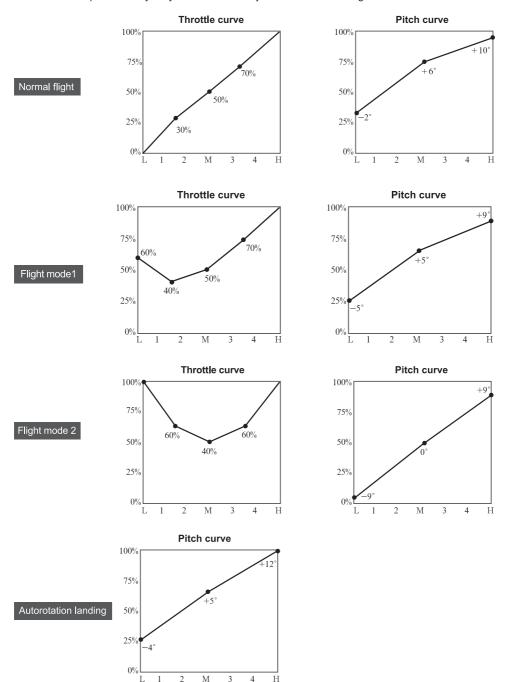


#### (3.2) Output

After finishing above setting , there is a "Output" selection, press DN to move the cursor→to point to "Output" setting, press R+ or L- amend output data, Min value 0.0%, Max value 100.0%. "In" and "Out" display the throttle stick Input and Output level.

(4) Stunt 1, Stunt 2, Throttle Hold can be set separately in Pitch curve settings, Please refer to above settings. Press EXT to exit.

The basic examples are only for your reference. Adjustment to the real flights is a must.



Program Mix

Program Mix 1



#### 3.12 Program Mix

There are 8 series of program mix, mix channels and values are adjustable.

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 Program, press ENT to Program setting interface. see the right Illustration:

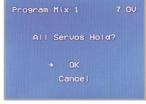
And press ENT to program mix setting and current status (default setting is "inhibit") interface. Press R+ or L- to choose Inhibit, normal or curve.

Take "program mix 1" for example, there are "normal" and "curve" setting.



Press UP or DN to move the cursor→to point to the "Normal" setting, Press ENT button then pop up "All Servos

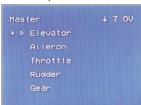
Hold?" Press R or L to choose OK or Cancel. If "OK" selected, all the servos will be locked in the current status, if "Cancel" selected, all servos are unlocked. Press ENT enter to Program Mix 1 setting interface.





#### (1.1) 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.





#### (1.2) 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.

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

#### (1.3.1) UP

Mix amount setting when elevator stick moved upward.Press UP or DN to move the cursor→to point to Up setting. Press R or L to increase or decrease the mix amount separately. It is possible to reverse mix direction through changing the "+" or "-" sign before amount. The adjustable range is ±125%.

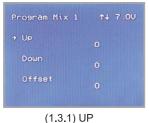
#### (1.3.2) Down

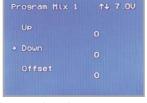
Mix amount setting when elevator stick moved downward. Press UP or DN to move the cursor→to point to Down setting. Press R or L to increase or decrease the mix amount separately. It is possible to reverse mix direction through changing the "+" or "-" sign before amount. The adjustable range is ±125%.

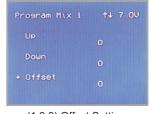
#### (1.3.3) Offset Setting

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

Press UP or DN to move the cursor→to point to Offset setting, Press R+ to increase the mix amount and press L- to decrease. It is possible to reverse Offset direction by pressing R or L button to change the "+" or "-" sign before amount. The adjustable range is ±100%.







(1.3.2) Down

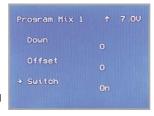
(1.3.3) Offset Setting



#### (1.4) Switch

Press UP or DN to move the cursor→to point to the Switch setting item and press ENT to enter the select interface of Switch. Press UP or DN to choose the switch you wish to set. Press ENT to confirm.

Press EXT to be back to Program Mix 1 interface.

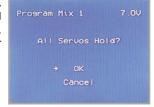


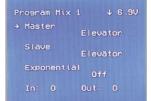


#### (2) Curve setting of Program Mix

Press UP or DN to move the cursor→to point to the "Curve" setting, Press ENT button then pop up "All Servos

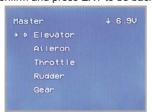
Hold?" Press R or L to choose OK or Cancel. If "OK" selected, all the servos will be locked in the current status, if "Cancel" selected, all servos are unlocked. Press ENT enter to Program Mix 1 setting interface.

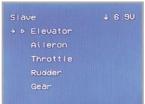




#### (2.1) Master channel setting

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) Exponential Curve

Press UP or DN to move the cursor→to point to Exponential setting. There are ON or OFF option when you press the R+ or L- buttoms. The Curve Pitch will become smoothly if the ON buttom is choosen. If you don't adjust the Pitch Curve Funtion, then choose OFF buttom.

#### (2.4) Point

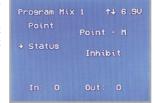
Press UP or DN to move the cursor→to point to the setting interface of Point. Press R or L keys of setting point, there are "point-L", "point -1", "point -2", "point -4", "point -4", "point -H". Choose the points need adjusting.

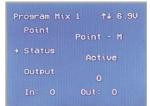
## → Point Point - M Status Inhibit In: 0 Out: 0

#### (2.5) 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).





# Program Mix 1 ↑↓ 6.9V Point Point - M Status Active → Output 0 In: 0 Out: 0

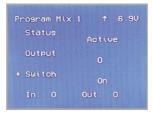
#### (2.6) Output

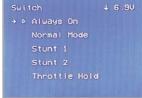
When the Status option is Active, the Output option will be listed. Press DN to move the cursor→to point to Output setting, press R+ or L- to increase or decrease, respectively, the output value. The adjustable range is from 0.0% to 100.0%. "IN" and "Out" means throttle stick input and output level.



#### (2.7) Switch

Press UP or DN to move the cursor→to point to the Switch setting item and press ENT to enter the select interface of Switch. Press UP or DN to choose the switch you wish to set . Press ENT to confirm.





Press EXT key to return to the previous interface for other settings or press EXT key to exit after finished.

#### 3.13 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.

#### 3.14 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.

```
Fail Safe ↓ 6.9V

Elevator
→ Servo Hold

Aileron Servo Hold

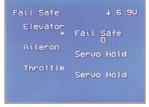
Throttle Servo Hold
```

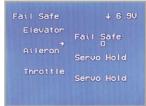
Setting method:

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.

#### 3.15 Sensor View

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.

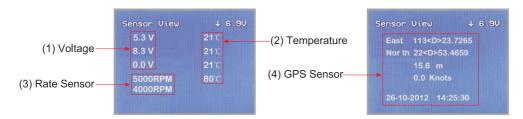
If all the sensors disconnect, telemetry signal lost, there will be inhibits shown on the view. If all work normal, all the measured data will be shown.

- (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;

Sensor View \$\ 4 \ 6 \ .9V

Inhibit Inhibit
Inhibit Inhibit
Inhibit Inhibit
Inhibit Inhibit
Inhibit





#### 3.16 Trainer

Two DEVO F7 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

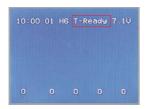
First step is to use the DEVO F7's wireless data transmission feature to transfer the teacher's main model data to the trainee's DEVO F7 transmitter. This step guarantees that the model data in each transmitter is identical. Refer to item "2.4 model wireless copy" in the Helicopter section later in this manual. Two DEVO F7 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 F7 display (see image right).

#### linkage icon

Turn on the power of the trainer's DEVO F7. 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 F7 power. Insert the other end of the signal wire into the trainer's DEVO F7 DSC port and turn on the power once more, T-Ready will be shown in the trainee's DEVO F7 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, Gear, Pitch, Gyro channels available. Press R+ or L- to set Active or Inhibit for the choosed Channel.

Trainer ↓ 6.9U

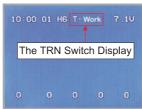
→ Elevator Inhibit
Aileron Inhibit
Throttle Inhibit
Rudder Inhibit
Gear Inhibit



#### (4) Training mode usage

The default setting is that the training mode switch is on the top left corner of the transmitter, named HOLD/TRN.





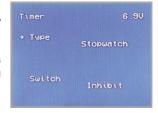
When flying, if the trainer operates the TRN switch, control is transferred control to the trainee; also, T-Work will be shown on the trainer's DEVO F7. The trainee's output data is displayed on the trainer's DEVO F7 screen. If the trainer operates the switch once more, the trainer regains control over all functions and channels.

Please check and familiarize yourself with the operation of the training mode before attempting flight or a training session in order to avoid miss-operation and damage/injury.

#### 3.17 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:

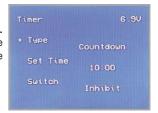


#### (1) Type

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.

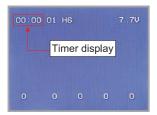


#### (3) Switch selection

Press UP or DN to move the cursor→to point to Switch setting. There are Inhibit and available switch options, available switch can be selected by press L- or R+. It includes FMOD SW12, FMOD SW 2, MIX SW12, MIX SW 2, D/R SW, HOLD SW, GEAR SW, SPS0 SW, SPS1 SW, SPS2 SW, SPS3 SW. We can select the desired item except these items of SPS0 SW, SPS1 SW, SPS2 SW, 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.

#### (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, as below illustration:

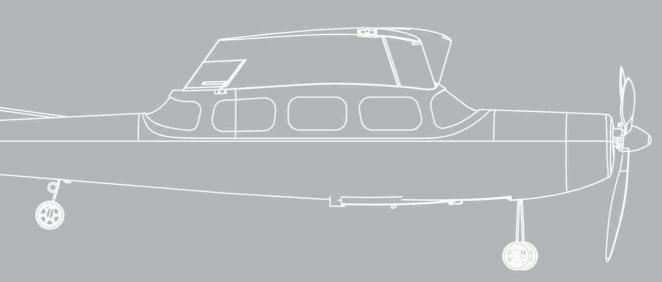




## Part three Airplane

All the functional settings, which are relative to the operation system of DEVO F7 itself, are fully integrated in System Menu. They include Display, Buzzer, vibrator, Video Select, Stick Mode, Stick Direction, Stick calibration, and About.

Setup your DEVO F7 transmitter for the best Helicopter performance with the following sections. Included are specific functions for rotor-craft features; Throttle curves, Pitch curves and Cyclic response are covered below.

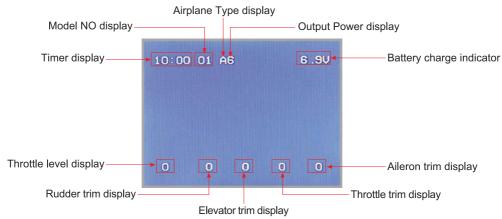




#### 1.0 System Menu

This section describes the settings which are specific to the operation of the DEVO F7 itself. Settings for Display, Buzzer, Vibrator, Video Select, Stick Mode, Stick Direction, Stick Calibration and About can be accessed via the System Menu.

Below is the boot screen of Airplane:



#### 1.1 Display

Backlight intensity: the backlight intensity is adjustable using the UP or DN button. Power consumption will be increased when intensity is high and battery life will be reduced.

Setting:

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to System Menu, press ENT to System Menu; Press UP or DN to move the cursor→to point to Display, press ENT to the Lightness setting interface and use R or L to change the setting as desired.

Press EXT to exit.

#### 1.2 Buzzer Setting

(1) Status: Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to System Menu, press

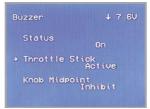
ENT to System Menu; Press UP or DN to move the cursor→to point to Buzzer, press ENT to the Buzzer setting interface. And then press UP or DN to move the cursor→to point to the Status, press R or L to toggle between ON and OFF settings. ON means start the Buzzer while OFF means the Inhibit.





(2) Throttle stick: With the "Status" item on, the option THSTK can be set to ON or OFF. If the Throttle Stick setting is ON/Active, a musical scale will be heared when moving the throttle stick. The position of the throttle stick can be judged by listening to the change in musical tone. Setting OFF, turns off the sounds.





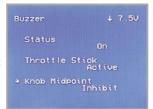
#### Setting:

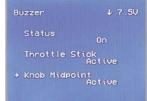
With the "Status" item on, press DN to move the cursor→to point to the "Throttle Stick". Use R or L to change the display between Inhibit and Active. Active means tones will be played, Inhibit means there will be no tones played.

(3) Knob Midpoint: With the "Status" item on, if the "Knob midpoint" setting keeps Active, there will be a buzzer at the midpoint position when turn the knobs. Please choose Inhibit if the buzzer isn't needed.



Setting: With the "Status" item on, press DN to move the cursor→to point to Knob Midpoint. Use R or L to change the status between Inhibit and Active. Active means to turn on Knob Midpoint buzzer while Inhibit means to turn of Knob Midpoint buzzer.





#### (4) Tone:

The buzzer tone can be selected from 10 notes. You can set the tone according to your preference and test the performance.

#### Setting:

With the "Status" item on, press DN to move the cursor→to point to Tone item. Use R or L key to change the flashing value from 1 to 10.

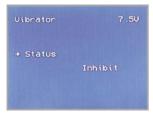
Press EXT to exit after finished.

#### 1.3 Vibrator

The vibrator is used as an alarm function to remind the users.

#### Setting:

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to System Menu, press ENT to System Menu; Press UP or DN to move the cursor→to point to Vibrator, press ENT to Vibrator setting interface.





There are two status as Inhibit and Active. Press R or L to select Active or Inhibit. Active means to start vibration, Inhibit means to turn off vibration.

Press EXT to exit after finished.

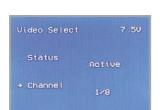
#### 1.4 Video Select

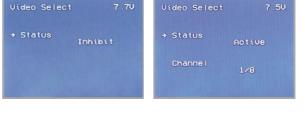
This function provides the settings of Inhibit or Active when choose the Video option. There are 8 channels for your choice at the state of Active.

#### Setting:

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to System Menu, press ENT to System Menu; Press UP or DN to move the cursor→to point to Video Select, press ENT to Video Select setting interface.

Press R or L to select Active or Inhibit. Active means to start vibration, Inhibit means to turn off vibration. When choose Active, there will be an expanded list for the channels options.





Channels options: Press DN to move the cursor→to point to Channel item as shown in the above interface. Press R or L to make the Number change between 1 to 8. With the 5.8G image transmmision module,1-8 channels could be choosed to receive the image signal.

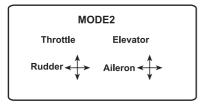
Press EXT to exit after finished.

#### 1.5 Stick Mode

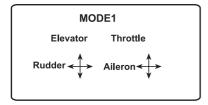
There are 4 stick modes including Mode1, Mode2, Mode3 and Mode4. Right-hand throttle includes Mode1 and Mode3; while left-hand throttle includes Mode2 and Mode4. See Below:

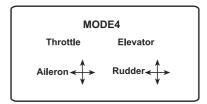


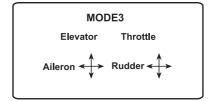
Mode 2 and Mode 4 are listed in left-hand throttle.



Mode 1 and Mode 3 are listed in right-hand throttle.







Setting: Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to System Menu, press

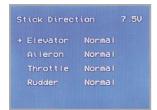
ENT to System Menu; Press UP or DN to move the cursor→to point to Stick Mode, press ENT to Stick Mode setting interface.

There are mode 1, mode 2, mode 3 and mode 4 for options. Press UP or DN to move the cursor→to point to desired item and then press ENT to confirm.

Press EXT to exit after finished.

#### 1.6 Stick Direction

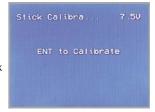
Setting: Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to System Menu, press ENT to System Menu; Press UP or DN to move the cursor→to point to Stick Direction, press ENT to Stick Direction setting interface.



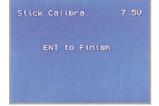
Stick Direction: There are Elevator, Aileron, Throttle, Rudder for options. Press UP or DN to move the cursor→to point to the desired item. Press R or L to change the settings of corresponding sticks. There are Normal and Reverse. The default setting is Normal.

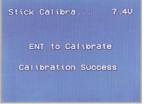
#### 1.7 Stick Calibration

Setting: Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to System Menu, press ENT to System Menu; Press UP or DN to move the cursor→to point to Stick Calibration, press ENT to Stick Calibration setting interface.



Stick Calibration: Mechanically move the right stick and left stick from their minimum levels to their maximum levels several times, and then return the sticks to the neutral positions, respectively.





Press ENT again to stop the calibration process and the display should show the following interface(Calibration Success).



The calibration has failed if press ENT and show the following interface. Please go back to the STMOD submenu using EXT and re-start the calibration process. Press EXT to exit after finished.

```
Stick Calibra... 7.4U

ENT to Finish

Please Retry
```

#### 1.8 About

Setting: Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to System Menu, press ENT to System Menu; Press UP or DN to move the cursor→to point to About, press ENT to About setting interface. You can check the current versions of hardware and software.

Press EXT to exit after finished.

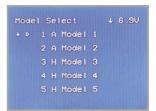


#### 2.0 Model Menu

Model Menu manages all the model data saved in DEVO F7. It includes Model Select, Model Name, Model Copy, Model Transmit, Model Receive, Model Reset, Type Select, Trim System, Stick Position Switch, Device Select, Device Output, Wing Type, Power Amplifier, Fixed ID and Sensor setting.

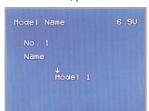
#### 2.1 Model Select

Setting: Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→to point to Model Select, press ENT to Model Select setting interface. There are 15 different model settings be saved. Press UP or DN to move the cursor→to point to select the model No you want and press ENT to confirm. Press EXT to exit.



#### 2.2 Model Name

In the menu of model name, you can make a desired name for your model for long term storage. Its data can be directly withdrawn in next flights. Repeat the step "2.1 Model Select" to choose the model you want to name or save, press EXT to back to the interface.

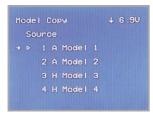


Setting: Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→to point to Model Name, press ENT to Model Name setting interface.

Press UP or DN to move the cursor→to point to select the character and figure which are needed to be changed, press R or L button to change the character and figure, and press UP or DN to set next one. Press EXT to exit after finished.

#### 2.3 Model Copy

Setting: Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→to point to Model Copy, press ENT to Model Copy setting interface.



```
Model Copy $\int 6.9U$

Source: 1 A Model 1

Dest

$\int 1 A Model 1$

$\int 2 A Model 2$

3 H Model 3
```

Press UP or DN to choose the model you want to be copied as source model and press ENT to confirm, The serial No. and model name of Source Model will be shown as the left Illustration.



Press UP or DN to move the cursor→to point to select the model you want to be copied as source model and press ENT to confirm, The serial No. and model name of Source Model will be shown as the right Illustration. Then press UP or DN to locate the source model, press ENT to confirm. Then an enquire "Are you sure?" is popped up as Illustration. Press ENT to copy, or press EXT to exit.



#### 2.4 Model wireless copy

The model data between two DEVO F7 equipments can be wirelessly copied via Model Transmit and Model Receive in Model Menu.

#### (1) Model Transmit

Setting: Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→to point to Model Transmission, press ENT to Model Transmission setting interface.

Model Transmit ↓ 6.9V

→ ▶ 1 A Model 1

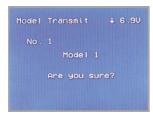
2 A Model 2

3 H Model 3

4 H Model 4

5 H Model 5

Press UP or DN to choose the source model which will be transmitted, and press ENT to confirm, an enquiry information "Are you sure?" will be shown as below Illustration. Press ENT to confirm and EXT to exit.



```
Model Transmit ↓ 6.9U

No. 1

Model 1

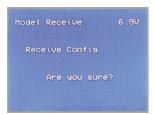
Transmitting ....

>>>>>>>>>
```

Press ENT to transmit, "Transmitting ......" appears in the interface. Or press ENT to confirm. Press EXT to exit after another DEVO F7 received the data.

#### (2) Model Receive

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→to point to Model Receive, press ENT to Model Receive setting interface. An enquiry information "Are you sure?" will be shown as below Illustration.



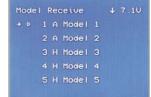


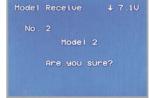
Press ENT to receive, "Connecting ......" and "Receiving ......" will be shown in series in the interface.

After Model received the data will enter to the Model save interface. Press UP or DN to move to the cursor→to

point to Model data save position. Press ENT will pop up "Are you sure". Press ENT to save, press EXT to cancel.

Press ENT to confirm and EXT to exit.





#### 2.5 Model Reset

Using the Model Reset function the settings for one or all models can be reset to the factory defaults.

Setting: Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→to point to Model Reset, press ENT again to display to model selection. Use R and L to select "ALL" for all models or the individual model name for a single model reset.



```
Model Reset ↓ 6.9V

→ Model All

▷ 1 A Model 1

2 A Model 2

3 H Model 3

4 H Model 4
```



Press UP or DN to move the cursor → to point to the desired model No and press ENT, an inquiry "Are you sure" will be shown as Illustration.

Press ENT to reset and EXT to cancel. Press EXT after finished.

#### 2.6 Type Select

This transmitter offers a choice of two model types. The options are helicopter and airplane.

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→to point to Type Select, press ENT to Type Select setting interface.

Press UP or DN to move the cursor→to point to helicopter or Airplane option. Press ENT, there is an inquiry shows. Press ENT to select the desired model. If the default model are the desired one. Press ENT and press EXT to exit.

### Type Select 6.9U Helicopter → ▷ Airplane

#### 2.7 Trim System

Trim System is able to finely tune the following terms, 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.

```
Trim System $\int 6.90\\
Elevator \\
Normal \\
Aileron \\
Normal \\
Rudder \\
Normal \
```

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→to point to Trim System, press ENT to Trim System setting interface.

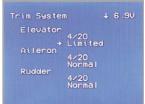
Press UP or DN to move the cursor→to point to the item that need to adjust. Press R+ or L- can change the setup, Maxium is 20.

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.

Press EXT to exit after finished





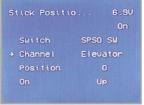
#### 2.8 Stick Position Switch

According to the following setting, the stick can be used as a switch. The turn-on or turn-off position at which stick stays can also be settable.

Method for setting:

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→to point to Stick Position Switch, press ENT to Stick Position Switch setting interface.





There are four options under the Stick position switch: SPS0, SPS1, SPS2, SPS3. Press UP or DN to move the cursor→to point to switch option. Press R or L to choose the switch you want to define.

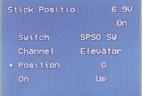
Press UP or DN to move the cursor→to point to the channel option. There are Inhibit and channel options.(Default setting inhibit)

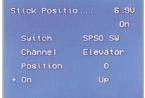


The channel includes four items: Elevator, Aileron, Throttle and Rudder. The factory default is inhibit. Take Elevator for example.

Press R or L to choose the Elevator as stick, and then press DN to move the cursor→to point to value of position. It's possible to adjust the stick position via pressing R or L.

Press UP or DN to move the cursor→to point to On option. And then press R+ or L- to change the ON status of stick postion Press EXT after finished.

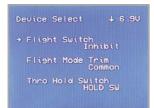




#### 2.9 Device Select

This setting can help you configure various functional switches. It includes Flight Mode switch, Flight Mode trim, Throttle Hold Switch and Flap Switch select.

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→to point to Device Select, press ENT to Device Select setting interface.



#### (1) Flight Mode Switch

Press UP or DN to move the cursor→to point to Flight Switch items and press R or L to select the desired switch. There are FMOD SW, MIX SW. The factory default setting is Inhibit.

#### (2) Flight Mode Trim

There are two modes: Common and Flight Model. In common mode all the trim values, to which various sticks are relative, put equally effects

on all the flight modes. In Flight Mode, the Trim values to which each stick is relative put, respectively, effect on the corresponding stick. The factory default is Common.

Press UP or DN to move the cursor→to point to Flight Mode Trim, press R or L to select Common or Flight Mode. The factory default is Common.

(3) Throttle Hold Switch

Refer to (1) Flight Mode Switch.

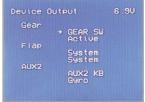
(4) Flap Switch Select

Refer to (1) Flight Mode Switch. After finished the setting, press EXT to exit.

#### 2.10 Device Output

Device output can set up the output switches respectively. It can also activate, inhibit or use other functions. The switchs include: FMOD SW, MIX SW, D/R SW, HOLD SW, GEAR SW, TRN SW, SPS0, SPS1, SPS2, SPS3 and AUX2 KB.

Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→to point to Device Output, press ENT to Device Output setting interface. There are 3 settings: Gear, Flap, AUX2.



#### (1) Gear

Press UP or DN in Device output interface can change the GEAR Switch. It includes FMOD SW, MIX SW, D/R SW, HOLD SW, GEAR SW, TRN SW, SPS0 SW, SPS1 SW, SPS2 SW, SPS3 SW and AUX2 KB. Press R or L to select the setting switch, The default setting is GEAR SW.



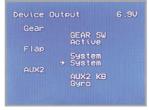


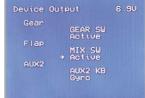
Press UP or DN to move the cursor→to point to Function Setting after you select the switch, press R or L to choose the switch, it inculdes Inhibit, Active, Gyro, Governor The default setting is Activate. You can continue to set other items after finishing.



#### (2) Flap

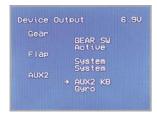
Press UP or DN to move the cursor→to point to Flap, press R or L to select between Active, System and Inhibit. The factory default setting is System. When choose Active, it can be selected as Switch Control. It's possible to change via pressing L to show Flap Output setting.

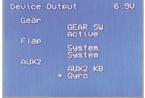




#### (3) AUX2

Press UP or DN to move the cursor→to point to the AUX2 option. Press R or L can change the AUX2 switch. It includes FMOD SW, MIX SW, D/R SW, HOLD SW, GEAR SW, TRN SW, SPS0 SW, SPS1 SW, SPS2 SW, SPS3 SW and AUX2 KB. The default setting is AUX2 KB.





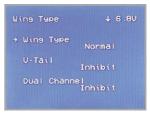
Press UP or DN to move the cursor→to point to Function Setting, press R or L to choose the switch, it inculdes Inhibit, Active, Gyro, Governor. The default setting is Gyro. Press EXT to exit after the setting finished.

#### 2.11 Wing Type

Wing Type is grouped into Nomal, Flaperon, Delta and V-Tail.

#### Wing Type selection:

Press ENT to the Main Menu. Press UP or DN to move the cursor → to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor → to point to Wing Type, press ENT to Wing Type setting interface. Press UP or DN to move the cursor → to point to Wing Type. Press R or L to choose Wing Type. The Wing Type are Normal, Flaperon and Delta.



#### (1) Flaperon

Press R or L to choose Flaperon under Wing Type.

Below is the graphics for the servos location of the Flap and Aileron Type.

