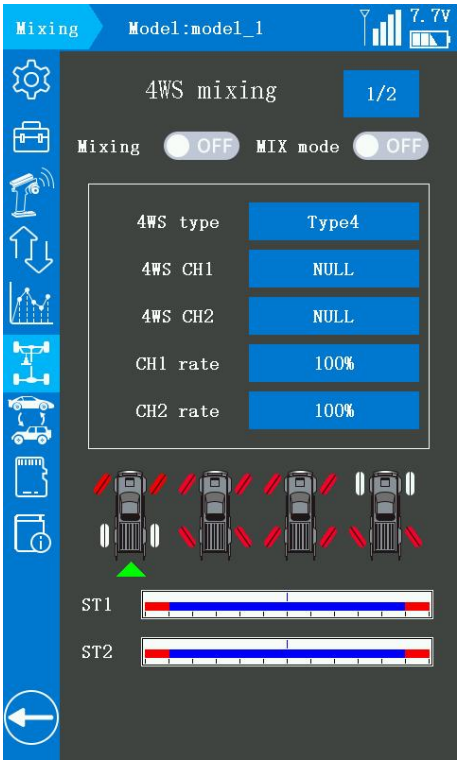
Type3: switching from front side only, front side normal but rear side reverse phase, and the front and rear keep the same phase

Type4: switching from front side only, front side normal but rear side reverse phase, the front and rear keep the same phase, and rear side only

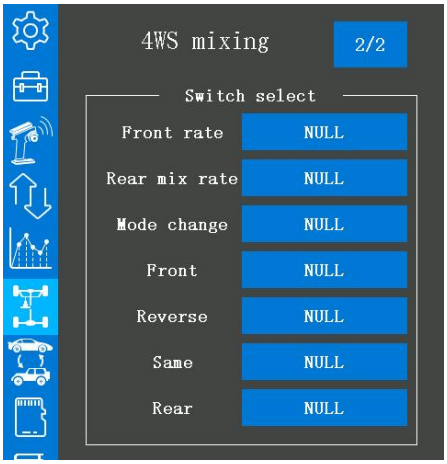


4WS CH1/CH2: CH1 to CH8 can be selected to control the steering servo of the car.

CH1/CH2 rate: to set the front rate or rear rate, the initial value is 100%, -120% to 120% can be selected. Both CH1 and CH2 rate set positive or negative value, the front and rear steering will keep move the same direction, while if the CH1 rate set the positive value and the CH2 rate set the negative value, the front steering and the rear steering will move the opposite direction.

4WS mixing 2/2

Click 1/2 at the top right corner to switch the setting menu from 4WS mixing type and rate setting menu to the 2/2 4WS mixing switch select menu.



Front rate: DT1/DT2/DT3/DT4/DL1 can be set to decrease or increase the value of front rate, select “NULL” indicate that this function is not enabled.

Rear mix rate: DT1/DT2/DT3/DT4/DL1 can be set to decrease or increase the value of rear mix rate, select “NULL” indicate that this function is not enabled.

Mode change: PS1/PS2/PS3/PS4/PS5/Steering/Trigger can be selected to switching the four 4WS types (front side only, front side normal but rear side reverse phase, the front and rear keep the same phase, and rear side only).

Front/Reverse/Same/Rear:PS1/PS2/PS3/PS4/PS5/Steering/ Trigger can be selected to trigger the 4WS type, select “NULL” indicate that this function is not enabled. For example: if set the Front switch is PS2, when press the PS2, the 4WS type will switch to the type that front side only from other types.

Setting steps: turn on the RC8X into home page, click the button  at the left bottom of RC8X into System menu, click  into Mixing menu, click the blue select box named 4WS mixing into the menu to set it.

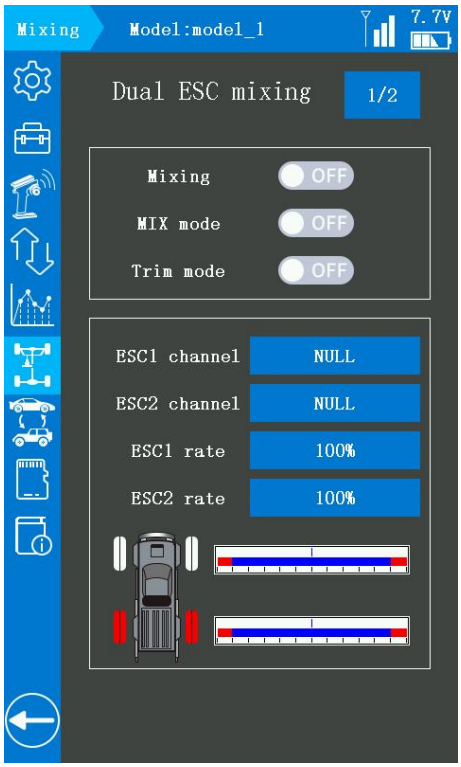
2.6.5 Dual ESC mixing

This function is mixing two ESCs used with crawlers and other 4WD type vehicles and uses channel 2 to control the rear motor and an auxiliary channel to control the front motor.

DT1/DT2/DT3/DT4/DL1 can be set to switch from front-drive only, rear-drive only, and both front and rear drive (4WD), or select one of the buttons PS1/PS2/PS3/PS4/PS5/Steering/ Trigger to trigger one of the Dual ESC types.

Trigger ratio is suggested to set as Forward 50: Brake 50.

Dual ESC mixing 1/2



Mixing: The button at the right of "Mixing" is OFF, and the background color of the select box is grey, indicating that the Dual ESC mixing function is turn off. The button at the right of "Mixing" is ON, and the background color of the select box is blue indicating that the Dual ESC mixing function is turn on.

MIX mode: The button at the right of "MIX mode" is OFF, and the background color of the select box is grey, indicating that the EXP function of the channel2 and other settings are not mixed. The button at the right of "MIX mode" is ON, and the background color of the select box is blue, indicating that the EXP function of the channel2 and other settings are mixed.

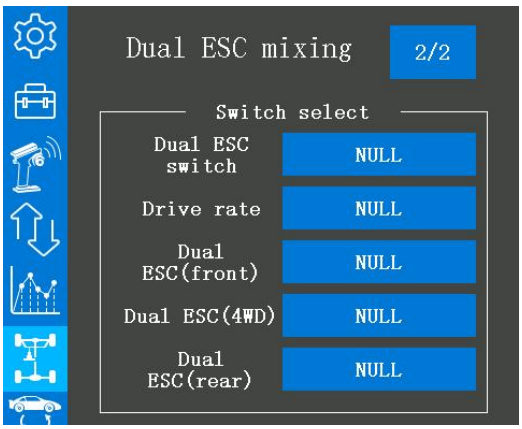
Trim mode: The button at the right of "Trim mode" is OFF, and the background color of the select box is grey, indicating that the trim of the channel2 is not mixed. The button at the right of "Trim mode" is ON, and the background color of the select box is blue, indicating that the trim of the channel2 is mixed.

ESC1 channel/ESC2 channel: set the controlled channel for ESC1/ESC2, channel1 to channel 8 can be selected.

ESC1 rate/ESC2 rate: Adjust the front and rear motor controller operation amount by click "+" and "-", by pressing the button "+" to adjust the rate of ESC2 and by pressing the button "-" to adjust the rate of ESC1 when both the value of ESC1 and ESC2 are 100% (the initial value). Only one of the ESC rates can lower than 100%, for example, if the ESC1 rate is 90% and the ESC2 rate is 100%, you press the button "+" will make the rate of ESC1 increase to 100% first and then decrease the rate of ESC2.

Dual ESC mixing 2/2

Click 1/2 at the top right corner to switch the setting menu from Dual ESC mixing mode, rate, channel setting menu to the 2/2 Dual ESC mixing switch select menu.



Dual ESC switch: DT1/DT2/DT3/DT4/DL1 can be set to switch the Dual ESC (front) and the Dual ESC (rear), select "NULL" indicate that this function is not enabled.

Drive rate: the same function as ESC1 rate/ESC2 rate in the **Dual ESC mixing** 1/2 menu. DT1/DT2/DT3/DT4/DL1 can be set to adjust the Dual ESC ratio, select "NULL" indicate that this function is not enabled.

Dual ESC (front)/Dual ESC (4WD)/Dual ESC (rear): PS1/PS2/PS3/PS4/PS5/Steering/Trigger can be selected to trigger one of the Dual ESC types, select "NULL" indicate that this function is not enabled.

As this function drives 2 separate motors simultaneously, a mutual load will be applied. Use this function carefully so that the motors are not damaged.

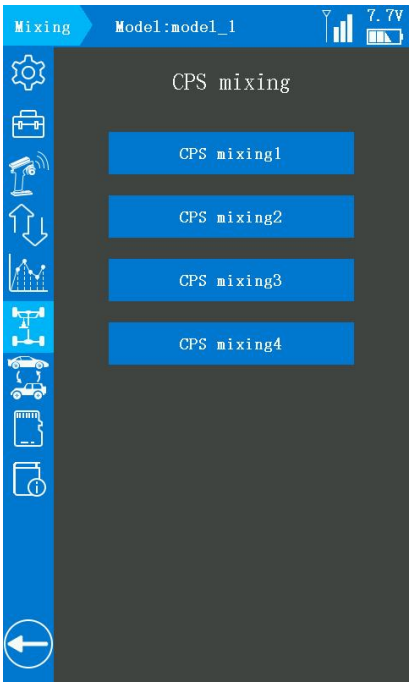
Radiolink will not be responsible for motor controller, motor, and other vehicle trouble due to the use of this function.

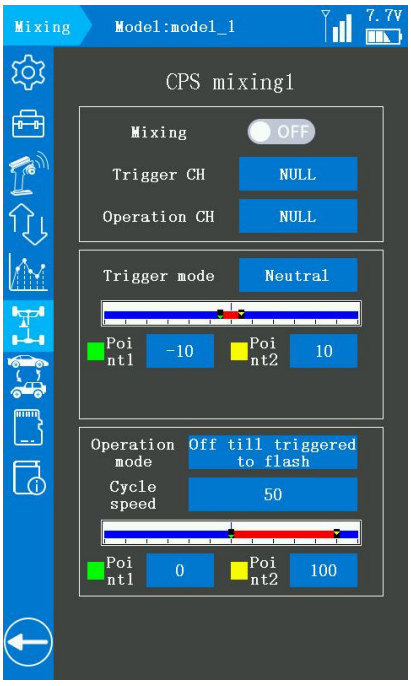
Setting steps: turn on the RC8X into home page, click the button  at the left bottom of RC8X into System menu, click  into Mixing menu, click the blue select box named Dual ESC mixing into the menu to set it.

2.6.6 CPS mixing

This function can set a switch (including steering wheel and throttle trigger) to trigger the LED turn on or turn off. Channel 1 to channel 8 can be set as the trigger channel or operation.

If the CPS mixing function is on, and select the steering wheel or throttle trigger as the trigger switch, then the LED will turn on, turn off, or blink when steering or push or pull the trigger. The blink speed and trigger mode can be customized.





CPS mixing1/2/3/4

Mixing: The button at the right of “Mixing” is OFF, and the background color of the select box is grey, indicating that the CPS mixing function is turn off. The button at the right of “Mixing” is ON, and the background color of the select box is blue, indicating that the CPS mixing function is turn on.

Trigger CH: set the channel as the trigger channel to turn on or turn off the CPS mixing function. Channel 1 to channel 8 can be selected.

Operation CH: the channel to connect the light, channel 1 to channel 8 can be selected. When press the switch that controlled the light trigger channel, the light or turn on or turn off. The operation channel can set same channel as the trigger channel.

Trigger mode: Neutral, Left, Right, Both sides, PS switch can be selected according to the trigger switch you have set.

Point1/2: the rudder amount to trigger the light turn on or turn off.

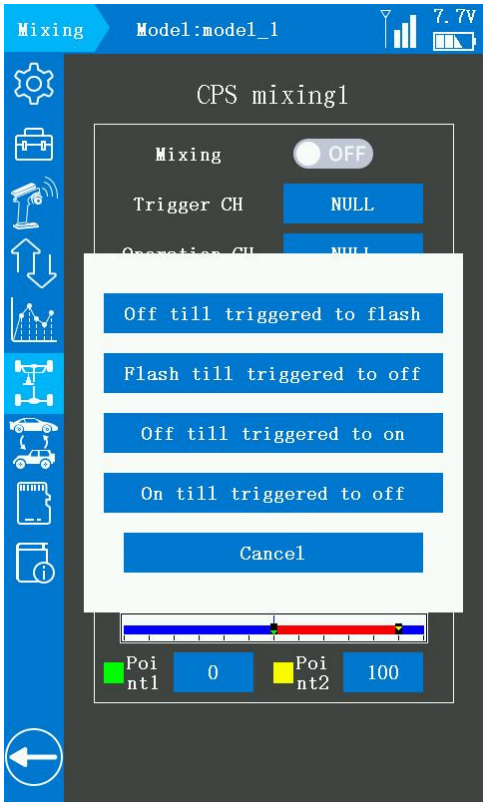
Operation mode: off till triggered to flash, flash till triggered to off, off till triggered to on, and on till triggered to off can be selected.

Off till triggered to flash: the LEDs will keep off till the trigger switch reach the point value you have set that trigger the LEDs flash. The LEDs will keep flash until you trigger the LED to off.

Flash till triggered to off: the LEDs will keep flash till the trigger switch reach the point value you have set that trigger the LEDs off.

Off till triggered to on: the LEDs will keep off till the trigger switch reach the point value you have set that trigger the LEDs turn on. The LEDs will keep on until you trigger the LED to off.

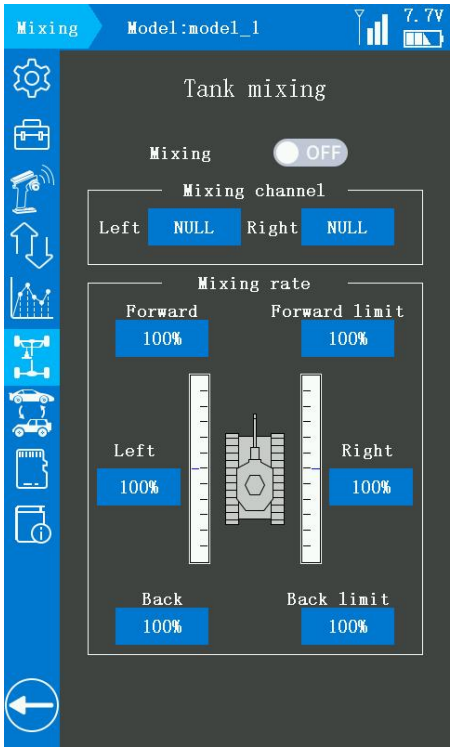
On till triggered to off: the LEDs will keep on till the trigger switch reach the point value you have set that trigger the LEDs turn off.



Cycle speed: When "Operation mode" is set to "Flash", the "Cycle speed" can be set to change the LEDs' flash speed. It defaults 50, 1 to 100 can be selected, the smaller the value, the faster the LEDs flash.

Point1/2: beside make the trigger switch reach the point value you have set (the point value set below the Trigger mode), point 1 and point2 below the "Cycle speed" must set to trigger the LEDs operation. The value of Point1 is default 0 and the value of Point2 is default 100, the absolute value of Point1 plus the absolute value of Point2 do not less than 95. The details value must depend on your LEDs.

Setting steps: turn on the RC8X into home page, click the button  at the left bottom of RC8X into System menu, click  into Mixing menu, click the blue select box named CPS mixing into the menu to set it.



2.6.7 Tank mixing

This function is intended for vehicles such as tanks, etc. It can be used for the pivotal turn or the ultra-pivotal brake turn by operating the steering and the throttle.

Mixing: The button at the right of "Mixing" is OFF, and the background color of the select box is grey, indicating that the Tank mixing function is turn off. The button at the right of "Mixing is ON, and the background color of the select box is blue, indicating that the Tank mixing function is turn on.

Mixing channel: the channels select to connect the left and right motors.

Mixing rate (Forward/Back): is for forward/backward rate

adjustment. The throttle channel and the steering channel operate in conjunction with each other. By operating the trigger to the high side, the car body advances as "Forward rate" while if operate the trigger to the brake side, the car body will backward as the "Back rate".

Mixing rate (Left/Right): is for left/right side rate adjustment. The throttle channel and the steering channel operate in conjunction with each other. When operating the steering wheel to the right, the car body turns to the right at the "Right rate" pivotal turn while when operating to the left, the car will turn to the left at the "Left rate" pivotal turn.

Forward limit/Back limit: It is to limit the maximum operation amount of the throttle channel so that it does not exceed the limit by the influence of the mixing amount.

When steering and trigger are operated at the same time:

① If you manipulate the trigger to the high side and operate the steering wheel to the right, the car body will turn to the right side at the rate of “forward” and “right”.

② If you manipulate the trigger to the high side and operate the steering wheel to the left, the car body will turn to the left side at the rate of “forward” and “left”.

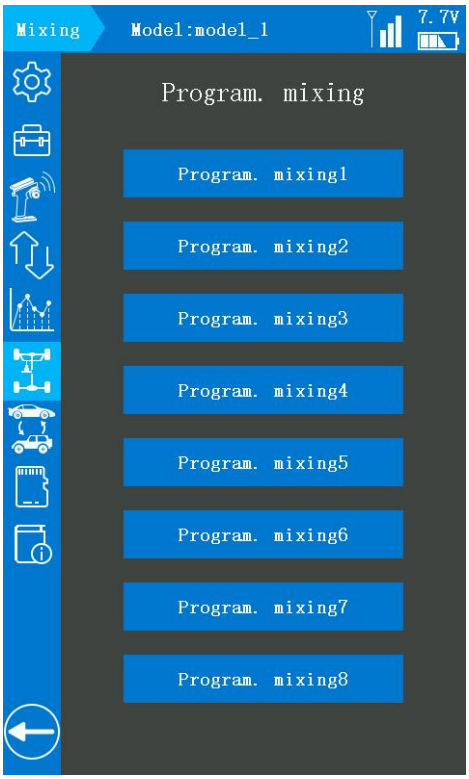
③ Operating the steering wheel while operating the trigger to the brake side will operate the same as the forward side in the reverse direction.

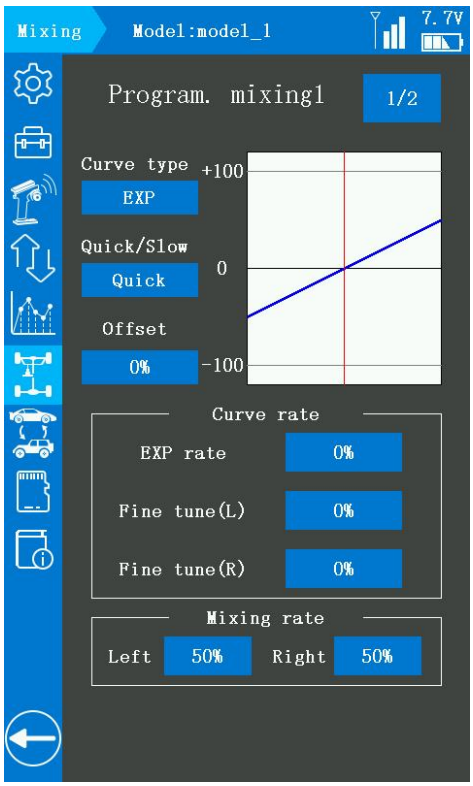
Setting steps: turn on the RC8X into home page, click the button  at the left bottom of RC8X into System menu, click  into Mixing menu, click the blue select box named Tank mixing into the menu to set it.

2.6.8 Programmable mixing

These functions allow you to apply to mix between the steering, throttle, and auxiliary channels.

8 programmable mixings can be selected. The same function for each programmable mixing.





Program. Mixing1 1/2

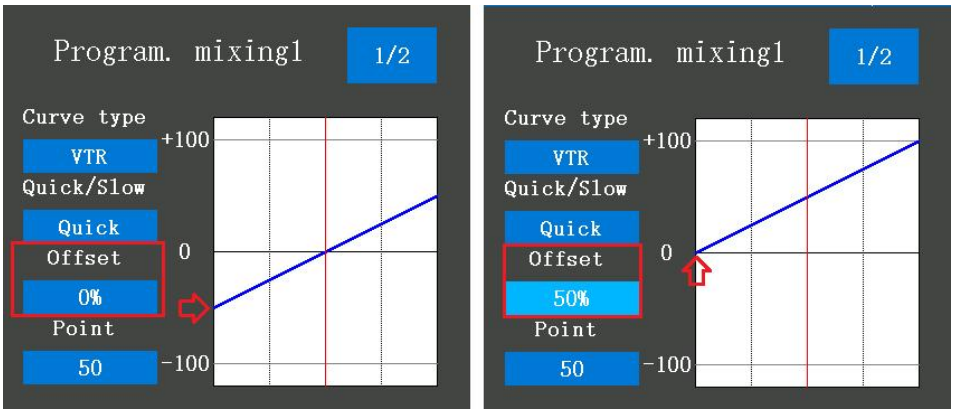
Curve type: EXP curve, VTR curve, Multiple point curve can be selected.

EXP curve:

Quick/Slow: is for the rate of EXP/VTR/Multiple point curve.

0% to 100% indicates the quick EXP/VTR/Multiple point rate, and -1% to -100 indicates the slow EXP/VTR/Multiple point rate. The vertical cursor line moves in conjunction with the changes of the curve rate value.

Offset: The master channel mixing center point (the point that the direction changes) can be offset.



EXP/VTR/Multiple point curve rate: The initial value is 0%, -100% to 100% can be selected.

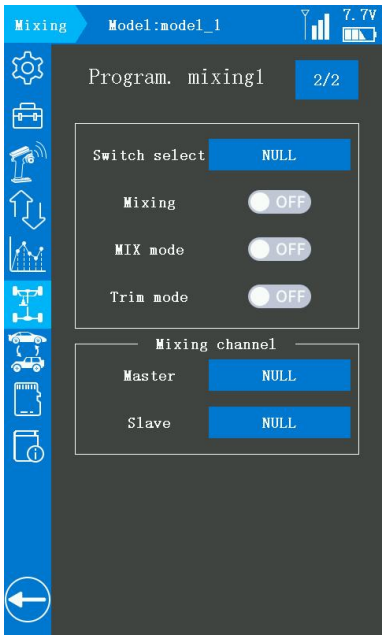
Fine tune(L)/(R): To set the right and left steering curves separately. The initial value is 0%, -200% to +200% can be selected.

EXP curve, VTR curve, Multiple point curve mixing can be set from master channel to slave channel. For details on how to set each curve, please refer to: 2.5.1 Steering curve and 2.5.2 Throttle curve.

Mixing rate:

Left: for left, forward or upside mixing amount adjustment. The initial value is 50%, -120% to 120% can be selected.

Right: for right, brake or down side mixing amount adjustment. The initial value is 50%, -120% to 120% can be selected.



Program. Mixing1 2/2

Click 1/2 at the top right corner to switch the first programmable mixing setting page to the second programmable mixing setting page.

Switch select: PS1/PS2/PS3/PS4/PS5/Steering/Trigger can be selected to turn on or turn off the programmable mixing function, select “NULL” indicate that this function is not enabled.

Mixing: The button at the right of “Mixing” is OFF, and the background color of the select box is grey, indicating that the Program mixing1 function is turn off. The button at the right of “Mixing” is ON, and the background color of the select box is blue, indicating that the Program. mixing1 function is turn on.

MIX mode: The button at the right of “MIX mode” is OFF, and the background color of the select box is grey, indicating that the EXP function of the channel2 and other settings are not mixed. The button at the right of “MIX mode” is ON, and the background color of the select

box is blue, indicating that the EXP function of the channel2 and other settings are mixed.

Trim mode: The button at the right of "Trim mode" is OFF, and the background color of the select box is grey, indicating that the trim of the channel2 is not mixed. The button at the right of "Trim mode" is ON, and the background color of the select box is blue, indicating that the trim of the channel2 is mixed. When the steering or throttle channel is the master channel, trim data can be added.

Mixing channel: is for set the master and slave channel.

Master: channel that applies to mix. Channel 1 to channel 8 can be selected as the master channel.

Slave: channel 1 to channel 8 can be selected as the slave channel. The movement of the master channel side will include the movement of the slave channel side.

Click 2/2 at the top right corner to back to the first programmable mixing setting page from the second programmable mixing setting page.

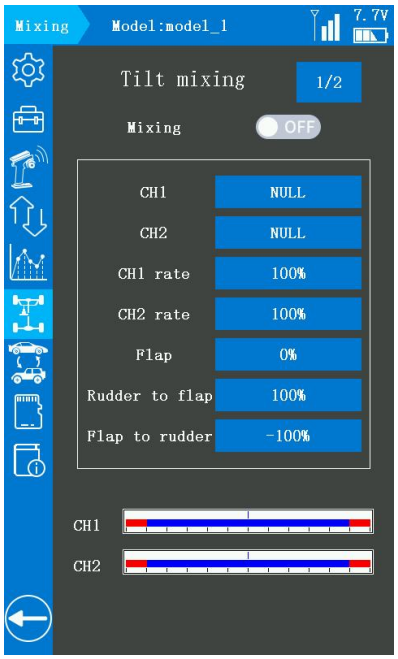
Setting steps: turn on the RC8X into home page, click the button  at the left bottom of RC8X into System menu, click  into Mixing menu, click the blue select box named Programmable mixing into the menu to set it.

2.6.9 Tilt mixing

Tilt mixing uses an outboard engine and applies bidirectional mixing from rudder to flap and from flap to rudder so that with a boat, rudder operation and tilt mixing operation can be performed 2 servos.

Tilt mixing can be performed by rudder operation, by steering wheel and flap channel.

Mixing: The button at the right of "Mixing" is OFF, and the background color of the select box is grey, indicating that the Tilt mixing function is turn off. The button at the right of "Mixing" is ON, and the background color of the select box is blue, indicating that the Tilt mixing function is turn on.



CH1: channel 1 to channel 8 can be selected to control the tilt steering.

CH2: channel 1 to channel 8 can be selected to control the tilt flap.

CH1 rate/CH2 rate: for the mixing amount rate. The initial value is 100%, -120% to 120% can be selected. Both CH1 and CH2 rate set positive or negative value, the tilt steering and tilt flap will keep move the same direction, while if the CH1 rate set the positive value and the CH2 rate set the negative value, the tilt steering and tilt flap will move the opposite direction.

Flap: flap rate check and adjustment. The initial value is 0%, -100% to 100% can be selected. The flap value set depends on the angle of the two flap (steering and flap). If you want to set the steering and flap separately, please set the value of Rudder to flap or Flap to rudder.

Rudder to flap: Rudder to Flap mixing amount can be adjusted individually. The initial value is 100%, -100% to 100% can be selected. -1% to -100% indicate the operate in same direction as steering. 0% to 100% indicate the opposite direction of steering.

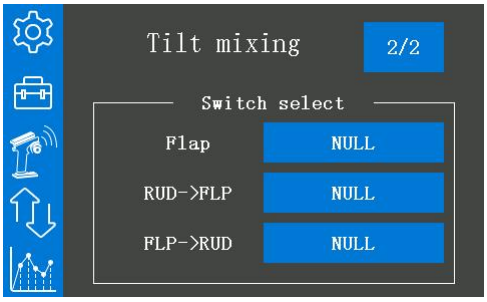
Flap to rudder: Flap to Rudder mixing amount can be adjusted individually. The initial value is -100%,

-100% to 100% can be selected. 0% to 100% indicate the operate in same direction as auxiliary channel. -1% to -100% indicate the opposite direction of auxiliary channel.

Steering end point function, curve function, speed function, or D/R function setup also effects flap channel operation. However, even if set, steering reverse function setup does not reverse the flap channel.

Tilt Mixing 2/2

Click 1/2 at the top right corner to switch the first Tilt mixing setting page to the second Tilt mixing setting page.



Flap: DT1/DT2/DT3/DT4/DL1 can be selected to increase or decrease the Flap value. Press the button which you have selected to increase or decrease the value of flap, the mixing amount from rudder to flap and the mixing amount from flap to rudder will be adjusted.

RUD->FLP: DT1/DT2/DT3/DT4/DL1 can be selected to adjust the mixing amount from rudder to flap.

FLP->RUD: DT1/DT2/DT3/DT4/DL1 can be selected to adjust the mixing amount from flap to rudder.

Setting steps: turn on the RC8X into home page, click the button  at the left bottom of RC8X into System menu, click  into Mixing menu, click the blue select box named Tilt mixing into the menu to set it.

2.7 Model select

200 models' data can be saved in the transmitter RC8X. The name of every model can be renamed, and the factory settings of every model can be reset in this menu. Data can be copied and pasted between every two models. Click the model that needs to be set, and the following settings will appear on the screen:

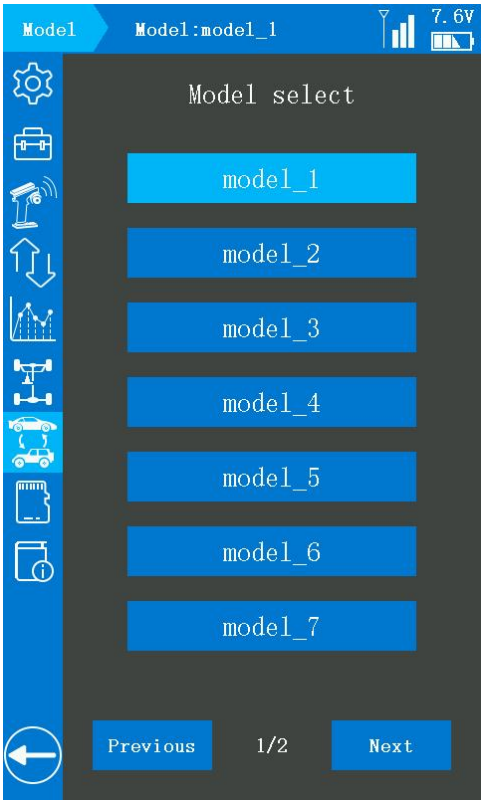
Model select: model memory selection. You can choose from 7 models on 1 page and 100 models on 15 pages. Tap the mark "Previous" or "Next" at the bottom of screen to switch the page. When you click the button "Model select", a question "Are you sure to select the model: model_1?" will pop out, click "Confirm" to select the model_1 as the current model, the model's name can be renamed. If you do not want to select the model_1, click "Cancel" and then choose the model's name you want.

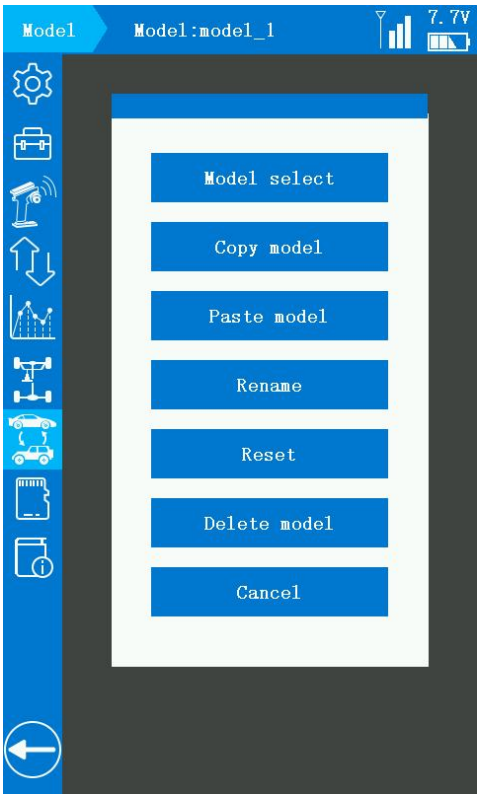
The model's name which you have selected will display on the top of the screen.

Copy model/Paste model: The contents of the model memory can be copied to another model memory. The copy model function and paste model function must be used as the same time to finished the model memory copy. For example, if you want copy the model_1 data to the model_3, you need to click the button "model_1", click "Copy model", click "Confirm" when the question "Are you sure to copy the model? model_1" have pop out, and then click the button "model_3", click "Paste model", click "Confirm" when the question "Copy model_1 to model_3?" have pop out.

Rename: all the models' name can be renamed. For example, if you want to rename the model_1, you need to click the button "model_1", click "Rename", a keyboard will pop out, click "Delete" to delete the original name, tap "←" or "→" to move the cursor and select the character of the model name you want to set or change, click "Confirm" at the bottom of the screen to save the setting.

Attention: when you click "Paste model", a question "Copy data error. Please copy again!" means you have copy data, you have to copy data from another model and then paste to the model you need. Copy model and paste model will not succeed for one model.





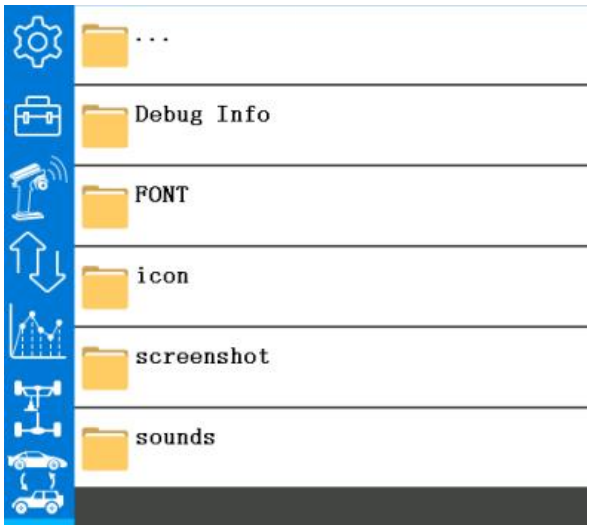
Reset: all the models' data can be reset to the factory setting. For example, if you want to reset the memory of model_1, you need to click the button "model_1", click "Reset", click "Confirm" when the question "Are you sure to reset the model? model_1" have pop out.

Delete model: Select the model to be deleted. Click Delete Model, and then confirm to delete the model.

2.8 SD Card Folder

Users can customize and change the content of the files. For example, they can add or delete firmware, modify the icon of the transmitter, and modify the prompt sound.

···: click the ··· folder to back to the previous directory, click all the folders under this menu to enter the directory. Tap the mark "Previous" or "Next" at the bottom of screen to switch the page.



2.8.1 SD Card Folder Name Introduction

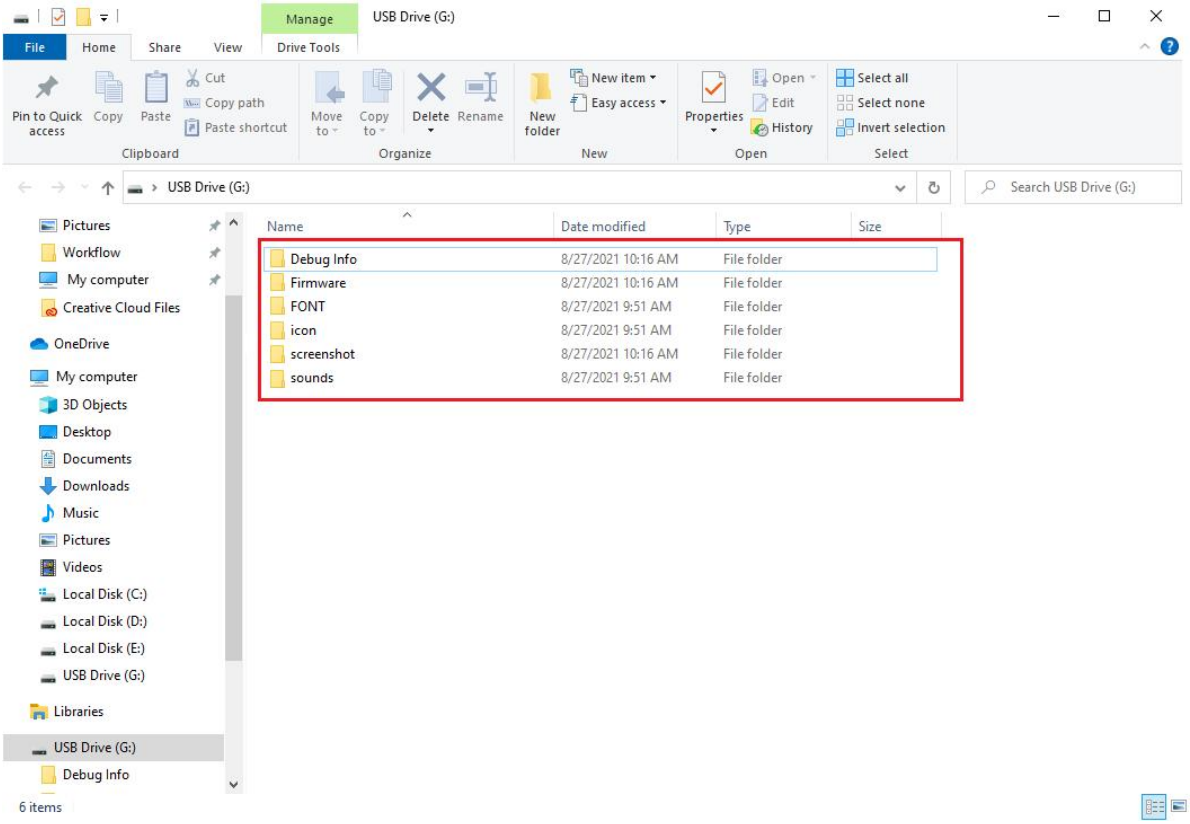
Folder Name	Function		Folder Name	Function
Debug Info	Debug information		ESC	Icon of ESC
Firmware	Firmware of RC8X		Desktop	Icon of desktop
FONT	Font of RC8X		Cache file	Cache file
SIF	font library, the RC8X will cannot power on if delete the SIF folder		Battery	Cache file
Icon	All the Icons in RC8X		4WS	4 Wheel Steering
Signal	Icon of signal		Screenshot	Screenshot
setting	Icon of setting		Sounds	Sounds of RC8X
receiver	Icon of receiver		SYSTEM	System sounds of RC8X
file	Icon of files		USER	Sounds customized by users

2.8.2 SD Card Files Copy Methods

1) Copy the files with a card reader

① power off the RC8X, remove the SD card from RC8X, insert the SD card to a card reader, connect the card reader to the USB port of the computer.

② a “U Disk” will pop out when you connect the SD card to the computer, then all the files can be customized as you need.



③ copy, delete, or customize the files you want, and then insert the SD card back to your transmitter RC8X.

2）Copy the files with a USB cable (copy a firmware as an example)

Introduction about the nomenclatures that on the update setting menu

SD Size: the capacity of the SD card, if you replace a larger capacity SD card, the RC8X and computer connection will take longer to read the transmitter device information, about 2 minutes.

SD Residue Size: the remaining capacity of the SD card.

DL1_A: UP/DL1-B: DOWN: make the yellow select box up or down by press the button DL1 to select the function you need.

PS3: press the button PS3 to back the previous setting menu.

HOME: at the update mode, by pressing the power button to confirm the setting/select.

USB MODEL: press power button selects the “USB MODEL” to make the SD card of RC8X connect to the computer

Update the latest: update the latest firmware that saved in the SD card of RC8X

Upgrade the specified: update the specified firmware that saved in the SD card of RC8X

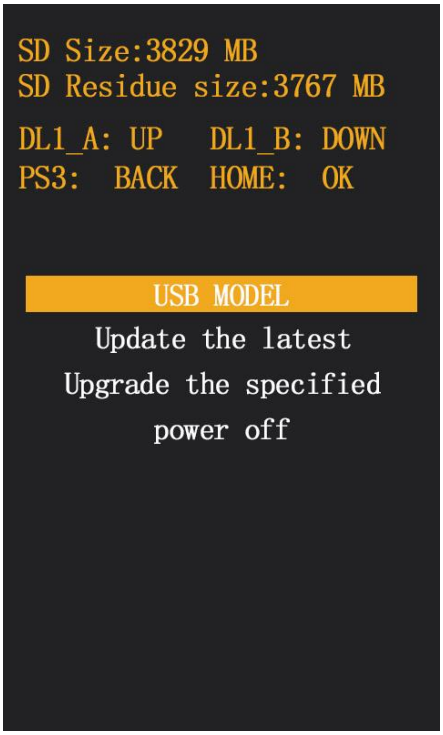
Power off: exit the update setting menu and the RC8X will turn off at the same time.

The setting steps as below:

① keep the RC8X power off,

② use a USB cable (type-c) connect the RC8X to the computer.

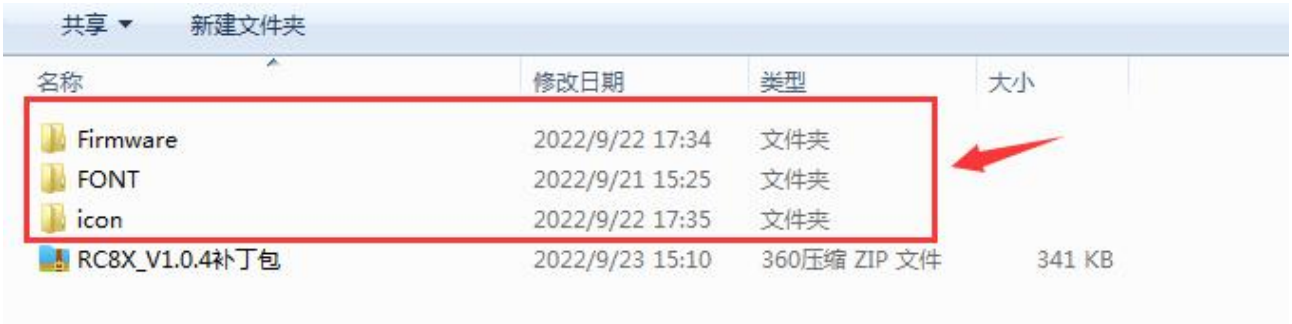
③ Push DT1 and DT2 TRIM buttons to the middle at the same time, and then long press the power button to enter the data copy and upgrade mode. The following four options will appear on the screen, and "USB MODEL" is selected by default.



④ Short press the "power button" to enter the USB mode, and the computer will also remind that a U disk is inserted. The computer usually displays two removable disks. RC8X-EXT refers to SD card, RC8X-INH refers to remote control. Copy the firmware to the RC8X-EXT disk.

Note: The firmware downloaded from the official website is usually a compressed file. After downloading it to your computer, you need to unzip it first. After decompression, copy the three files (including Firmware,

FONT, icon) in the folder to the RC8X-EXT disk.



Note: During the copying process, when it pops the reminder, please choose “copy and replace”and then click “YES”.

⑤ After the firmware copy is complete, press PS3 button to return to the previous menu. Then turn DL1 knob to turn the yellow background cursor to “power off”, and then short press "power button" to exit the upgrade mode.

2.8.3 Note for SD card content modification

1) Do not modify, delete, or preview files directly in the RC8X. A type-c USB cable is needed to connect the RC8X and the computer to view and modify the files on the computer.

2) All filenames in the SD card only support English. If you change the filename to other languages, the filename will display garbled characters.

3) If the SD card is pulled out and then insert into the RC8X, the RC8X needs to be restarted to see the modified contents in the SD card.

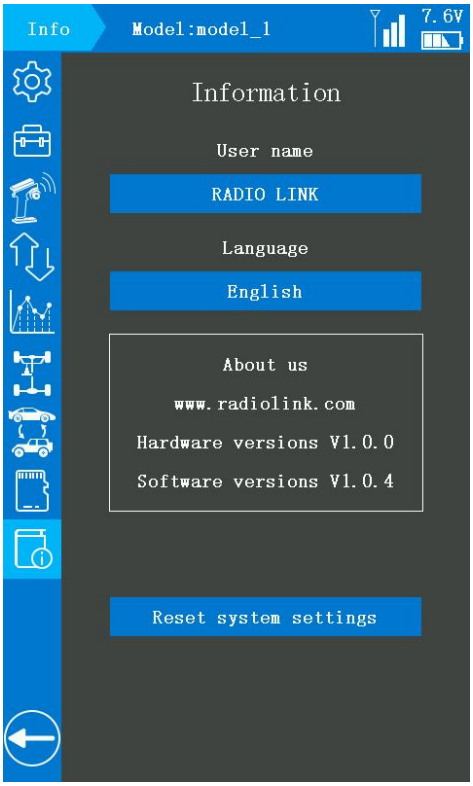
2.9 Information

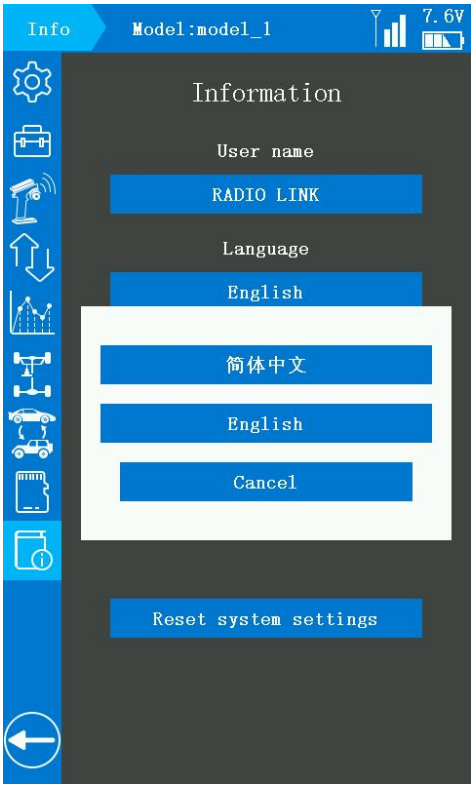
2.9.1 User name

The user name is default RADIO LINK, can be renamed, click the button “RADIO LINK”, a keyboard will pop out, click “Delete” to delete the original name, tap “←” or “→” to move the cursor and select the character of the model name you want to set or change, click “Confirm” at the bottom of the screen to save the setting.

2.9.2 Language

System language, it defaults “English”, “English” and “simplified Chinese” can be selected now.



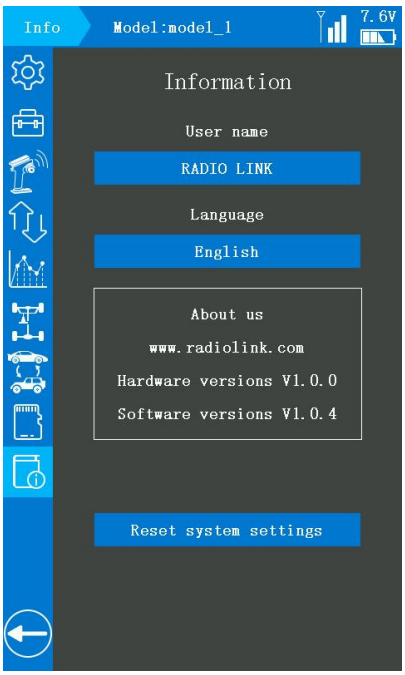


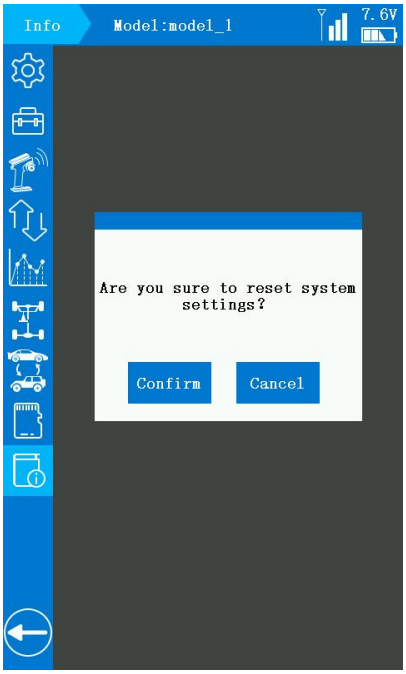
2.9.3 Reset system settings

The reset system settings function will make all the settings except the calibrate reset back to the factory settings.

Click button “Reset system settings”, click “Confirm” when the question “Are you sure to reset system settings?” will pop out. Click Confirm to reset system settings.

Note: If you need to reset other setting parameters such as "Basic Menu", "Mixing Menu", etc., please go to "Model Selection" to reset the model data.





2.10 Modifying for Left-hand Use

The wheel section left and right installation direction can be reversed.

The wheel is default at the right of RC8X, users can reinstall it by a Phillips screwdriver.

The following operation takes the right-hand use modify to the left-hand use as an example:

2.10.1 Remove the Wheel

① Use a Phillips screwdriver to remove the two mounting screws (HA3.0*12mm screws) on the steering wheel adapter.

② Gently pull off the steering wheel and do not pull the cable excessively. Since the steering wheel has been locked by the plastic sheet, please do not pull it out directly.

③ Remove the three cables from the PCB board of RC8X, press the socket on the RC8X

④ Pull out the plastic plate under the wheel.

2.10.2 Remove the Wheel Installation Port Cover

① Use the Phillips screwdriver to remove the two mounting screws (HA3.0*12mm screws) on the left wheel installation port cover.

② Gently pull off the left wheel installation port cover.

③ Gently pull out the USB port motherboard.

④ Remove the cable from the RC8X PCB board.

2.10.3 Install Wheel

① Insert the 14pin plug, 3pin plug and 4pin plug on the steering wheel into the corresponding socket in the middle of the PCB motherboard on the left side of the RC8X.

② Insert the plastic steering mounting plate. When inserting part of it, gently insert the extra part of the 3 connector wires into the interlayer of the RC8X PCB board.

Note: do not block the installation position of the two screws when jamming the cables. Otherwise installing the wheel will crush the cable.

③ Align the steering wheel installation screw mounting position and the screw mounting position of RC8X.

④ Tighten the two screws.

2.10.4 Install the Wheel Installation Port Cover

① Insert the 11pin plug on the plate into the corresponding port of the PCB motherboard on the right side of the RC8X.

② Gently insert the extra part of the wire into the interlayer of the RC8X PCB board.

③ Insert the black plastic steering mounting plate into the corresponding wheel installation port.

④ Cover the black plastic USB port plate, tighten the two screws.

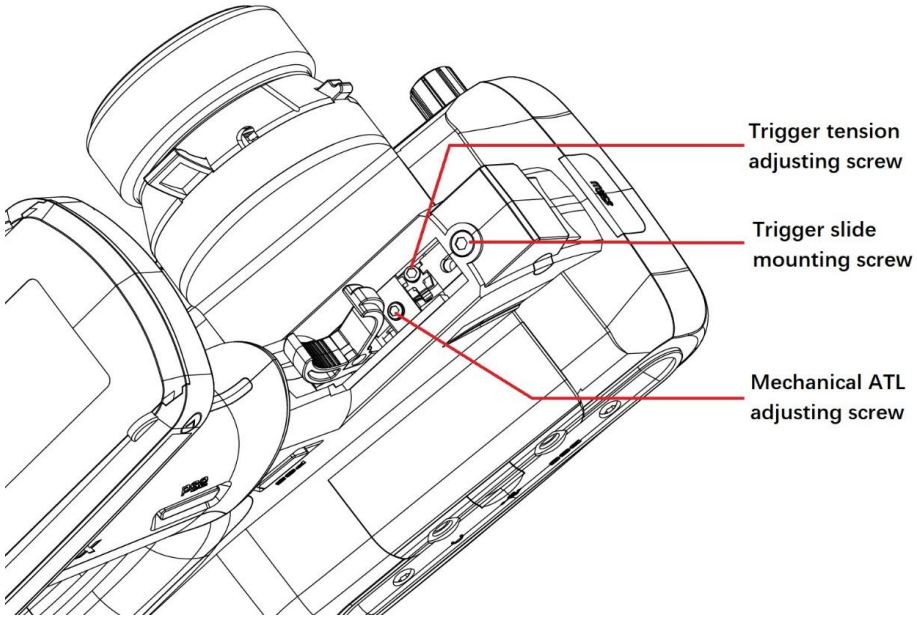
The picture is as follows after modifying the wheel from the right to the right:

2.11 Wheel or Trigger Mechanical Adjustment

The wheel or trigger of RC8X can be adjusted mechanically according to your needs.

2.11.1 Trigger brake lever adjustment

Make this adjustment when you want to decrease the stroke of the brake side of the throttle trigger for operation feel.



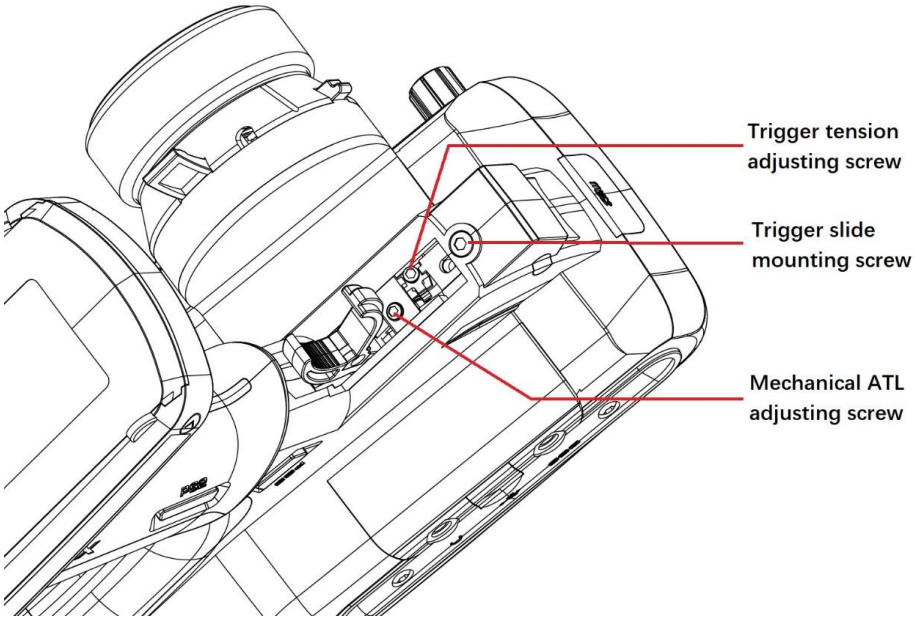
Adjustment steps:

Using a 1.5mm hex wrench, loosen the trigger tension screw (1.5mm) by turning it slightly counterclockwise.

Note: Adjust the stroke while observing the screw. Once the mechanical stroke of the throttle is changed, please re-calibrate the throttle trigger. The calibration method refers to 2.1.10 "Calibration". Due to this change, it is also necessary to adjust the throttle rudder in most cases The stroke of the machine can be set through "EPA".

2.11.2 Trigger tension screw adjustment

Adjust the trigger tension screw when you want to change the tension of trigger spring.



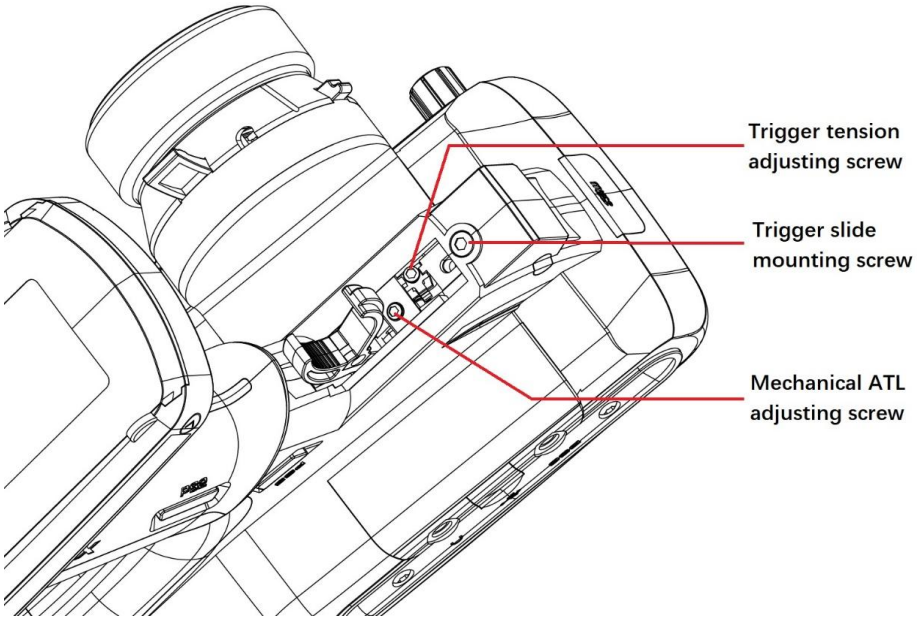
Adjustment steps:

Using a 1.5mm hex wrench, loosen the trigger tension screw (1.5mm) by turning it slightly counterclockwise. If the trigger tension screw is turned too much, the screw may fall out.

When the adjusting screw is turned clockwise, the spring tension increases.

2.11.3 Trigger slide adjustment

The throttle trigger position can be moved forward and backward by loosening or tightening the screw.



Adjustment steps:

Using a 2.0mm hex wrench, loosen the trigger slide mounting screw (2.0mm) by turning it slightly

counterclockwise. If the trigger slide screw is turned too much, the screw may fall out.

2.11.4 Wheel tension screw adjustment

Adjust the wheel tension screw when you want to change the tension of wheel spring.

Adjustment steps:

Using a 1.5mm hex wrench, loosen the trigger tension screw (1.5mm) by turning it slightly counterclockwise. If the trigger tension screw is turned too much, the screw may fall out.

2.12 Firmware Update

RC8X will keep to update the firmware to add new functions. Please pay attention to our website www.radiolink.com to get the latest firmware.

Before update, the latest firmware must copy to the microSD card of your RC8X.

2.12.1 Methods for Firmware Copy

Please refer to: 2.8.2 SD Card Files Copy Methods

2.12.2 Methods for Firmware Upgrade

There are two ways for RC8X to update the software in total.

1) "Update the latest" Mode

If there are several firmware saved in the microSD card, RC8X will recognize the latest firmware automatically and then update it at this update mode.

① Enter the update mode setting menu

>power on the RC8X, but do not turn it on.

>Push DT1 and DT2 TRIM buttons to the middle at the same time, and then long press the power button to enter the data copy and upgrade mode. The computer will pop out that a USB drive is inserted.

② select update mode

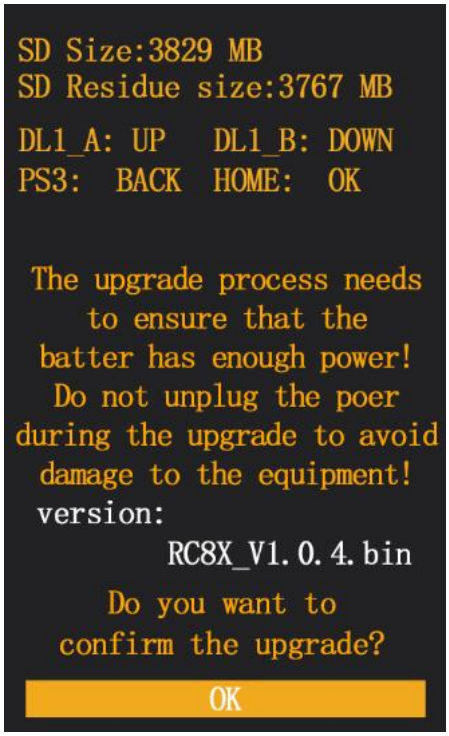
> The following four options will appear on the screen, and "USB MODEL" is selected by default.

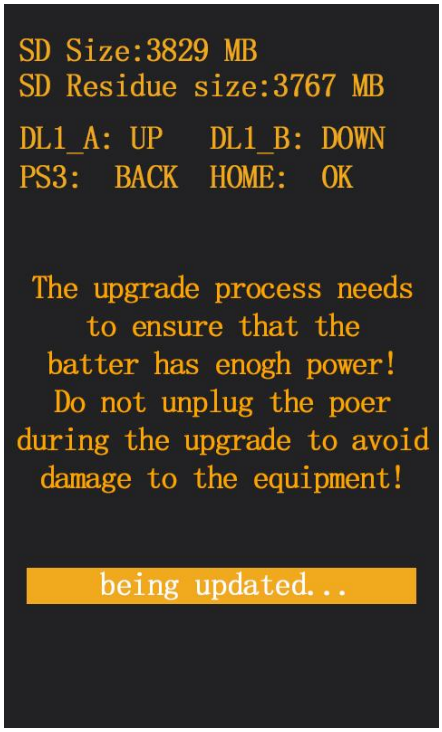
> Turn DL1 knob to turn the yellow background cursor to “Update the latest”

③ upgrade the latest firmware

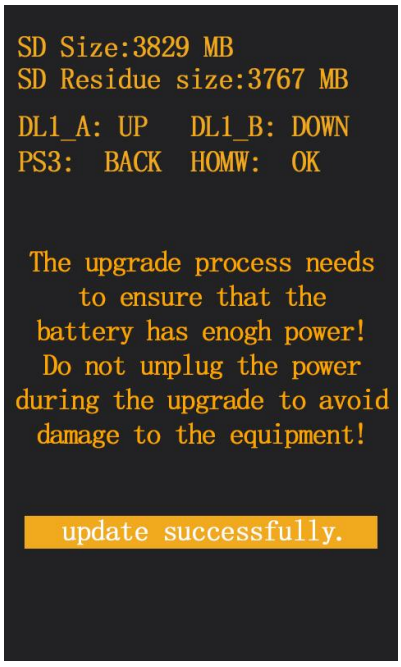
> short press the power button into the “Update the latest” mode, short press the power button again to upgrade.

> “being updated” pop out at the bottom of the screen means the firmware is updating.





④ “update successfully” pop out at the bottom of the screen means the firmware upgrade is successful.



⑤ exit the update mode

> Press PS3 button to return to the previous menu.

> Turn DL1 knob to turn the yellow background cursor to “power off”.

> Short press the power button to exit the upgrade mode.

Attention: if "firmware reads fail!" pop out at the bottom of the screen means the transmitter RC8X have not find out the firmware from the microSD card, please copy the latest firmware to the microSD card first, and then reupdate follow the steps above.

2) "Upgrade the specified" Mode

If you have copied the upgrade firmware to the microSD card, but you have modified the firmware name, then the "Upgrade the specified" update mode is be suggested.

① Enter the update mode setting menu

>power on the RC8X, but do not turn it on.

>Push DT1 and DT2 TRIM buttons to the middle at the same time, and then long press the power button to enter the upgrade mode. The computer will pop out that a USB drive is inserted.

② select update mode

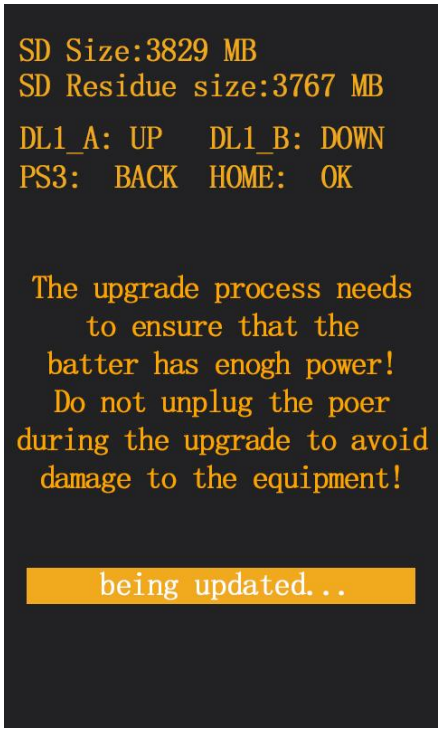
> The following four options will appear on the screen, and "USB MODEL" is selected by default.

> Turn DL1 knob to turn the yellow background cursor to "Update the specified"

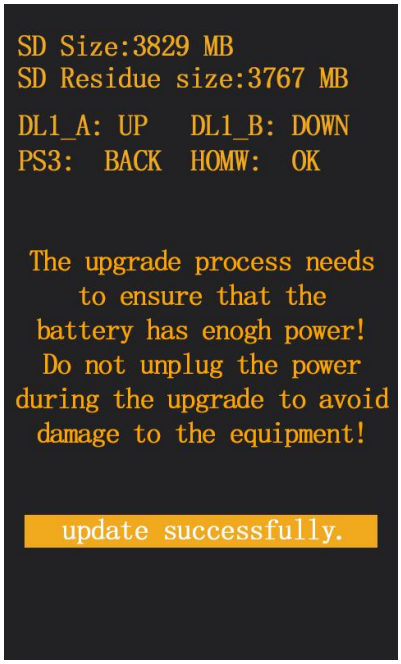
③ upgrade the specified firmware

> short press the power button into the “Update the specified” mode, short press the power button again to upgrade.

> “being updated” pop out at the bottom of the screen means the firmware is updating.



④ “update successfully” pop out at the bottom of the screen means the firmware upgrade is successful.



⑤ exit the update mode

> Press PS3 button to return to the previous menu.

> Turn DL1 knob to turn the yellow background cursor to “power off”.

> Short press the power button to exit the upgrade mode.

Thanks

Thank you so much for choosing RadioLink 2.4 GHz 8 channels transmitter – RC8X.

To fully enjoy the benefits of this product and ensure safety, please read the manual carefully and set up the device as instructed steps. If any problems found during the operation process, either way listed below can be used as online tech support.

1. Send mails to after_service@radioLink.com.cn and we will answer your question at the earliest.
2. Send private message to us on our Facebook page or leave comments on our YouTube page.
3. If the product is purchased from the local distributor, you can also ask them for support and repair as prefer.

A 4G SD card will be packed with RC8X, it can be used for transmitter upgrade or save the font, icon, screenshot, sound, and other customized files you have designed for your RC8X.

All manuals and firmware are available on RadioLink official website www.radiolink.com and more tutorials will be uploaded. Follow our Facebook and YouTube homepage to stay tuned with our latest news.