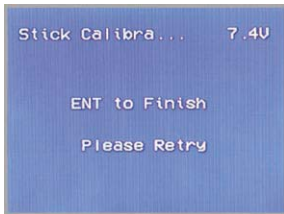


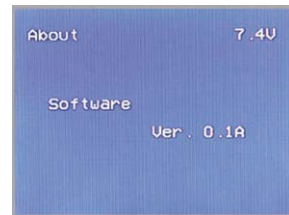
The calibration has failed if press ENT and show the following interface. Please go back to the STMOD sub-menu using EXT and re-start the calibration process. Press EXT to exit after finished.



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.

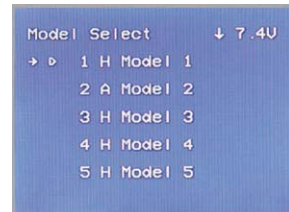


2.0 Model Menu

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, Swash Type, Power Amplifier, Fixed ID and Sensor setting.

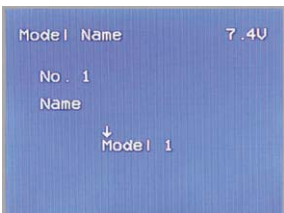
2.1 Model Select

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 Its data can be directly withdrawn in next flights.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.

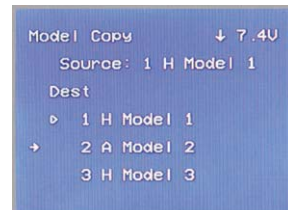
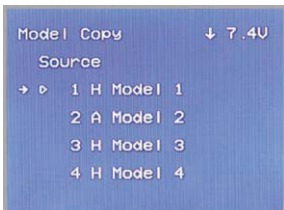


Setting: Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→to point to Model Name, press ENT to Model Name setting interface.

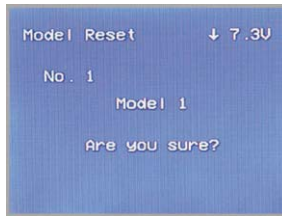
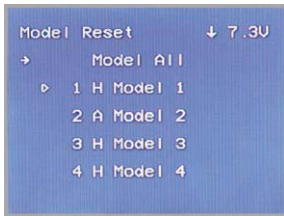
Press UP or DN to move the cursor→to point to select the character and figure which are needed to be changed, press R or L button to change the character and figure, and press UP or DN to set next one. Press EXT to exit after finished.

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.



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 Illustration.



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.

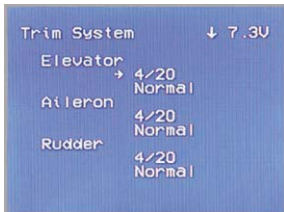
Press ENT to the Main Menu. Press UP or DN to move the cursor→ to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→ to point to Type Select, press ENT to Type Select setting interface.

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.



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.

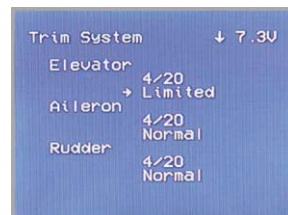
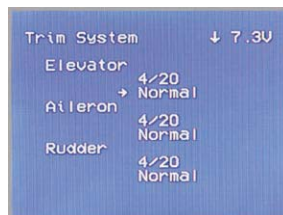


Press ENT to the Main Menu. Press UP or DN to move the cursor→ to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→ to point to Trim System, press ENT to Trim System setting interface.

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.

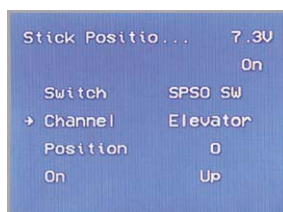
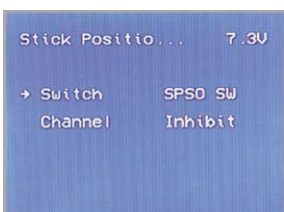


2.8 Stick Position Switch

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:

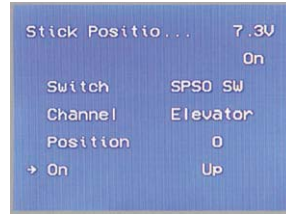
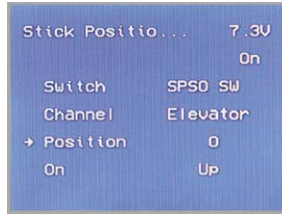
Press ENT to the Main Menu. Press UP or DN to move the cursor→ to point to Model Menu, press ENT to Model Menu; Press UP or DN to move the cursor→ to point to Stick Position Switch, press ENT to Stick Position Switch setting interface.



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.

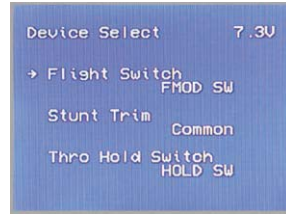
Press R or L to choose the Elevator as stick, and then press DN to move the cursor→to point to value of position. It's possible to adjust the stick position via pressing R or L. Press UP or DN to move the cursor→to point to On option. And then press R+ or L- to change the ON status of stick position. Press EXT after finished.



2.9 Device Select

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

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 Switch

Press UP or DN to move the cursor→to point to Flight Switch option and press R or L to select the desired switch. The factory default setting is FMOD switch.

(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 equal effect on all the flight modes. In Flight Mode, the trim value, each of which stick is corresponding to, puts independent effect on the corresponding stick. The factory default setting is Common. Press UP or DN to choose the Stunt trim select, press R or L to select "Common" or "Flight Mode", the factory default setting is "Common".

(3) Throttle Hold Switch: Refer to "(1) Flight switch" After finishing 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 switches include: FMOD SW, MIX SW, D/R SW, HOLD SW, GEAR SW, TRN SW, SPS0, SPS1, SPS2, SPS3 and AUX2 KB.

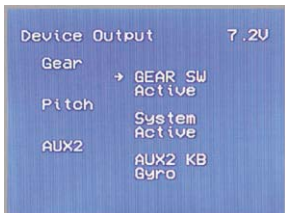
Setting:

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 Device Output, press ENT to Device Output setting interface. There are 3 settings: Gear, Pitch, 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, it includes Inhibit, Active, Gyro, Governor. The default setting is Activate. You can continue to set other items after finishing.

(2) Pitch

Pitch can't be setted by the system.

(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 includes Inhibit, Active, Gyro, Governor. The default setting is Gyro. Press EXT to exit after the setting finished.

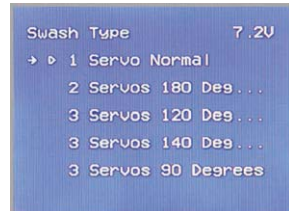
2.11 Swash Type

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

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 Swash Type, press ENT to Swash Type setting interface.

Press UP or DN to choose the required swashplate type. Press ENT to confirm.

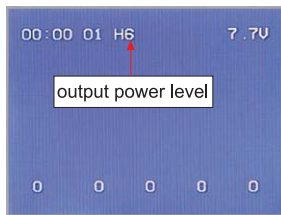
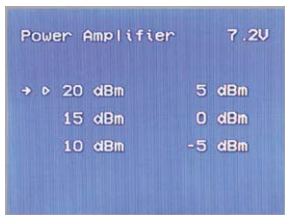
Press EXT to exit after finishing.



2.12 Power Amplifier

The transmission output power of DEVO F7 is adjustable. It is divided into six grades from low to high. 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

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 Power Amplifier, press ENT to Power Amplifier setting interface.



Press UP or DN to move the cursor→to point to the desired output power value and press ENT to confirm. The output power level will also show on the main menu interface see the left illustration:

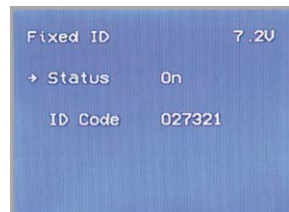
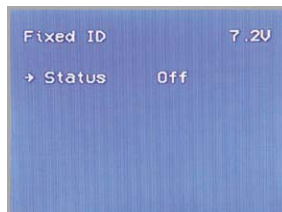
2.13 Fixed ID

Using the Fixed ID function allows users to create a unique relationship between transmitter model data and the corresponding model's receiver. It significantly speeds up the binding process and also prevents mistakenly flying an aircraft with the incorrect transmitter model selected.

(1) Fixed ID setup

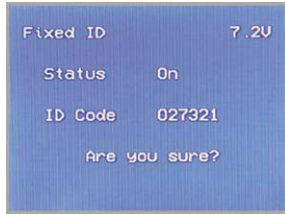
To start the Fixed ID setup it is important that the transmitter and receiver have successfully completed automatic ID binding process. Once the transmitter and receiver are paired a Fixed ID can be set as described below:

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 Fixed ID, press ENT to the Fixed ID setting interface.



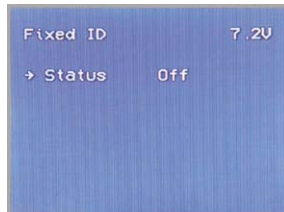
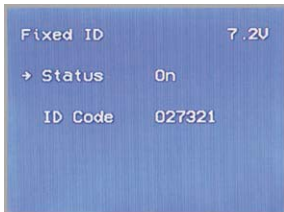
Press R+ or L- to set Status ON, and there is a Random Fixed ID display on the screen. Press DN to move the cursor → to point to ID Code, press ENT to move the cursor → to point to the first code of the Fixed ID.

Press R+ or L- to change the Code; Press DN to move to next Code. Press ENT after finished setting, there is an inquiry "Are you sure? ". Press ENT to confirm and execute the binding process. After finished binding the display will return to the Model Menu automatically.



(2) Cancelling/Resetting the Fixed ID

If you wish to change the receiver Fixed ID model back to random ID, insert the included BIND PLUG into the output terminal BATT before the receiver is powered on. Connect 5V DC power to the Throttle channel. The red LED of the receiver will flash slowly. Remove the BIND PLUG. The Fixed ID code has been cancelled. After the receiver's Fixed ID is reset it should also be reset in the Transmitter.



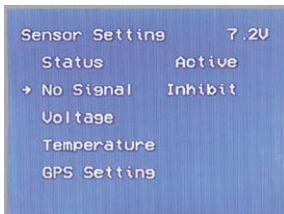
Refer to the instructions of Fixed ID setting above to the following interface. Press UP to move the cursor → to point to Status ON.

When Fixed ID Status ON, press R+ or L- to change ON to OFF. Press EXT to exit.

2.14 Sensor Setting

Setting method: 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 Sensor Setting, press ENT to Sensor setting interface.

Press R or L to select Activate or Inhibit (the default setting is Inhibit), such as press Activate will includes No Signal Warning, Voltage sensor, Temperature sensor, GPS receiver setting etc.



(1) No Signal

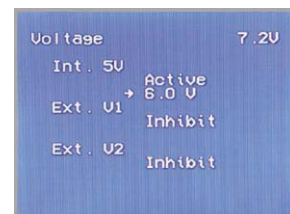
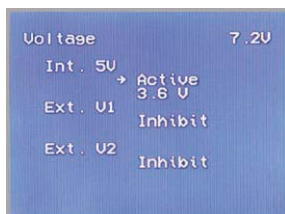
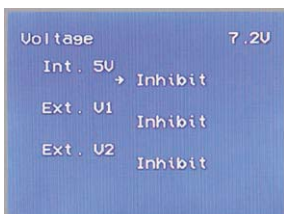
Press UP or DN to move the cursor→to point to No Signal option. Press R or L to choose Inhibit or Active (default setting is inhibit). If you choose Active, the Radio will alarm when telemetry signal lost. see the left Illustration:

(2) Voltage

There are 3 different types of voltage can be measured. It includes Internal 5V, External V1 and V2 which can be monitored two different external voltage(i.e. battery) respectively. Once the measured voltage is lower than the setting value, the Radio will alarm.

(2.1) Receiver 5V(Internal) PFV(Power Feeding Voltage) Alarmed value can be setted as 3.6-6V

Voltage setting: press DN to move the cursor→to point to Voltage option on the Sensor setting interface. Then press ENT to enter the voltage setting interface. Press UP or DN to move the cursor→to point to Int.5V option. Press R or L to activate the 5V, the alarm interface will appear in the interface, please refer to the illustration.

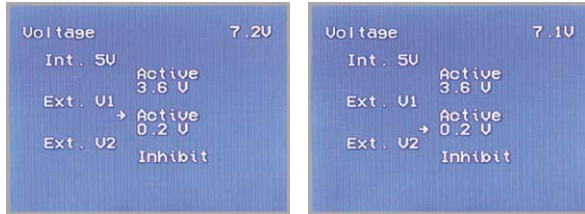


Press UP or DN to select the Alarm Voltage setting option,press R or L to set the value. The range is 3.6-6V. You can continue to set other items after you finished.

(2.2) V1 External V1

Press UP or DN to move the cursor→to point to External V1 setting option. Press R or L to activate the V1, the details refers to the illustration.

Press UP or DN to move the cursor→to point to the Alarm Voltage setting. Press R or L to set the value. The setting range is 0.2~99.9V. You can continue to set other items after you finished.

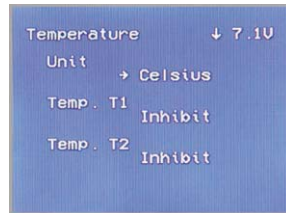


(2.3) External: V2 setting can refer to External V1 setting. Press EXT to back to sensor setting interface to set other options.

(3) Temperature sensor

The temperature sensor can measure up to 4 different temperature(i.e.motors). You can choose Celsius or Fahrenheit. The alarmed value can be setted to 4 different temperature. Once the measured value is higher than the setting value, the radio will alarm. The Alarm Temperature value can be setted as -20~220°C or -4.0~428.0° F.

Temperature Setting:In the Sensor Setting interface, press UP or DN to move the cursor→to point to Temperature Sensor setting option,and press ENT to Temperature setting interface. See the right Illustration.

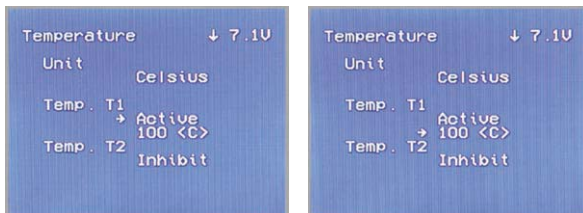


(3.1) Unit

Press UP or DN to move the cursor→to point to Unit setting option,and press R or L to choose Unit, two kinds of Unit:Celsius and Fahrenheit.

(3.2) Alarm Temperature settings

Press UP or DN to move the cursor→to point to T1 option, Press R or L to activate the setting. Inhibit will change to Active and Alarm temperature will be shown. If you choose Inhibit, the Alarm temperature value won't be shown.



Press UP or DN to move the cursor→to point to Alarm setting, press R or L to set the alarm temperature value. Press UP or DN to set other items after finishing the setting.

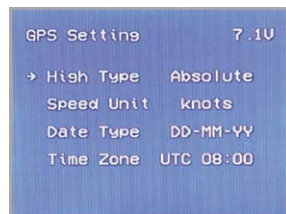
(3.3) T2,T3,T4 setting

Refer to the step of "T1".

(4) GPS Setting

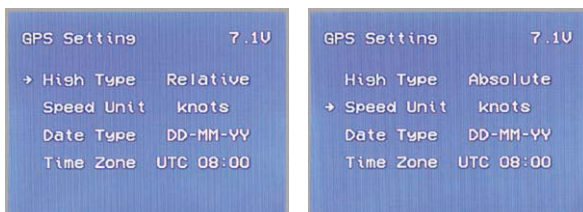
There are 4 items including Altitude Type, Speed Unit, Date Type and Time Zone in the GPS receiver setting interface.

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 Sensor Setting, press ENT to Sensor setting interface; Press UP or DN to move the cursor→to point to GPS Setting, press ENT to GPS setting interface.



(4.1) High Type

Press UP or DN to select the High type on the GPS setting interface and there are Absolute and Relative two type.

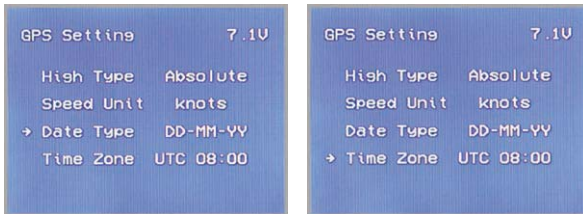


(4.2) Speed Unit

Press UP or DN to select the Speed Unit on the GPS setting interface and it includes knots and km/h and relative. Select the desired item.

(4.3) Date Type

Press UP or DN to select the Date Type on the GPS setting interface and it includes DD-MM-YY,MM-DD-YY and YY-MM-DD. Select the desired item.



(4.4) Time Zone

Press UP or DN to select the Time Zone, press R or L to set the desired Time Zone.

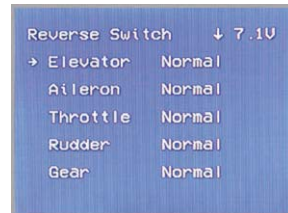
3.0 Function Menu

The Function Menu allows you to customize the settings for your saved models. This menu includes the following: Channel Reverse Switch, Travel Adjust, Sub Trim, Dual Rate and Exponential, Throttle Hold, Throttle Curve, Mix to Throttle, Gyro Sensor, Governor, Swash Mix, Pitch Curve, Program Mix, Monitor, Fail Safe, Sensor View,Trainer and Timer. Total 17 settings.

3.1 Reverse Switch

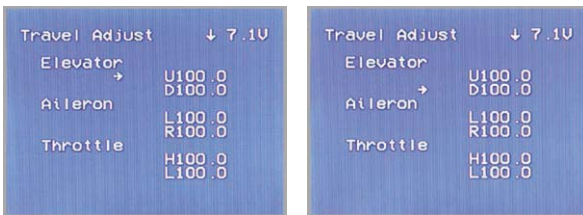
Press ENT to the Main Menu. Press UP or DN to move the cursor→to point to Function Menu, press ENT to Function Menu; Press UP or DN to move the cursor→to point to Reverse Switch, press ENT to Reverse Switch setting interface.

Press UP or DN to move the cursor→to point to ELEV(take Elevator for example), Press R or L to shift the status between normal and reverse. These are two status for option. And the default setting is Normal. All Channels Reverse Switch like: Aileron, Throttle, Rudder, Gear, Pitch, and Aux2 can be referred to the way of ELEV Reverse Switch. And press EXT to exit after setting finished.



3.2 Travel Adjust

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 Travel Adjust, press ENT to Travel Adjust setting interface. The interface display a channel's servo travel value status.



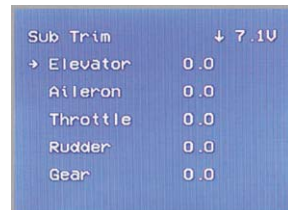
Press UP or DN to move the cursor→to point to "Elevator's U" setting (ELEV is used in the example), press R+ or L- key, can set the travel value while the Elevator towards up . The adjustment range :0.0-150.0%. Factory default setting :100.0%.

Press UP or DN to move the cursor→to point to "Elevator's D" setting, press R+ or L- key, can set the travel value while the Elevator towards down. The adjustment range :0.0-150.0%. Factory default setting :100.0%. The settings for all channels, AILE, THRO, RUDD, GEAR, PITCH and AUX 2 can all be set using this process. Press EXT to exit.

3.3 Sub Trim

NOTE: Sub Trim is used to fine tune the servo neutral position during setup. In order to avoid pushing the servo beyond it's limits and possibly causing damage it is advised to first mechanically adjust the servo arm/bell crank to be as close to the neutral point as possible. Only when this is complete may sub trim be used to make a final adjustment.

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 Sub Trim, press ENT to Sub Trim setting interface.



Welcome to use the DEVO F7 transmitter

The interface display a adjustable channel's name and adjustable data project. Press R+ or L- can adjust the fine tune the servo neutral position. Press UP or DN can select the channel you wish to set. Every Channel default setting value is 0.0%. The adjustment ranges are as below:

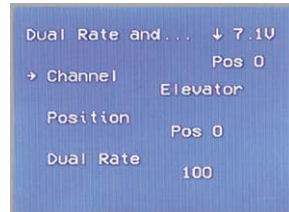
Channel name	Adjustment range	Channel name	Adjustment range
Elevator	D62.5%~U62.5%	Gear	-62.5%~+62.5%
Aileron	R62.5%~L62.5%	Pitch	L62.5%~H62.5%
Throttle	L62.5%~H62.5%	AUX2	-62.5%~+62.5%
Rudder	R62.5%~L62.5%		

Press EXT to exit.

3.4 Dual Rate and Exponential

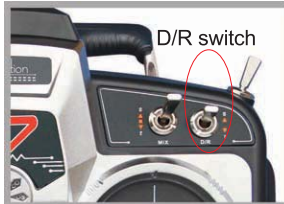
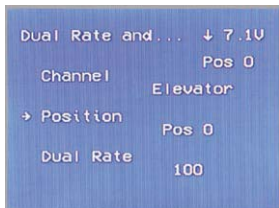
After finishing this setting , you can use D/R switch to control ELEV, AILE and RUDD ,the setting range is: 0-125%. Use exponential curve trimming at the same time you can adjust the desired settings. The automatic setting is available too. The D/R and exponential switches can be switch after pull "flight mode" stick up and down

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 Dual Rate and Exponential, press ENT to Dual Rate and Exponential setting interface.



(1) Channel

Press UP or DN to move the cursor→to point to Channel setting, press R+ or L- key, can set the Channel as follows : ELEV, AILE and RUDD ect.

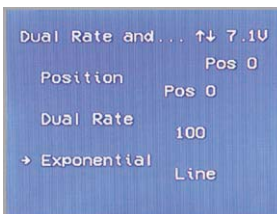
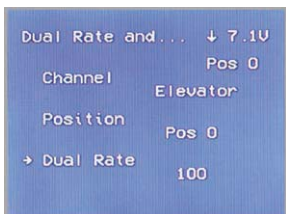


(2) Position

Press UP or DN to move the cursor→to point to Position setting, Use the corresponding D/R switch to set D/R and exponential function. The available positions are POS0 and POS1. ELEV is shown in the following example. Use ELEV D/R switch to select the position you wish to change.

(3) Dual Rate

Press UP or DN to move the cursor→to point to Dual Rate setting, press R+ or L- key, can set the "Position" dual rate value. The default setting is 100%.

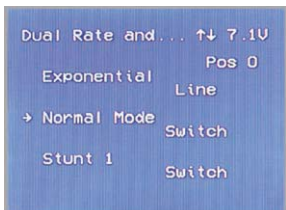


(4) Exponential

Press UP or DN to move the cursor→to point to Exponential setting, press R+ or L- key, can set the "Position" Exponential value . there are ±100% and LINE three settings available.

(5) Automatic setting

Under 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. There are Normal , Stunt 1 , Stunt 2 and Throttle Hold settings available. The Throttle Hold setting need to "Active" (refer to 3.5 Throttle Hold settings).



(5.1) Normal Mode

Press UP or DN to move the cursor→to point to Normal Mode setting, press R+ or L- key, can set the position or switches. Selected "Switch" for corresponding D/R switches settings and selected "Postion" can switch "(3) Dual rate and exponential settings" and "(4) exponential setting" according to different flight mode. There are Switch Pos 0, Pos 1, Pos 2 and Pos 3 settings available.

(5.2) Stunt 1 , stunt 2 and Throttle Hold settings please refer to above Normal Flight settings.

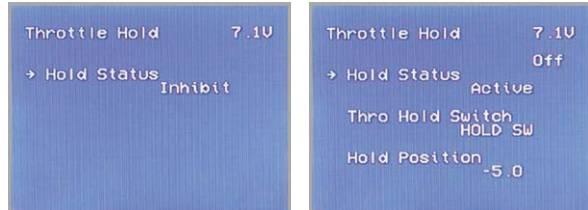
Press EXT to exit.

3.5 Throttle Hold

If the throttle hold function is activated in the function settings menu, it can be operated by the Throttle Hold switch. The permitted setting range is from -20.0% to 50.0%. The default setting is INH (inhibited).

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 Throttle Hold, press ENT to Throttle Hold setting interface.



Press R+ or L- key active Throttle Hold function. There are Throttle Hold Status , Throttle Hold Switch and Throttle Hold Position three settings available.

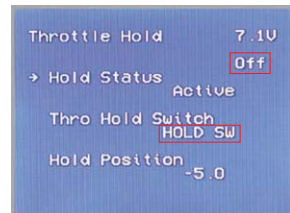
(1) There two status of Throttle Hold : “Inhibit” and “Active” . The factory default setting is “Inhibit”.

(2) Throttle Hold Switch setting

This function can't be set, the factory default setting is “HOLD SW”. The status always be “HOLD SW”.see the right Illustration:

(3) Throttle Hold Position setting

Press UP or DN to move the cursor→to point to Hold Position setting option, Press R+ or L- adjust the data, the MIN Value:-20.0%; MAX Value:+50.0%.



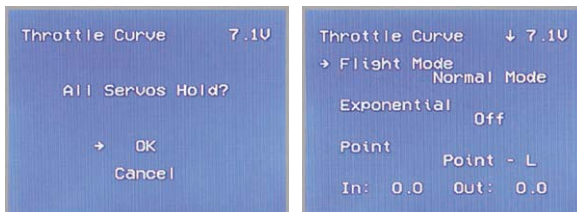
When Throttle Hold switch “Active”, the throttle holded in the “Throttle Hold position” setted position. When Throttle Hold Switch “Inhibit”, the throttle hold status released.

Press EXT to exit.

3.6 Throttle Curve

The Throttle Curve adopted 7 points adjustment , every flight mode's throttle Curve can be set separately. Flight mode have Normal flight , Stunt flight 1, Stunt flight 2.

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 Throttle Curve, press ENT to Throttle Curve setting interface. see below Illustration:



The interface of Throttle Curve will pop up “All servos Hold?” inquire, if you choose “OK” every servo will hold at current position, if you choose “Cancel” every servo won't be hold.

(1) Flight Mode

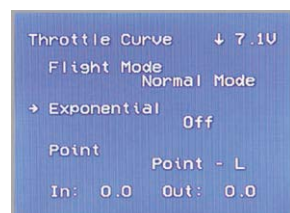
There are 3 flight mode, Normal mode , Stunt 1, Stunt 2 , each of the settings can be set separately.

Setting Method:

Press UP or DN to move the cursor→to point to Flight Mode setting. Pull flight mode switch, the settings will be changed according to corresponding current flight mode. After finished that you can set the current flight mode's Curve parameter settings.

(2) Exponential curve setting

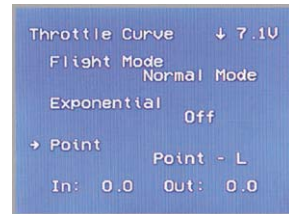
Press UP or DN to move the cursor→to point to “Exponential” setting. Press R or L can set ON and OFF. The throttle curve will being changed smoothly if select ON. Select OFF if not need then the throttle curve will be shown as a line. see the right Illustration:



(3) Curve setting: Including “Point” and “Output”

(3.1) Point setting

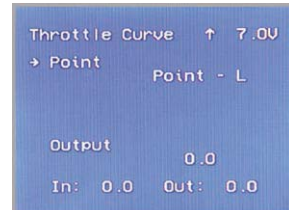
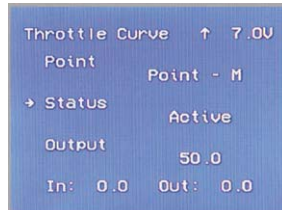
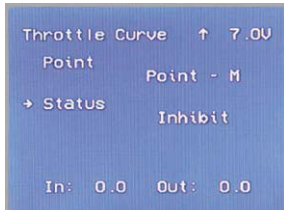
Press UP or DN in Throttle Curve interface to select Points setting. Press R+ to expand a list including seven points: "Point-L", "Point-1", "Point-2", "Point-M", "Point-3", "Point-4" and "Point-H".



(3.2) Status setting

After above setup, press DN to select Status setting, press R+ or L- to set Inhibit or Active. Select Inhibit if keeping the current value (the default setting is Inhibit). Select Active for changing the above points' value.

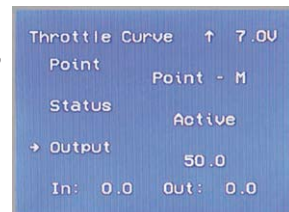
Note: After select Point L or Point H , the status setting won't be display.



(3.3) Output setting

There is a expand item "Output" after select Status Active, press DN to select 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.

Press EXT to exit.

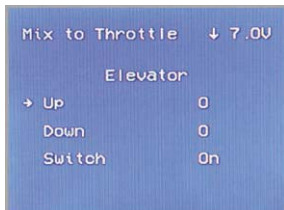


3.7 Mix to Throttle

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

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 Mix to Throttle, press ENT to Mix to Throttle setting interface. see below Illustration:



There are three settings: elevator, aileron and rudder. If the item of Channel is shown as Elevator, there are UP, DOWN and Switch in the interface. If the item of Channel is Aileron or Rudder, the contents in the said interface will be changed into Left, Right and Switch. Take the example of Channel set as Elevator to illustrate the setting method.

(1) Up setting

In the Mix to throttle interface, press UP or DN to select UP item. Press R+ or L- to increase or decrease the mix amount when moving the throttle stick upwards. The bigger the amount is, the bigger the mix to throttle will be. Change the amount from "+" to "-" for the throttle mix direction Reversing. The adjustable range is ±125%.

(2) Down setting

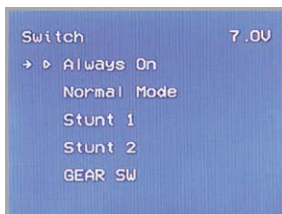
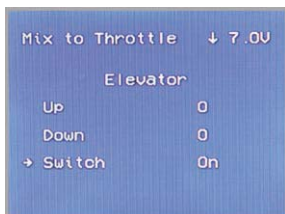
In the interface of Mix to Throttle, press UP or DN to select Down item. Press R or L to increase or decrease, respectively, the mix amount when moving the throttle stick downwards. The bigger the amount is, the bigger the mix to throttle will become. Change the amount from "+" to "-" for the throttle mix direction Reversing. The adjustable range is ±125%.

(3) Switch Selection

In the interface of Mix to Throttle, press UP or DN to select Switch item. Press ENT expand the Switch setting interface. see below Illustration.

Press UP or DN to select Switch item, press ENT to confirm. There are Always on, Normal Mode, Stunt1, Stunt2 and Gear SW etc settings. After setting finished, press EXT to back to MIX to Throttle interface. Aileron or Rudder can be set via pressing DN.

(4) The setting of Aileron or Rudder, and Mix to Throttle can be referred to Elevator setting.



Press EXT to exit.

Note:

(1) Before the flight, please confirm: All above amount of mix to throttle is proper enough to offer a good flight. And make sure all the actions in different flight mode are normal.

(2) The function is in spare when governor is working.

3.8 Gyro Sensor

This function supply the GYRO sensitivity adjustment, both through switch 'MIX' to Manual and "Flight Mode" Automatic switch different sensitivity

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 Gyro Sensor, press ENT to Gyro Senso setting interface. see the right Illustration:



(1) Manual Setting

(1.1) Manual Setting

In the Gyro Sensor interface, press UP/DN to choose "Gyro Mode" project set, press R+/- to selectable set ("Manual set" and "Automatic set").Then choose "Manual" option.

(1.2) Channel

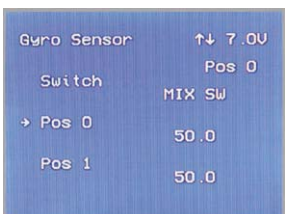
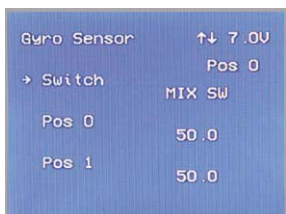
The original channel is "AUX2", if you want to change to other channels control, you can choose from "Device Output" set. (refer to "2.10 Device Output").

(1.3) Switch

In the Gyro Sensor interface, press UP/DN to choose "Switch" project set, press R+/- to selectable sets "FMOD SW", MIX SW, D/R SW, HOLD SW, GEAR SW, totally 5 selectable sets. Choose the Manual control switch.

(1.4) Sensitivity Setting

If choose 3 switches, there are "position 0", "position 1" and "position 2", then set the sensitivity individually; If choose 2 switches, there are "position 0" and "position 1", then set the sensitivity individually.



(1.4.1) position 0

Press UP/DN to choose "position 0", press R/L to increase/decrease value individually. If the GYRO have "NOR" mode and "AVCS" mode, when the value lower than 50%, it is "NOR" mode. the lower of the value is, the bigger of the GYRO sensitivity becomes. The factory default setting is 50%.

(1.4.2) "Position 1", "Position 2" setting method please refer to above "position 0".

(2) Automatic setting

(2.1) Automatic setting

In the Gyro Sensor interface, press UP/DN to choose "Gyro Mode" project set, press R+/- to selectable sets ("Manual set" and "Automatic set"). Then choose "Automatic" option.

(2.2) Channel

The original channel is "AUX2", if you want to change to other channels control, you can choose from "Device Output" set.(refer to "2.10 Device output")



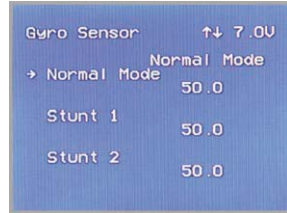
(2.3) Switch: Can't be used in this Automatic Setting.

(2.4) Status

Turn the Switch "Flight Mode" or "Throttle Hold", the status set display present flight mode position. There are "Normal Mode", "Stunt 1", "Stunt 2", "Throttle hold" sets. "Throttle hold" need to Active.(refer to "3.5 Throttle Hold")

(2.4.1) Normal Mode

Press UP/DN to choose "Normal Mode", press R+/L- can increase or decrease the value individually. If the GYRO have "NOR" mode and "AVCS" mode, when the value is lower than 50%, it is "NOR" mode. the lower of the value is, the bigger of the GYRO sensitivity becomes. The factory default setting is 50%.



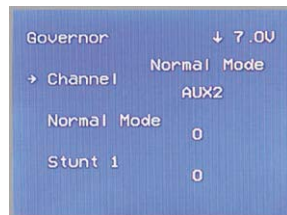
(2.4.2) "Stunt 1", "Stunt 2", "throttle hold" settings refer to "Normal Mode".

Press EXT to finish.

3.9 Governor

Before setup this function, "Governor" should be set and activated in "Device Output" interface(Refer to 2.10 Device Output). It is possible to set Governor control rate in various flight modes separately. Please setup the Governor for the desired rotation speed. The transmitter display data is only for percentage reference. The real rotation speed refer to Governor.

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 Governor, press ENT to Governor setting interface. see Illustration:

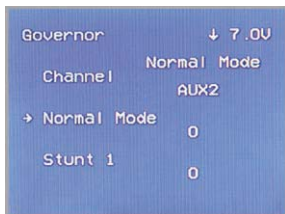


The status and Channel will display in the interface. Press UP/DN can see the "Normal Mode", "ST1", "ST2", "Throttle Hold"(need to be Active. Please refer to 3.5 Throttle Hold).

(1) Status

Pull the Flight Mode or Thottle Hold switch, the status display present flight mode position. There are "Normal Mode", "ST1", "ST2", "Throttle Hold" and so on. "Throttle hold" need to Active that can effect(refer to "3.5 Throttle Hold").

(2) Channel: displaying in "2.10 Device Output" have set the Channel.(refer to 2.10 Device Output)



(3) Normal Mode

Press "UP/DN" to choose the "Normal Mode" set, press R+/L- to increase/decrease the value. The factory default value is 0%.

(4) The method to set "ST1", "ST2", "Throttle Hold" refer to "Normal Mode".

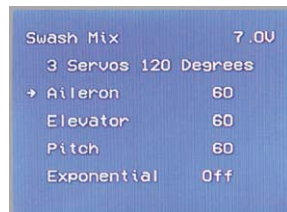
Press EXT to exit.

3.10 Swash Mix

This function, which can be executed through flight mode, is used for amending the variation caused by swashplate movement, when the aileron or elevator is working.

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 Swash Mix, press ENT to Swash Mix setting interface. The "Swash Mix" item is only effected after choose the two or more servos in "2.11 Swash Type". Take the third servo 120° as an example. see the right Illustration:



(1) Swash Type

The item will show the current swash type if choose the two or more servos in "2.11 Swash Type". the choosed Swash Type is the 3 servos 120 Degrees.

(2) Aileron

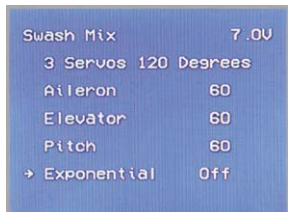
In the interface of Swash Mix, press UP or DN to choose Aileron Setting item. Press R+ button to increase the rate and L- to reduce. If reversed direction, it is available to chang through the "+" or "-" mark. The adjustable rate is ±125%. After finish the settings, press DN to set others.

(3) Elevator

The function is based on the three or more servos which is choosed(refer to the 2.11 Swash Type).The setting method is same as above.

(4) Pitch

The function is based on the two or more servos which is choosed(refer to the 2.11 Swash Type). The setting method is same as above.

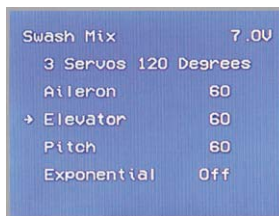


(5) Exponential

This function can execute the exponential changes, which are set at Dual Rate and Exponential in Function Menu when it is started. If Off is selected, the exponential curve will be changed into straight line.

Setting method:

Press UP or DN until cursor point to Exponential to expand two options: Off and On, the default setting is Off. On is recommended. Press EXT to finish.

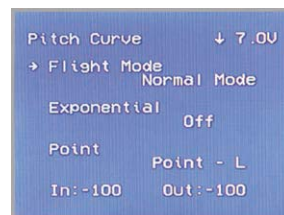
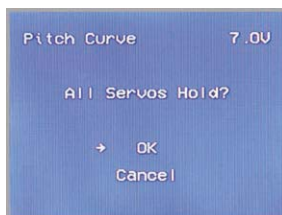


3.11 Pitch Curve

Pitch curves are adjusted through 7 points, which of all the flight modes can be respectively set. There are "Normal Mode", "Stunt 1", "Stunt 2" and "Throttle hold" 4 flight modes. "Throttle hold" need to Active that can effect,(refer to "3.5 Throttle Hold")

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 Pitch Curve, press ENT to Pitch Curve setting interface, see Illustration:

The interface of Pitch Curve will pop up "All servos Hold?" inquire, if you choose "OK" every servo will hold at current position, if you choose "Cancel" every servo won't be hold.



(1) Flight Mode

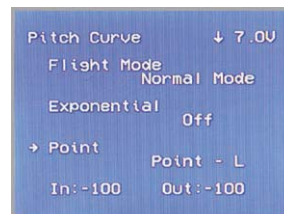
Press UP or DN to enter the Flight Mode at the interface of Pitch Curve, and then move the switch of Flight Mode, the state of flight mode will be shown. The Pitch Curve can be set at the current state. There are "Normal Mode", "Stunt 1", "Stunt 2" and "throttle hold" 4 flight modes. "Throttle hold" need to Active that can effect.(refer to "3.5 Throttle Hold") The "Normal Mode" is made as an example for your reference.

(2) Exponential

Press UP or DN to choose the setting item of Exponential .There are ON or OFF option when you press the R+ or L- buttons. The Exponential will become round if the ON button is choosen. If you don't adjust the Exponential Funtion, then choose OFF button.

(3) Curve setting: Press UP or DN to choose the Point setting item.

Press UP or DN to move the cursor→to point to "Point" in the Pitch curve interface, press R+ can select seven points for selection. There are Point L, Point 1, Point 2, Point M, Point 3, Point 4, Point H.



(3.1) Status setting: (Point L or Point H won't be display "Status".)

After finished above settings, Press DN to move the cursor→to point to "Status", press R+ or L- can set curve as "Inhibit" or "Active". The factory default setting is Inhibit, if you want to change the data, please select Active.

