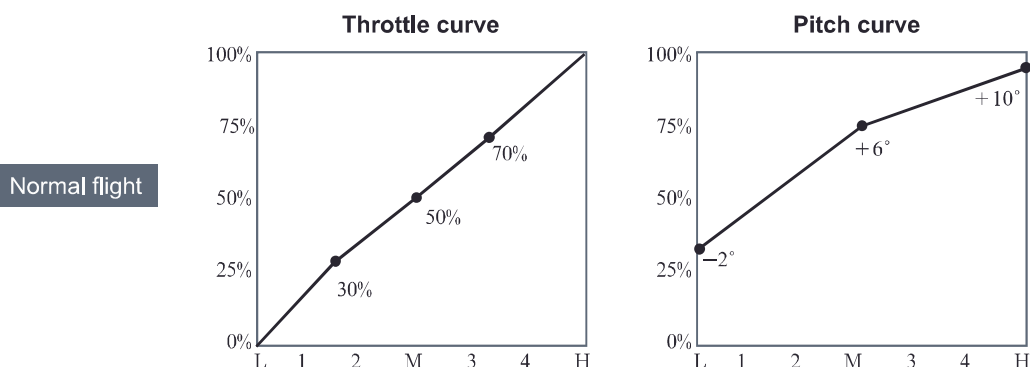
(2.3) Output setting

Touch the left or right navigation mark of Output to decrease or increase, respectively, the output amount with a range from -100% to +100%.

(3) Flight mode setting

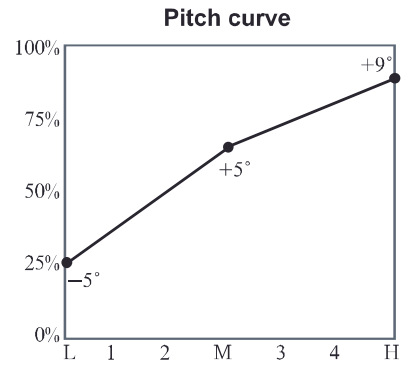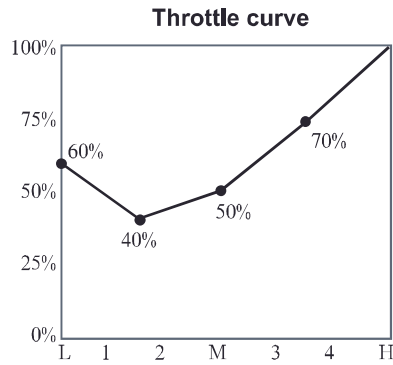Flight Mode includes four sub-items: Normal Mode, Stunt 1, Stunt 2, and Throttle Hold. Their pitch curves can be separately set in their own flight modes. The setting method is same as above.
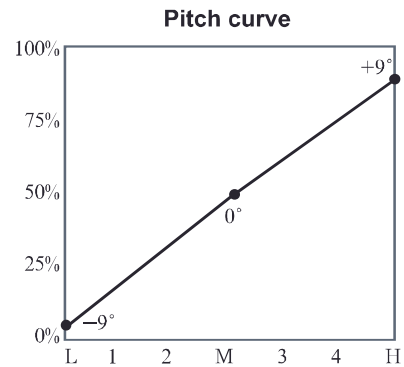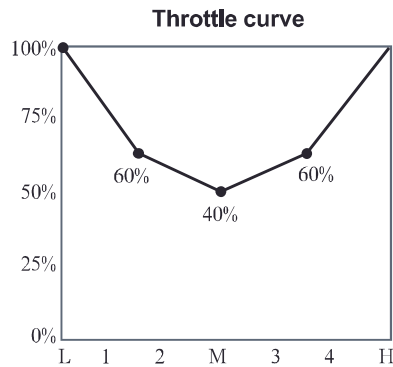
Click the icon to exit after finished.

Below are shown several basic examples of Throttle curves and Pitch Curves for reference. Adjustment to the real flights is a must.
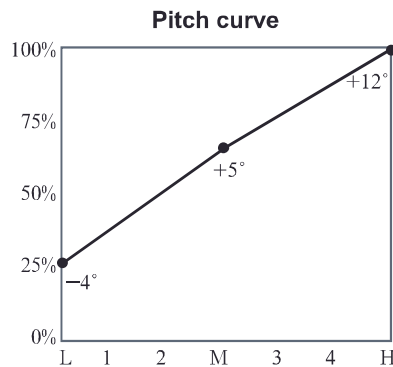

Throttle curve   **Pitch curve**

Normal flight

Throttle curve

Pitch curve

Flightmode1

100%

75%
60%
50%
40%
25%
50%
70%

0%
L   1   2   M   3   4   H

100%
+9°
75%
+5°
50%
25%
−5°
0%
L   1   2   M   3   4   H

Throttle curve

Pitch curve

Flight mode 2

100%
75%
60%   60%
50%   40%
25%

0%
L   1   2   M   3   4   H

100%
+9°
75%
50%
0°
25%
−9°
0%
L   1   2   M   3   4   H

Pitch curve

Autorotation landing

100%
+12°
75%
+5°
50%
25%
−4°
0%
L   1   2   M   3   4   H

3.11 Program mix

There are total eight sets of Program Mix. It is possible to freely set the channels and their amounts which you want to select and amend, respectively.

Setting method:

Touch the icon [icon] to enter Function Menu, and then click [icon] to enter the program mix interface. Eight Program Mix names and their current statuses are shown (the factory default setting is Inhibit). Take Program Mix 1 as an example to show how to use.

(1) Setting method for Normal in Program Mix 1

Touch the item Normal in Program Mix 1 and expands an enquiry "All Servos Hold?" Click OK for all the servos will be locked at the current statuses; click Cancel for unlocked. Enter the next interface after clicking.

(1.1) Master channel setting

Touch the navigation mark of Master and expands a selectable dropdown menu. After clicking the desired channel, the channel name will be shown in Master.
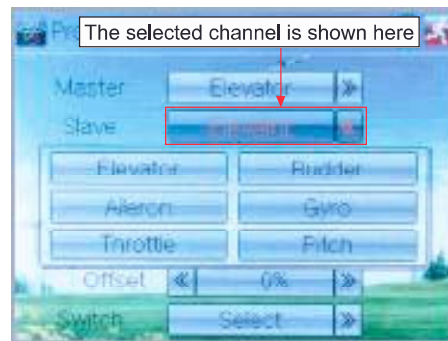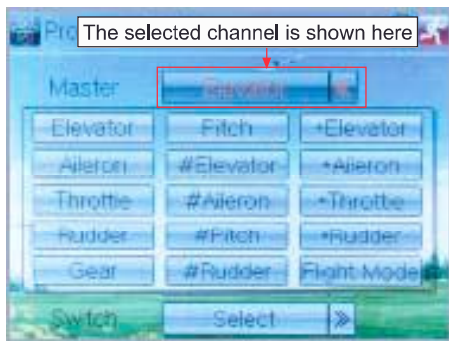
(1.2) Slave channel setting

Touch the navigation mark of Slave and expands a selectable dropdown menu. Click the desired channel which will be shown in Slave.

(1.3) Gain setting

Take Elevator at Master channel as an example.

(1.3.1) Mix amount setting when elevator stick moved upward

Touch left or right navigation mark of Up to decrease or increase, separately, the 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) Mix amount setting when elevator stick moved downward

Touch left or right navigation mark of Down to decrease or increase, separately, the 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) Offset setting

This function can make Slave begin to mix through the corresponding Lever switch from a certain point as the starting point.

Touch the left or right navigation mark of Offset to decrease or increase, respectively, the mix amount. It is possible to reverse the offset direction through changing the plus or minus sign before amount. The adjustable range is ±125%.

(1.4) Switch selection

Touch the right navigation mark of Switch and pop up a dropdown menu which contains the adjustable items. Click the desired switch. Then touch the right navigation mark to return the previous interface.

Click the icon to return to the interface of Program Mix for other setting, or click the icon once again to exit.

(2) Setting method for Curve in Program Mix2

Touch 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 statuses; click Cancel for unlocked. Enter the next interface after clicking.

(2.1) Master channel setting

Touch the navigation mark of Master and expand a selectable dropdown menu. Select the desired channel and its name will be shown in Master. Click the navigation mark of Master to return to the interface of Program Mix 1.

(2.2) Slave channel setting

Touch the navigation mark of Slave and expand a selectable dropdown menu. Select the desired channel and its name will be shown in Slave. Click the navigation mark of Slave again to return to the interface of Program Mix 1.

(2.3) Exponential

Touch the navigation mark of Exponential and expand a dropdown menu with two options of Off and On. The pitch curve will be smoothly changed if choosing On. Otherwise choosing Off.

(2.4) Point selection

Touch the navigation mark of Point and expand a dropdown menu with

seven points. Click the point you want to set, and then touch the navigation mark to return.

(2.5) Status

Touch the navigation mark of Status and expand a dropdown with two options of Inhibit and Active. Touch Inhibit for unchanging the current amount (the default setting is Inhibit); click Active for changing the amount. If Active is selected, another item Output will be shown below.

(2.6) Output

Touch the left or right navigation mark of Output to decrease or increase, 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 ±125%.

(2.7) Switch

Touch the navigation mark of Switch and expand a usable dropdown menu. Select the desired switch, and then click the navigation mark to return.

Click the icon to return to the interface of Program Mix for other setting, or click the icon once again to exit.

3.12 Monitor

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

Touch the icon to enter Function Menu, and then click the icon to enter the monitor interface for checking the current working status of each channel.

Click to the icon exit after finished.
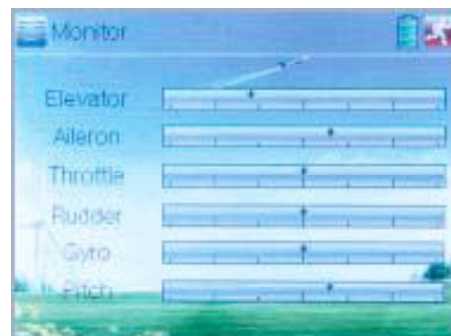
3.13 Fail safe

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 previously set. The default setting is Servo Hold.

Setting method:

Touch the icon [icon] to enter Function Menu, and then click [icon] to enter the fail safe interface.Take the item Elevator as an example to explain.
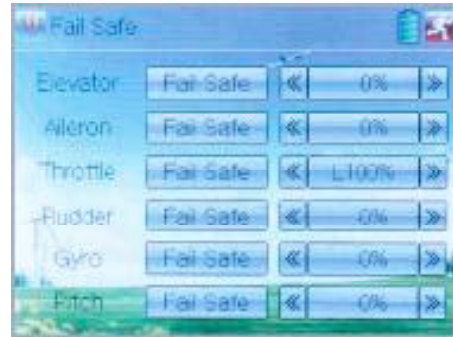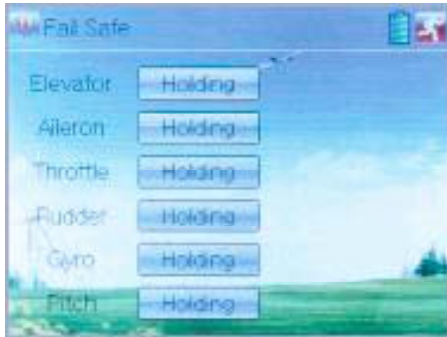
Elevator setting:

Touch the item Elevator and expand a sub-item in its right. Click the left or right navigation mark to decrease or increase, respectively, the position amount which centers on the neutral point of servo.

The setting methods for other channels are same as above.

Click the icon [icon] 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.

3.14 Trainer

Two DEVO-6 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

Using the wireless copy function of two DEVO-6 equipments, the model data saved in the trainer's one can be transmitted to the trainee's to ensure that the model parameters are exactly same. Regarding the copying method, refer to "2.4 Model Wireless Copy" at "Part Two: Helicopter". Then follow the steps below:

(2) Linkage

Insert one end of the signal wire into DSC socket at the rear face of the trainee's DEVO-6, and then turn on the power. A linkage icon will be shown on the boot screen. Find out the trainee's model data at its DEVO-6.


Linkage icon at trainee's DEVO-6

Turn on the power of the trainer's DEVO-6. Find out the trainee's model data, and let the trainer's DEVO-6 bind with the helicopter model and fly it normally. Then turn off the power.

Insert the other end of the digital signal wire into the trainer's DEVO-6, and then turn on its power. A linkage icon will be shown as below:

DSC socket

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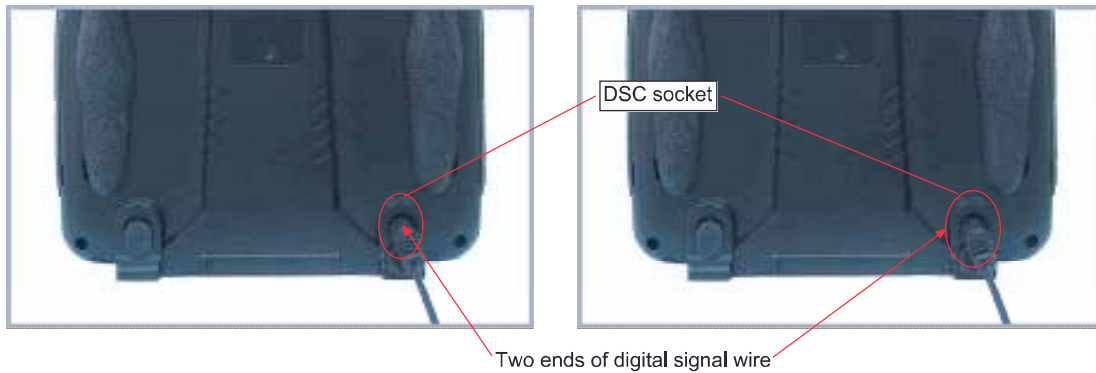
Training status display: when the trainer's icon becomes into "X", the trainee stops flying and the trainer is working; when the trainer's icon turns into "√", the trainee is flying and the trainer is in leisure.

Trainee is off and trainer is working

Trainee is working and trainer is off
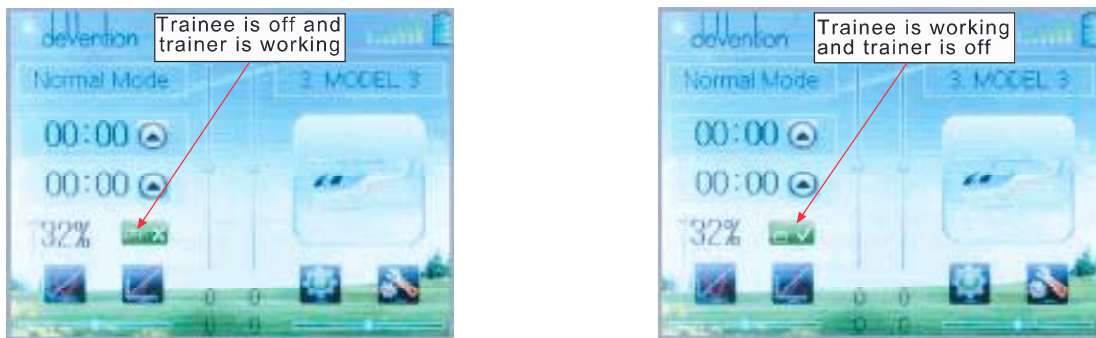
(3) Usage method

The traning switch can be freely wirchable. Take "GEAR" switch as an example. Shown as below:

During the flight, if the trainer pushes " GEAR" switch backward, the linkage icon will be shown as "√" that means the control right is moved to the trainee. If trainer pushes " GEAR " switch aain, the linkage icon will be shown as"X" that means the trainer take back the control right.

GEAR

(4) Setting for training function switch

Touch the shortcut icon [icon] to enter Function Menu, and then click [icon] to get access to Trainer screen. The available channels are shown below, and the current status of trainer switch TRN is also shown there.

(5) 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 DEVO-6. Below is the setting method:

Touch the channel(s) which you want to grant to trainee. The channel(s) you have touched will be activated as "Active". The channels which are not granted to trainee will be kept inhibited. The default setting is "Inhibit".
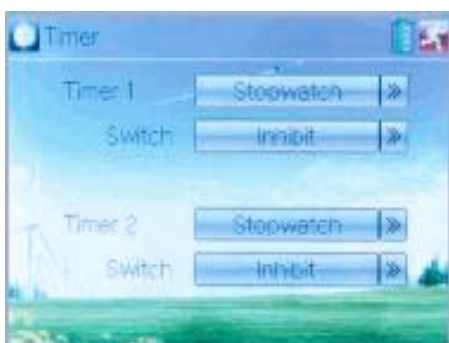
Touch ![icon] to exit.

3.15 Timer

There are two timers which can be set as stopwatch and countdown, respectively. The running, stop, or clearance of each timer can be operated by setting switch or by touching the shortcut icon.
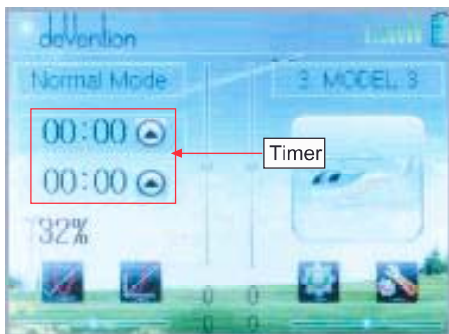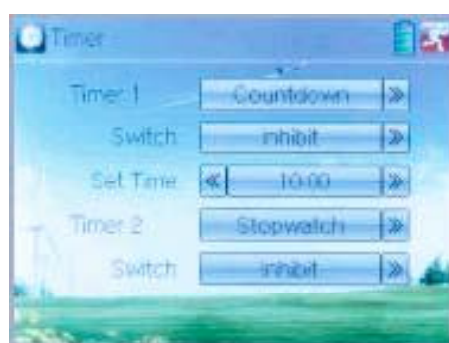

Setting method:

Touch the icon ![icon] to enter Function Menu, and then click the icon ![icon] to enter the timer interface.

Stopwatch view   Countdown view