

MKronRC HOBBY

DIGITAL PROPORTIONAL RADIO CONTROL SYSTEM

2.4GHz

i6S

6 CHANNEL TRANSMITTER



Full range 2.4GHz DSM2 6-channel radio
10-model memory
ModelMatch
ServoSync
Roller/selector user interface
Attractive and ergonomic design
Rudder dual-rate
Large LCD display
Integrated timer
Contrast Adjustment
Dual-speed trim scroll
Model name and type
Throttle cut
Trainer Mode
Model Copy
Trainer Mode
Travel adjustment
Sub-trim
Servo monitor
Dual rate and exponential
Compatible with any existing DSM2 receiver
Airplane Programming Features: Flaps, P-mixes, Dual aileron, V-tail, Delta, Differential
Heli Programming Features: Gyro adjust, Graphic throttle curve, Graphic pitch curve, P-mixes, Revo mix
Swash type (Normal, and CCPM 120)
Adjustable stick length
Direct trim access display

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Introduction

Thank you for choosing to purchase this Orange RX products. T-SIX is a highly function product with outstanding operability that concentrates the essence of the technology built up by this company through long experience, this product designed with a newly developed 2.4Ghz spread spectrum technology, automatical binding, high-speed response, and full range control. In order to make full use of these features and safely enjoy your RC activities, please carefully read this operation manual. Our whole company hopes that you will enjoy using this products for many years.

Warning

1. This product is not a toy, it is not suitable for player who under 14 years old.
2. Always choose and keep the safety flight place which your local law allowed. Because the radio signal subject to interference from many sources outside your control. Interference can cause momentary loss of control.
3. Please understanding that this company and seller assume no liability for the operation or use this products. Intended for use only by adults with experience flying remote control helicopters at a legal flying field. After the sell of this products, we cannot maintain any control over its operation or usage.
4. Any accident or failure that may occur from the modification of this product, use non-genuine parts, nature disaster, and improperly operate are not covered by any warrantee and can not be returned for a repair or replacement, please contact our distributor for free technical consultation and parts at discounted rates when you experience problems during operation or maintenance.

General Safety Precautions and Warnings

1. Always operate your model in a open space away from full-size vehicles, traffic building wires and people. Always keep a safety distance in all directions around your model to avoid collisions or injury. This model is control by a radio signal subject to interference from many sources outside your control. Interference can cause momentary loss of control.
2. Always avoid water exposure to all equipment not specifically designed and protected for this purpose. Moisture causes damage to electronics. It is forbidden to use this product in raining or thunder and lightning weather.
3. Please use the replacement of parts on the manual to ensure the safety of instruction. This product is for RC model, so do not use for other purpose.
4. Operate this product within your ability, do not operate it under tired condition and improper operation may cause in dangers.
5. Always use the correct battery like 4 pieces 5# AA batteries, or 2 cell 7.4V li-poly battery. Please always use JST collect when use 7.4V Li-poly battery, and always connect the (+) and (-) in proper direction.

The Precautions Before Flight

1. Always make sure that all of the batteries with fully charged of radio and receiver.
2. Must ensure that the trimmer and the sticker of throttle are in the bottom position. And the function button at original position. Otherwise this product can not operate.
3. Always power on the transmitter at first, and lower the trimmer and sticker of throttle to bottom, than connect on the flight battery. It may cause the injury or damage to you or others if incorrect operation.
4. Always make sure that the direction of each servo operate with correct direction, and smoothly.

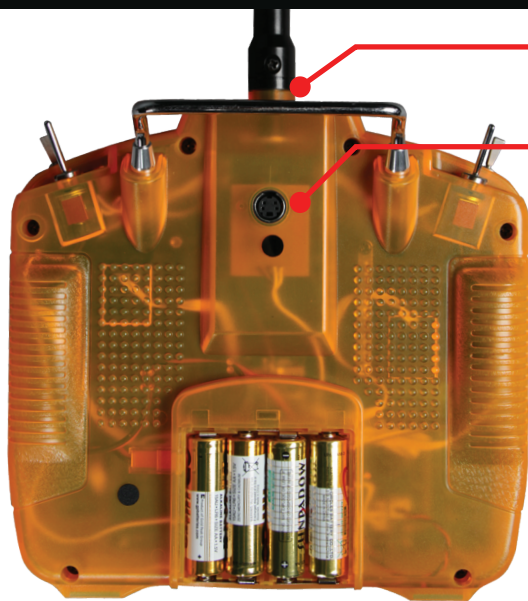
Transmitter (Mode 1)



Transmitter (Mode 2)



Transmitter



Handle

Trainer function connector

Note: all of the batteries should be work with JST plugger and connect with properly pole.
7.4V Li-Poly battery *1,



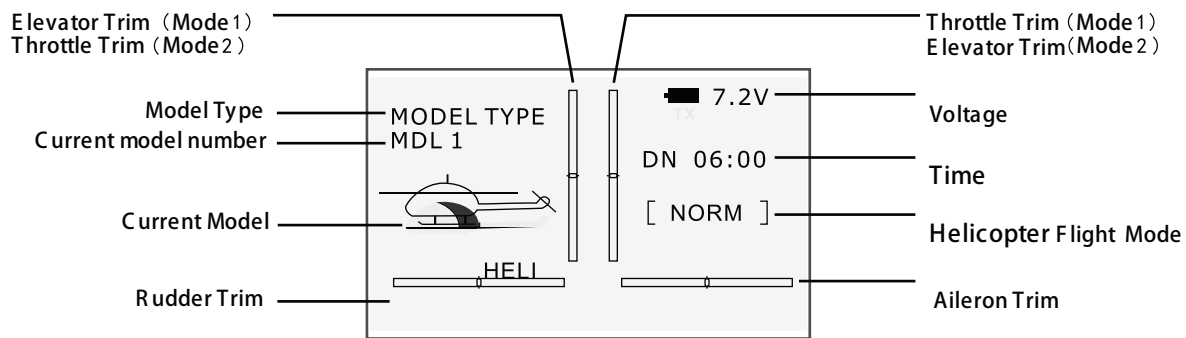
1.2V or 1.6V NIMH BATTERY *4
5#AA battery *4

Binding the Transmitter and Receiver



1. Inset the binding plug in the BATT on the receiver.
Connect the flight battery to the receiver, then the LED flashing quickly.
Move the throttle sticker to the LOW/OFF position. Then power on the radio.
4. It indicates that binding is success when the LED of receiver turn to light steady.
Always move off the Binding plug from receiver after bound.

Initial INFO S screen

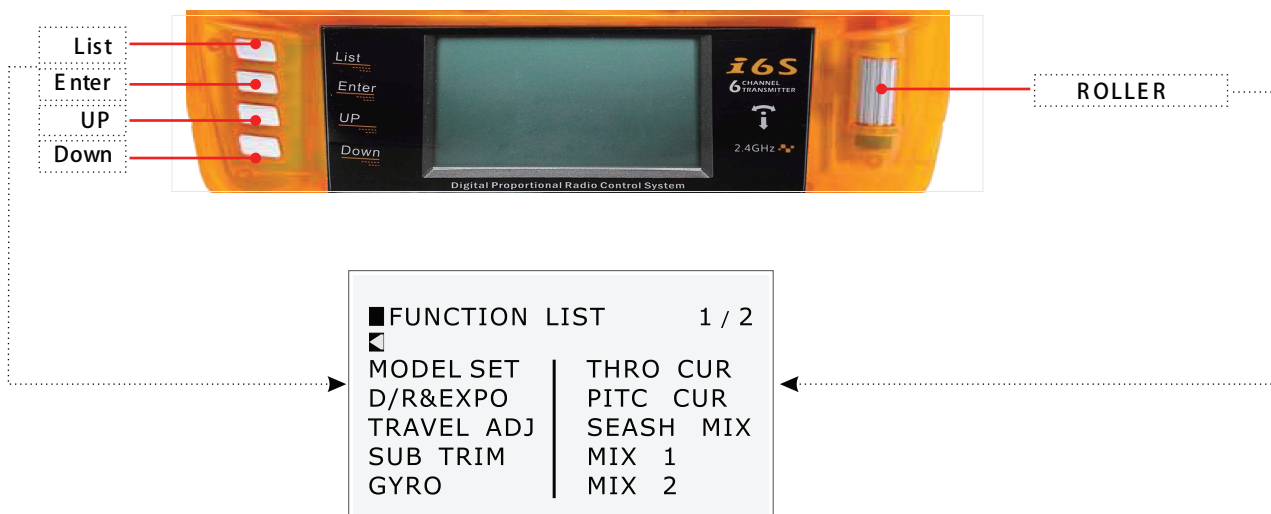


*This INFO S screen is displayed when the power switch is switched on. The screen has a two-page configuration, and rotating the ROLLER to right moves forward to the F function list screen, When you wish to return to the Initial INFO S screen from the Function list screen, rotating the ROLLER to the left returns to the Initial INFO S screen.


*The F function list screen allows display of the information from sensor attached to the receiver as well as Timer and Flight Model information, it is possible to select required function and display them. (Note: In each flight model)

- 1.Voltage: When the transmitter voltage drops below 4.3 volts, "Warning Low Battery" will flash and an alarm sound. If you are flying when this occurs, land immediately.
- 2.Timer: Timer function allows you to program a Count Down timer or Stop Watch (count up timer) to display on the main screen.
- 3.Model Type: Model Type programs the selected model memory to function in Helicopter or Airplane programming. You should program Model Type first when setting up a new model.
- 4.Trim step: The Trim Step function allows servo movement adjustment per click of trim.
- 5.Model display: you can see the model directly after your model type selected.

Names and Functions of the Input Key



The T-SIX utilizes a roller that can be rotated or pressed and four buttons, LIST, ENTER, UP and DOWN that are used to access and program all the functions.

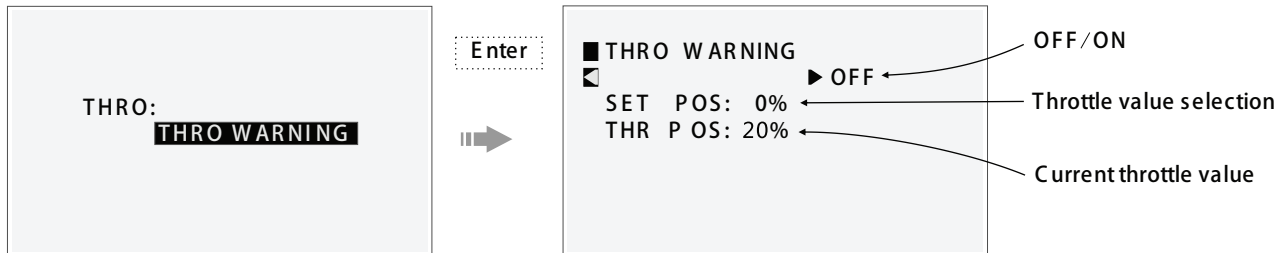
1. LIST Key: when this key is pressed the screen changes to the F function Listing screen.
2. ENTER Key: if this key is pressed when the INFO S screen is being displayed, the screen will change to the My lists screen. This can be used for moving to each of the other functions.
3. UP Key: if this key is pressed the Select Light will move up to your desired menu or list.
4. DOWN Key: if this key is pressed the Select Light will move down to your desired menu or list.
5. ROLLER: Press the ROLLER to access screens or functions. Or Rotate the ROLLER to adjust values or to select options.
6. Select light: move the select light to , then pressing ROLLER the screen will back to previous Menu.

Programmable Alarms

The T-SIX features programmable alarms that warn of a potential unsafe switch or stick position when the transmitter is turned on. In Acro mode programmable alarms include high throttle, gear and mid and land lap positions while in helicopter mode warnings include high throttle, S unt 1, S unt 2, and Hold. If any of these switches or throttle stick position is in an unsafe position when the transmitter is turned on, an alarm will sound, the screen will display the offending switch position and the transmitter will not transmit a signal. Moving the switch or stick to the desired position will clear the warning and normal operation will resume.

The Warnings function programs an alarm to sound if specific switches or stick positions are in an unsafe position when the transmitter is first turned on. In helicopter model type default warnings include Throttle, S unt 1, S unt 2 and Hold. In airplane model type these warnings include Throttle Low, Flaps, Gear,

Flight Mode 1 and Flight Mode 2. If you turn the transmitter on and any of these switches or the throttle is not at the low position, the alarm will sound; the screen will display the warning and no transmission will occur until the stick or switch is in the correct position.



F.MODE

-- F. MODE -*-*

T.HOLD

-- T. HOLD -*-*

F.MODE & T.HOLD

-- F. MODE -*-*

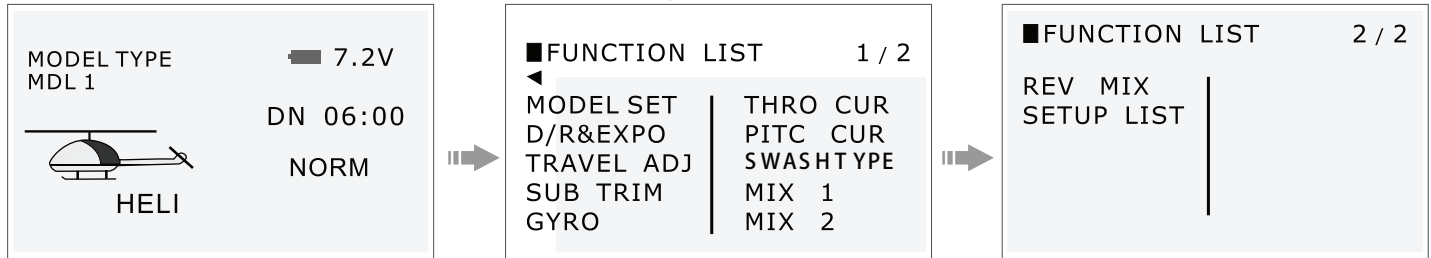
-- T. HOLD -*-*

Helicopter Mode



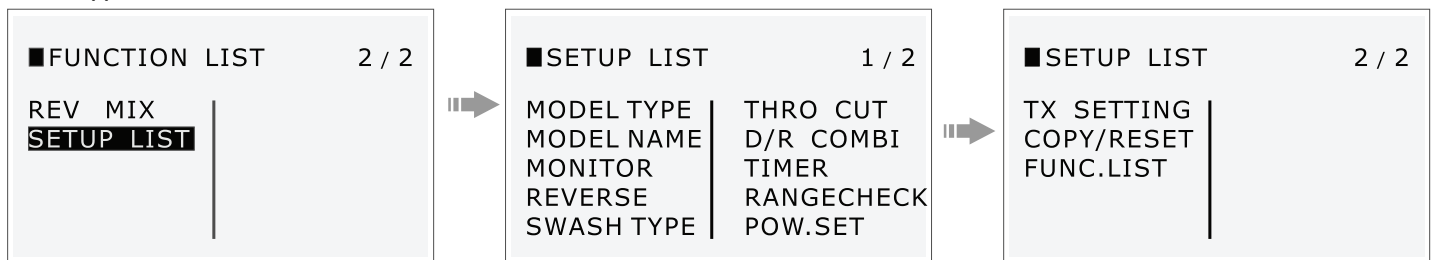
The T-SIX organizes the programming screens in two separate categories: FUNCTION LIST and SET UP LIST. The FUNCTION LIST contains programming that is generally used when initially setting up a model, and seldom used at the field. SET UP LIST functions includes Model Type, Model Name, Wing Type, (Swashplate Type for Helis) Model Reset, etc. Note: No radio transmission occurs when a System Setup screen is displayed to prevent accidental servo operation. This protects linkages/servo gears from damage when making programming changes.

FUNCTION LIST and SET UP LIST in Airplane and Heli Model type includes the following screens:



Helicopter SETUP LIST:

Rotating the ROLLER to the SET UP LIST from FUNCTION LIST, then press the ROLLOER to select the SET UP LIST. When SET UP LIST appears on the screen, release the roller. And all of the SET UP LIST shows as below.



HELICOPTER FUNCTION LIST

- | | |
|--------------|---------------|
| 1.MODEL SET | 7.PITC CUR |
| 2.D/R & EXPO | 8.SWASH MIX |
| 3.TRAVEL ADJ | 9.MIX 1 |
| 4.SUB TRM | 10. MIX 2 |
| 5.GYRO | 11. REV MIX |
| 6.THRO CUR | 12.SETUP LIST |

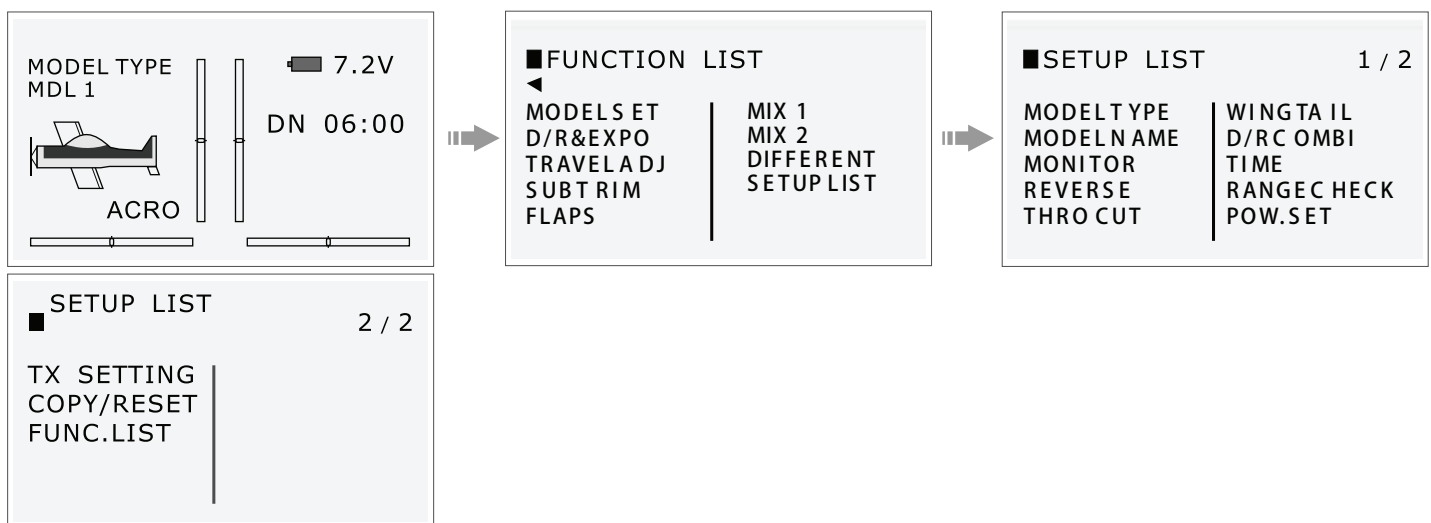
HELICOPTER SETUP LIST

- | | | |
|----------------|-----------------|--------------|
| 13. MODEL TYPE | 19. D/R COMBI | 25.FUNC.LIST |
| 14. MODEL NAME | 20. TIME | |
| 15. MONITOR | 21. RANGE CHECK | |
| 16. REVERSE | 22. POW. SET | |
| 17. SWASH TYPE | 23. TX SETTING | |
| 18. THRO CUT | 24. COPY/RESET | |

Airplane Mode



Airplane SET UP LIST: Rotating the ROLLER to the SET UP LIST from FUNCTION LIST, then press the ROLLOER to select the SET UP LIST. When SET UP LIST appears on the screen, release the roller. And all of the SET UP LIST shows as below.



AIRPLANE FUNCTION LIST

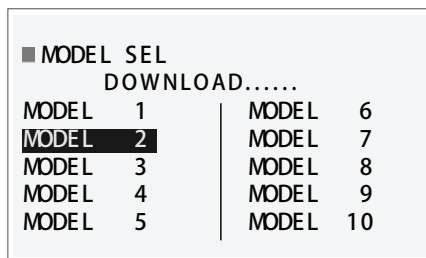
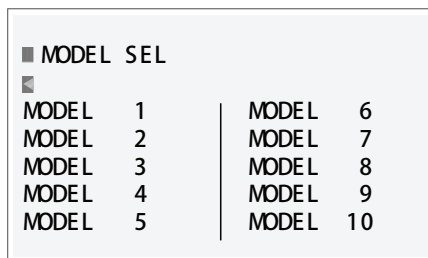
- | | |
|---------------|---------------|
| 26.MODEL SET | 32.MIX 2 |
| 27.D/R & EXPO | 33.DIFFERENT |
| 28.TRAVEL ADJ | 34.SETUP LIST |
| 29.SUB TRM | |
| 30.FLAPS | |
| 31.MIX 1 | |

Airplane SET UP LIST

- | | |
|----------------|-----------------|
| 35. MODEL TYPE | 41. D/R COMBI |
| 36. MODEL NAME | 42. TIME |
| 37. MONITOR | 43. RANGE CHECK |
| 38. REVERSE | 44. POW. SET |
| 39. THRO CUT | 45. TX SETTING |
| 40. WING TAIL | 46. COPY/RESET |
| | 47.FUNC.LIST |

To Access the FUNCTION LIST of HELICOPTER

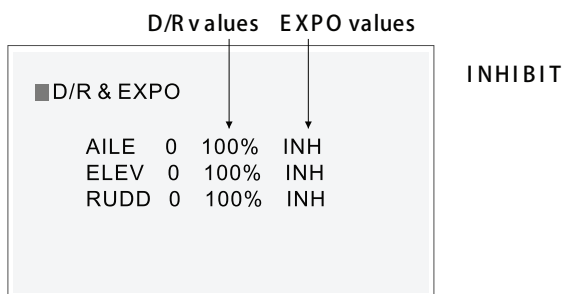
1. MODEL SET to access the MODEL SELECT function through FUNCTION LIST.



" B B B "

In this screen, the establishing of models, for the model memories can be up to 10 models for freely registered. Press and hold the roller while turning on the transmitter. When FUNCTION LIST appears on screen, release the roller. Then rotate the ROLLER to Highlight Model Select, and then press the roller to access the function shows as above pictures. Rotate the roller to highlight the desired model then press to select. Then "download...." showing on the screen for seconds, while three "B B B" sounds, it means set up successful, and returns to the previous screen. The model name will display on the main screen.

2. D/R & EXPO D/R EXPONENTIAL



Dual Rates and exponentials are available on the aileron, elevator and rudder channels. You can assign them to numerous switches including the light mode switch.

Dual Rate:

Affects the overall travel which in turn affects control response sensitivity equally throughout the range of that channel. Reducing the dual rate reduces the maximum control rate as well as overall sensitivity.

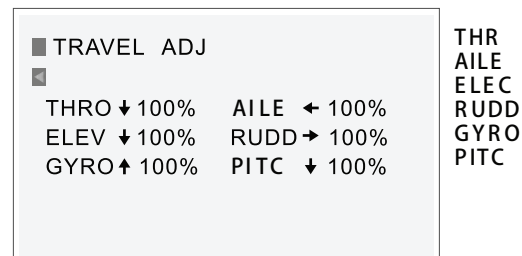
Exponential:

Affects the sensitivity around center but has no effect on the overall travel. Positive Exponential reduces control sensitivity around neutral for more precise control but does not affect the maximum control response.

Note:

Positive and negative exponential values are available. A positive expo value reduces control sensitivity around center. It does not affect maximum travel and is recommended. Negative exponential values increase sensitivity around neutral and is seldom used.

3. TRAVEL ADJ



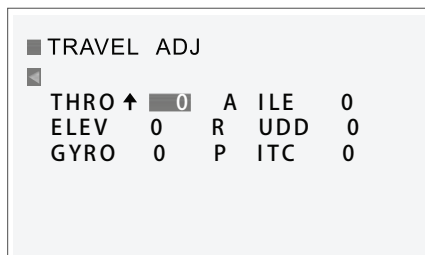
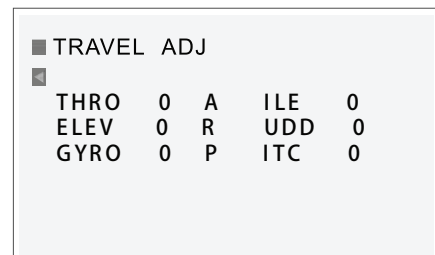
THR
AILE
ELEV
RUDD
GYRO
PITC

This function allows a adjustment of the servo left-right (and up-down) control surface angles for each channel separately. The angle adjustment is carried out referenced to the neutral position. Adjustment is possible over an adjusting range between 0 and 125% for each of left-right (up-down) directions. The standard value is 100%, and this is the normal control surface angle.

4. SUB TRM To access the SUB TRIM FUNCTION

Press and hold the roller while turning on the transmitter. When FUNCTION LIST appears on the screen, release the roller. The T-SIX is now in FUNCTION Setup Mode.

Rotate the roller to highlight SUB TRM then press to access the function. The following screen appears:



Highlight the desired Trim value then press the roller to access. Rotate the roller to change to the desired trim value. Press to accept. Repeat to adjust all trim steps.

The Sub-Trim function supports electronic adjustment for each of 6 channels, with a range of + or - 100%.

Note: Use only small Sub-Trim values so a servo's maximum travel is not overdrive. ↑↓

5.GYRO

■ GYRO
 ■ RATE SW-**F.MODE**
 0 : 50.0%
 1 : 50.0%
 2 : 50.0%

Switch options (INH, GYRO or F. MODEL), F. MODEL opens option to make the switch position the same or opposite for 0=NORMAL and 1=STUNT

■ GYRO
 ■ RATE SW-**GYRO**
 0 : 50.0%
 1 : 50.0%
 2 : 50.0%

Option Switch Option Value (0-100%)

■ GYRO
 ■ RATE SW-**INH**
 0 : 50.0%
 1 : 50.0%
 2 : 50.0%

Options (INH or ACT). Choosing ACT opens a adjustable values.

Gyro function supports setting gain for gyros that have remote gain ability, generally on a given switch, or can be tied in with flight modes to allow further flexibility. This function is not useful on some helicopters, because it does not allow "stick priority" mix for stick override of the gyro function. A curve or multi-point mix may allow greater flexibility for some models. Refer to your model's manual for recommend gyro settings.

6.THRO CUR

The Thro Cur function supports setting values for 5 positions in the throttle response curve of 3 different modes: NORM (Normal), STUNT and HOLD.

Important: In TH. HOLD, throttle curve is a flat line representing a hold condition. You can adjust this at the 5 positions (L, 2, 3, 4 and H). The throttle trim switch is only active when the flight mode switch is in the NORM (0) position. Throttle trim increases or decreases engine/motor revolutions per minute (rpm) to achieve a reliable idle in NORM. The throttle trim switch has no effect in F MODE 1 (Stunt) or in TH. HOLD 1 (active).

NORM/STU: F-MODE GEAR

HOLD: TH HOLD MIX

THRO CUR (NORM)

■ THRO CUR
 ■ **NORM** STU HOLD
 L 0.0 100 -0.0
 2 25.0 90.0
 3 50.0 80.0
 4 75.0 90.0
 H 100 100

(%)

NORM: each value set up in the Normal flight mode. The value range: 0-100.

THRO CUR (STU)

■ THRO CUR
 ■ NORM **STU** HOLD
 L 0.0 100 -0.0
 2 25.0 90.0
 3 50.0 80.0
 4 75.0 90.0
 H 100 100

(%)

STU: each value set up in the STUNT flight mode. The value range: 0-100.

THRO CUR (HOLD)

■ THRO CUR
 ■ NORM STU **HOLD**
 L 0.0 100 -0.0
 2 25.0 90.0
 3 50.0 80.0
 4 75.0 90.0
 H 100 100

(%)

HOLD: in TH. HOLD curve, the value range: -10-100.

7.PITC CUR

The Pitc Cur function supports setting values for 5 positions in the pitch response curve of 3 different modes: NORM (Normal), STUNT and TH. HOLD. Understanding throttle curve makes pitch curve a adjustment easier to understand. Refer to your model's manual for recommended settings.

NOTE: please set up the TH. HOLD function first Before set up the HOLD curve value.

PITC CUR (NORM)

■ PITC CUR
 ■ **NORM** STU HOLD
 L 0.0 0.0 0.0
 2 25.0 25.0 25.0
 3 50.0 50.0 50.0
 4 75.0 75.0 75.0
 H 100 100 100

(%)

NORM: each value set up in the Normal flight mode. The value range: 0-100%.

PITC CUR (STU)

■ PITC CUR
 ■ NORM **STU** HOLD
 L 0.0 0.0 0.0
 2 25.0 25.0 25.0
 3 50.0 50.0 50.0
 4 75.0 75.0 75.0
 H 100 100 100

(%)

STU: each value set up in the STUNT flight mode. The value range: 0-100%

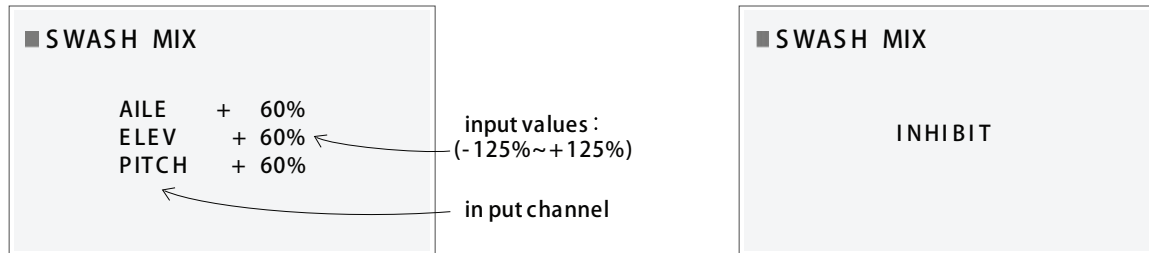
PITC CUR (HOLD)

■ PITC CUR
 ■ NORM STU **HOLD**
 L 0.0 0.0 0.0
 2 25.0 25.0 25.0
 3 50.0 50.0 50.0
 4 75.0 75.0 75.0
 H 100 100 100

(%)

HOLD: in TH. HOLD curve, the value range: 000% 1

8.SWASH MIX



The Pitch Curve function supports setting values for 5 positions in the pitch response curve of 3 different modes: NORM (Normal), STUNT and TH. HOLD. Understanding throttle curve makes pitch curve adjustment easier to understand. Refer to your model's manual for recommended settings.

This swash mixing is for easily carrying out swash plate movement setting for helicopters that incorporate CCPM systems.

1. First, it will be necessary to set all of the settings to their standard conditions. Further, the aileron and elevator trim and the hovering pitch trim should be set to neutral.
2. After selecting the desired SWASH TYPE, determine each of the servo movement directions using the reverse switches so that the pitch movements are normal.
3. After adjusting the SUB Trims so that each of the servo horns makes a right angle with the linkage when all of the servos have been set to neutral position, set the linkages so that the swash plate is horizontal.
4. Carry out the pitch operation (throttle operation), and then carry out the fine adjustment of each of the movement amounts by implementing left and right control surface angle adjustment with the intention of compensation for the variation in each of the servo control surface angles in order to make the swash plate move horizontally.
5. Carry out aileron or elevator operation. In the situation where the movement is in the opposite direction, the corresponding mixing amount should be set in the minus direction in the swash mixing.
6. The necessary movement amounts corresponding to each stick movement should be adjusting this mixing amount. Although the variable range $\pm 125\%$, if the amount is too large the servo maximum control surface angle will be exceeded. Accordingly, if the movement amount is insufficient, adjustment using the servo horn hole position.

9.MIX 1

Mix 1 and 2 functions mix percentages between 2 channels, or a channel with itself (THROTTLE cannot be mixed with itself or as a slave).

You can program mixes so that stick or switch inputs control 2 or more servos.

The first channel is the master channel; the second is the slave channel. You can adjust directional mix values (U, D, L and R) between -125% to +125%.

The mix can either be enabled (ON) all times or assigned to a switch, enabling and disabling the mix as needed while operating a model. You can also link trim so that adjusting master channel trim will also adjust slave channel trim.

When a mix is enabled and the assigned input control is moved, the master channel sends output at the same time the slave channel sends output.

Output is sent to the model in the direction and to the position assigned in the Mix screen. Output sent to model will match assignments in Mix screen.

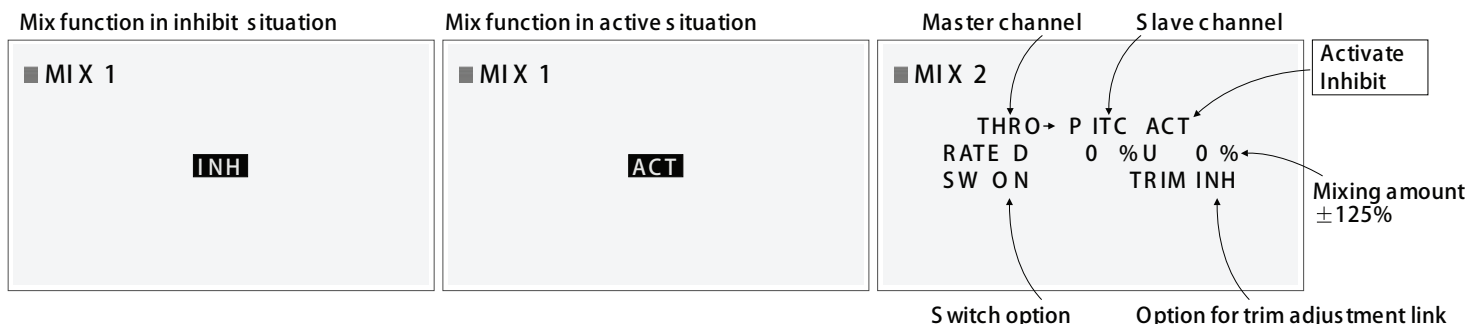
Mix Options

Aileron to Rudder: Causes rudder to move when ailerons move. This helps with airplanes that have adverse movement of the nose around the center axis (yaw) (right aileron results in left nose movement (yaw)). When programming aileron to rudder mix in the same direction, the airplane makes coordinated turns using ailerons only.

Elevator to Flap: Causes flaps or flaperons to move when elevator is moved, resulting in tighter looping maneuvers, or to provide aileron reflex for some 3D maneuvers such as Harriers.

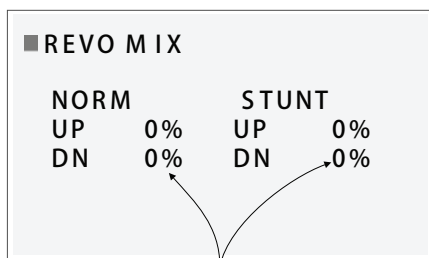
Dual Elevators: Requires Gear to Gear Mix of -100% to +100% to inhibit (INH) Gear Channel Switch, then Elevator to Gear Mix of +100% to +100% to activate the Gear channel to work as a slave to the elevator channel. This makes dual elevator setups possible.

Rudder to Aileron or Elevator: Eliminates roll and pitch coupling (roll and pitch happening at the same time) when rudder is applied. This is normally used to correct coupling in knife-edge flight.



10. REV MIX

The revolution mixing in this transmitter is based on the hovering points (output values from the stick center position on the pitch curve), and it is possible to set separate mixing amounts in each of UP and Down direction, in addition, because these transmitter settings use the Flight Mode NORM and STUNT. Move the FMODE switch to activate a flight mode.



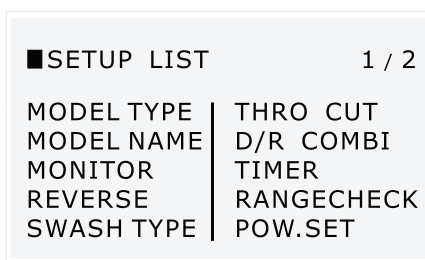
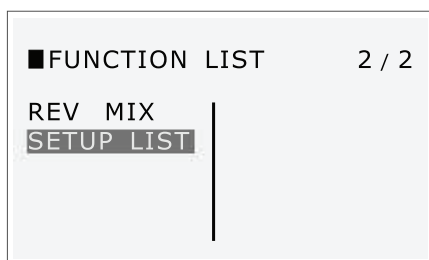
Note: in the situation where a tail lock (head lock) gyro is being used, set it to not be used (Make all settings 0%).

Corresponding mixing amount (L 125% to 0 to R 125%)

In normal flying, values of around 5% should be preset in both the UP and DOWN directions, and fine adjustment should be carried out in actual flight. During overflying in STUNT flight, it can be expected that the mixing amounts should be around half those in normal flying. In addition, in situations where more advanced revolution mixing is required, program mixing should be utilized.

11. SETUP LIST

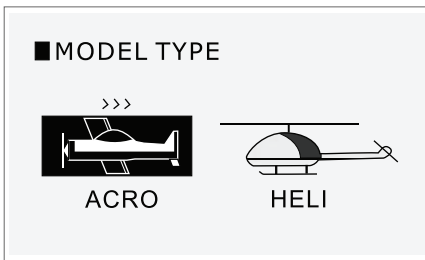
SETUP LIST: Rotating the ROLLER to the SETUP LIST from FUNCTION LIST, then press the ROLLER to select the SETUP LIST. When SETUP LIST appears on the screen, release the roller. And all of the SETUP LIST shows as below.



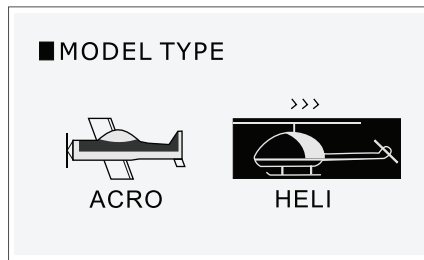
To Access the SETUP LIST of HELICOPTER

12.MODEL TYPE:

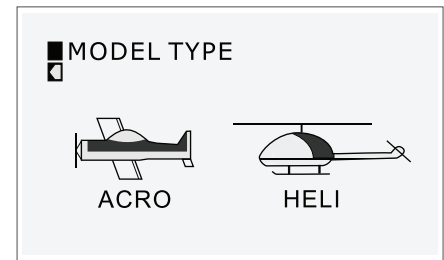
This transmitter supports 2 model types: Airplane (ACRO) and Helicopter (HELI). Model Type is stored in a model memory. Options affecting other screens and Functions as below:



Rotate the roller to highlight the airplane(ACRO) then press to select. Then "download....."showing on the screen for seconds, while six "BBB.....BBB" sounds, it means set up successful, and returns to the previous screen. The selected model type will display on the main screen.



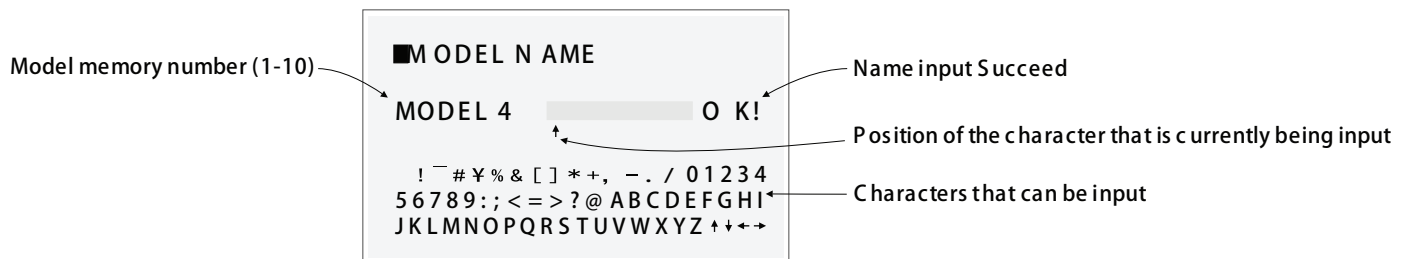
Rotate the roller to highlight the helicopter(HELI) then press to select. Then "download....."showing on the screen for seconds, while six "BBB.....BBB" sounds, it means set up successful, and returns to the previous screen. The selected model type will display on the main screen.



Return to the SETUP LIST menu.

13.MODEL NAME :

Model Name function assigns a name to a specific memory, so the model memory is easier to identify. The model memory number and a name is displayed on the Main screen. The name fills 8 character spaces chosen from spaces, symbols, numbers and letters.

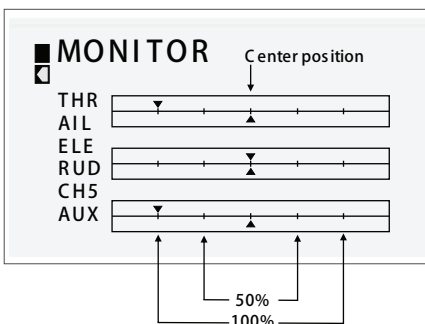


14.MONITOR :

This function is for monitoring the servo movements of each channel on the transmitter display screen.

The servo moment display is bar display with a vertical line in the center marking the neutral position. Centered around this to left and right are graduations marking the control surface angle 50% and 100% positions in order, and at each of the left and right ends there are the maximum control surface angle 150% position.

The movements in this function include all of the adjustments and mixing. Each of the display positions should be considered as a rough guide.



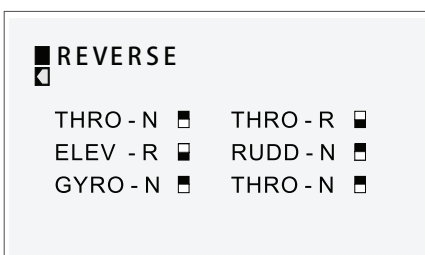
15.REVERSE :

Reverse function changes servo throw direction for all 6 channels. Movement of a control stick or switch is NOT changed. Instead, a channel's response to transmitter input is reversed.

N= Normal

R= Reverse

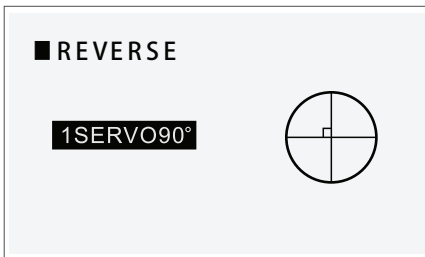
Note: Your aircraft manual may refer to this as changing transmitter flight control directions in the Control Test/Reverse controls section.



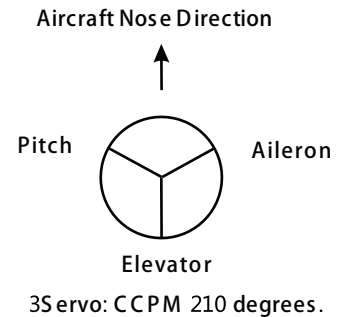
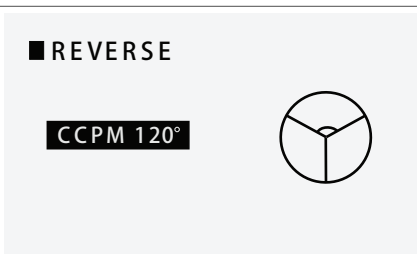
16 SWASH TYPE :

Swash Type function supports 1 S ervo: 90 degrees (standard mechanical mix) and 3 S ervo: CC PM 210 degrees.
Refer to your model's manual for recommended settings.

1 S ervo: 90 degrees
(standard mechanical mix)

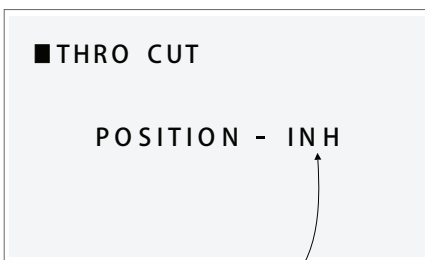


3 S ervo: CC PM 210 degrees.

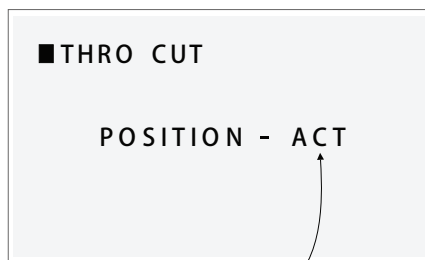


17 THRO CUT :

Thro Cut function activates (ACT) or inhibits (INH) the Throttle C ut button. When an activated Throttle C ut button is pressed, the throttle moves to the low throttle, low trim position for safe and convenient shut down of the engine or removal of power to the electric motor.



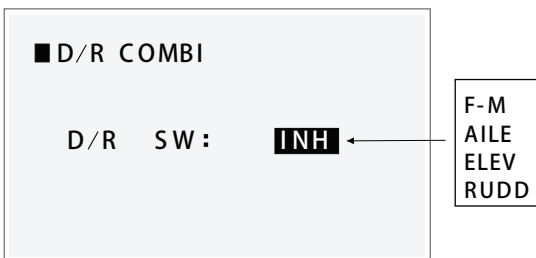
Throttle cut switch in inhibits



Throttle cut switch activates

18 D/R COMBI :

The Dual Rate C ombi function allows you to assign a s witch for combining D/R & EXPO. You can assign aileron, e levator and rudder dual rate and exponential functions to 1 of 3 common switches s o dual rates/expo for all 3 channels is e nabled by one s witch.
INH: Options (INH, AILE, ELEV or RUDD switches. GEAR switch can be used in HELI mode.)



19. TIME :

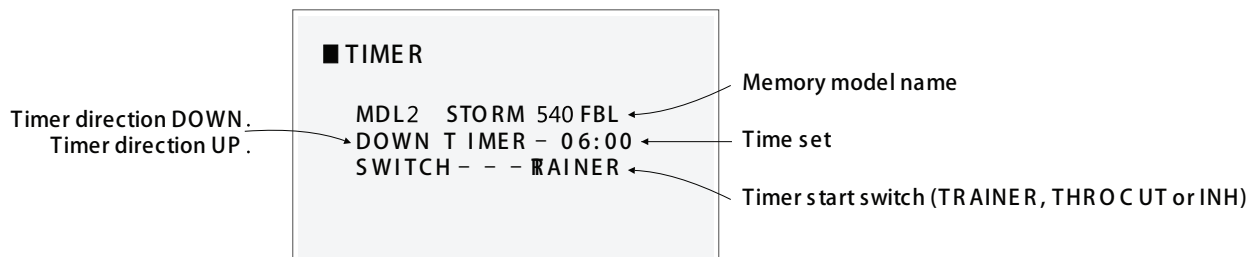
The Timer function includes a timer on the Main screen and an audible alarm. When the time expires, 5 beeps s ound every 5 s econds.

Timer DOWN -This sets a countdown (from up to 59 minutes and 50 seconds).

Timer UP -This sets a count-up timer (up to 59 minutes and 50 seconds). The s tart time is programmable. The default start of 00:00 is recommended.

When the Timer function is e nabled, the timer displays on the Main screen.

You can assign the Trainer S witch, P ower On or Throttle C ut button to stop, s tart and reset the timer.

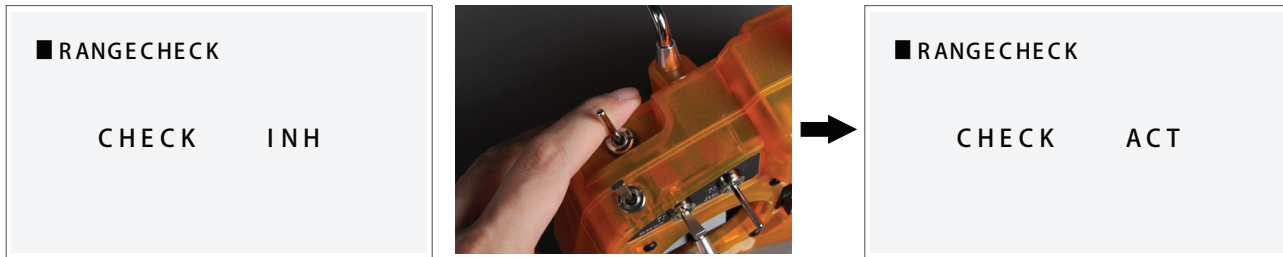


20. RANGE CHECK:

Range Check function activates or inhibits use of the Trainer switch to do a Range Check (which decreases transmitter output power).

A Trainer/Range Check switch position (When switch is held, ACT shows here)

1. Move the transmitter no less than 30 paces, approximately 90 feet (27m), from the model.
2. Face the model with the transmitter held in normal flying position.
3. Activate Range Check in the transmitter screen.
4. Pull and hold the trainer switch on the top left side of the transmitter .
5. Model should respond to all transmitter control inputs while the trainer switch is held.

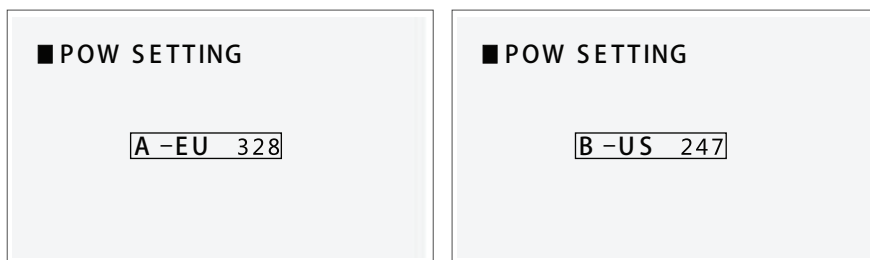


21. POW. SET:

The Power Setting function adjusts transmitter power output to conform to national standards. T-SIX offers two type of output power.

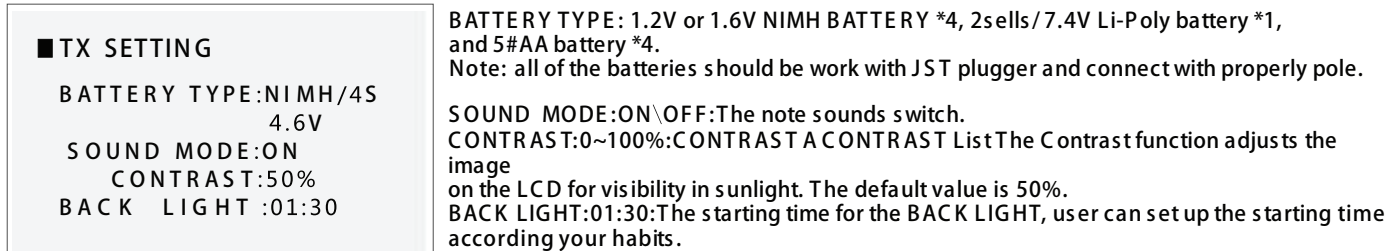
A-EU 328: it is appropriate for most European countries conforming to EU 300-328.

B-US 247: it is for use in the United States and countries outside the European Union (EU).



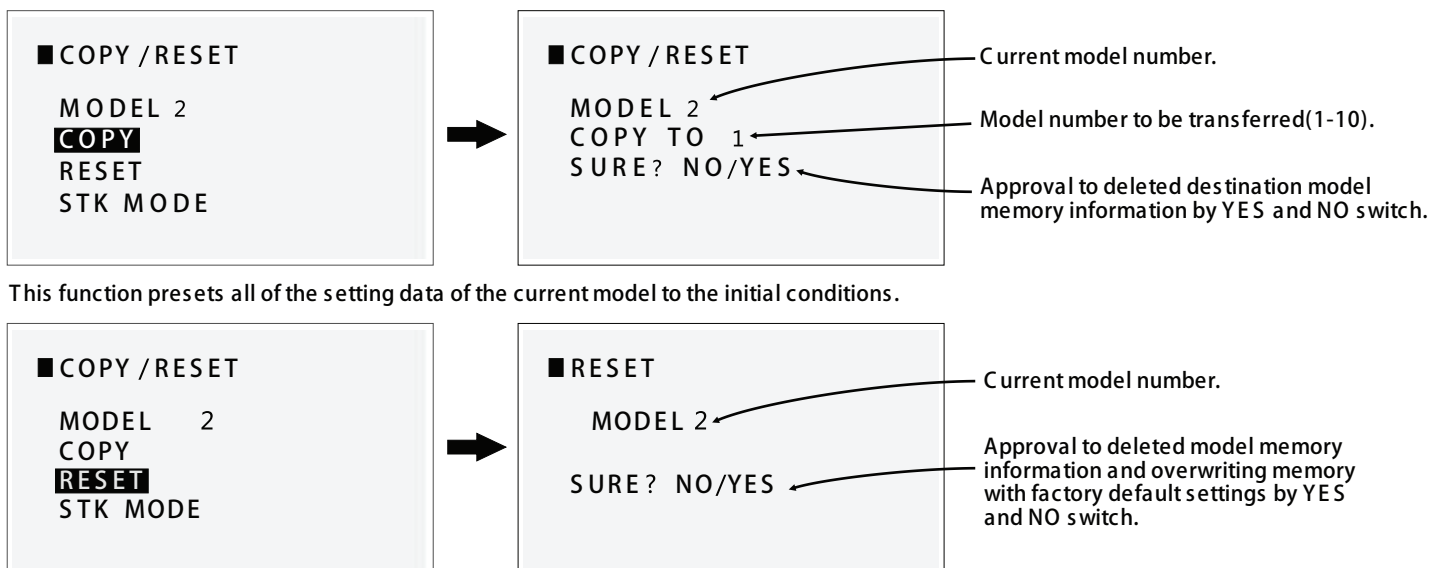
22 TX SETTING:

In this function can be select the battery type, note sounds, LCD visibility and the back light time for this radio .

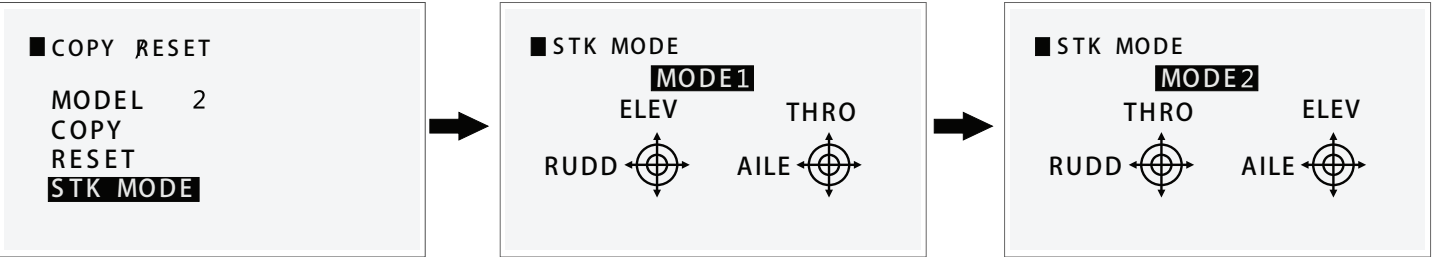


23. COPY/RESET:

The Copy/Reset function supports copying the active model memory to any of the other 9 available model memories .This is useful for setting up a model with different programming or to set up a similar model.

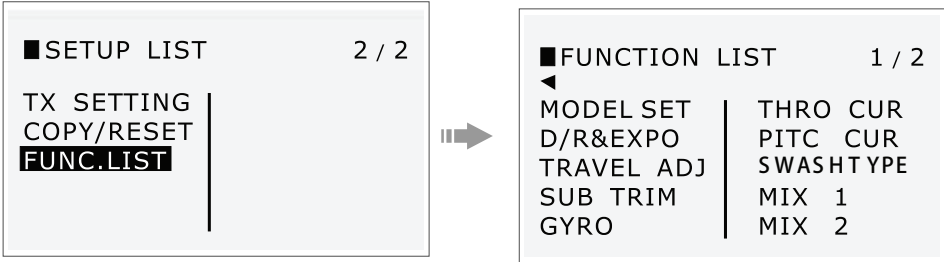


The mode of the sticks can be chosen with this function. You can choose from Mode1 or Mode2. You will need to remove the back case transmitter cover and swap the throttle ratchet and elevator spring.



24 FUNC LIST :

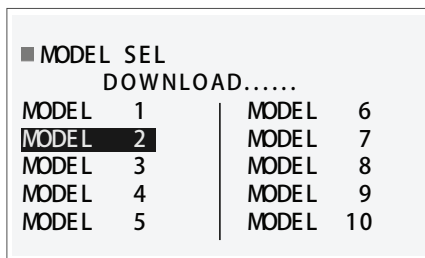
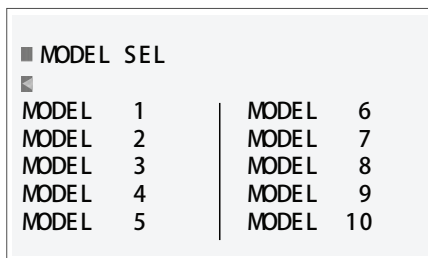
SET UP LIST: Rotating the ROLLER to the FUNC .LIST from SET UP LIST, then press the ROLLOER to select the FUNC .LIST. When FUNC .LIST appears on the screen, release the roller. And all of the FUNC .LIST shows as below.



To Access the FUNCTION LIST of Airplane

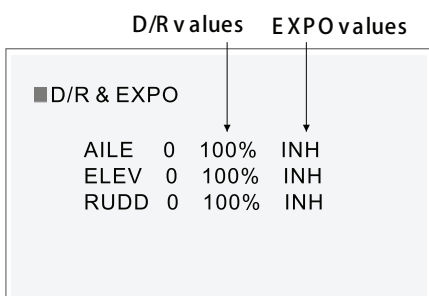
25.MODEL SET:

In this screen, the establishing of models, for the model memories can be up to 10 models for freely registered. Press and hold the roller while turning on the transmitter. When FUNCTION LIST appears on screen, release the roller. Then rotate the ROLLER to Highlight Model Select, and then press the roller to access the function shows as above pictures. Rotate the roller to highlight the desired model then press to select. Then "download....." showing on the screen for seconds, while three "B B B" sounds, it means set up successful, and returns to the previous screen. The model name will display on the main screen.



" B B B "

26.D/R & E XPO:



" INH " 禁

Dual Rates and exponentials are available on the aileron, elevator and rudder channels. You can assign them to numerous switches including the light mode switch.

Dual Rate

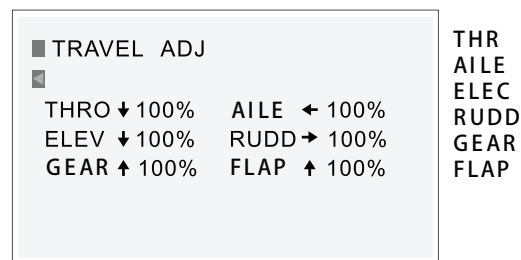
Affects the overall travel which in turn affects control response sensitivity equally throughout the range of that channel. Reducing the dual rate reduces the maximum control rate as well as overall sensitivity.

Exponential

Affects the sensitivity around center but has no effect on the overall travel. Positive Exponential reduces control sensitivity around neutral for more precise control but does not affect the maximum control response.

Note: Positive and negative exponential values are available. A positive expo value reduces control sensitivity around center. It does not affect maximum travel and is recommended. Negative exponential values increase sensitivity around neutral and is seldom used.

27.TRAVEL ADJ:

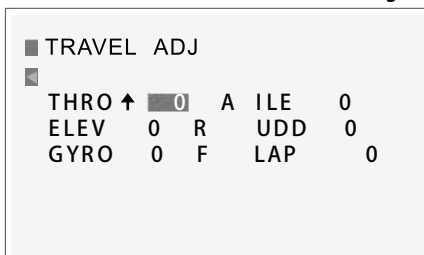
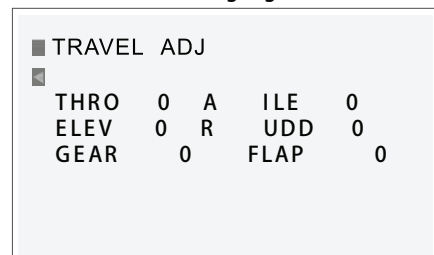


This function allows a adjustment of the servo left-right (and up-down) control surface angles for each channel separately. The angle adjustment is carried out referenced to the neutral position. Adjustment is possible over an adjusting range between 0 and 125% for each of left-right (up-down) directions. The standard value is 100%, and this is the normal control surface angle.

28.SUB TRM:

Press and hold the roller while turning on the transmitter. When FUNCTION LIST appears on the screen, release the roller. The T-SIX is now in FUNCTION Setup Mode.

Rotate the roller to highlight SUB TRM then press to access the function. The following screen appears:



Highlight the desired Trim value then press the roller to access. Rotate the roller to change to the desired trim value. Press to accept. Repeat to adjust all trim steps.

The Sub-Trim function supports electronic adjustment for each of 6 channels, with a range of + or - 100%.

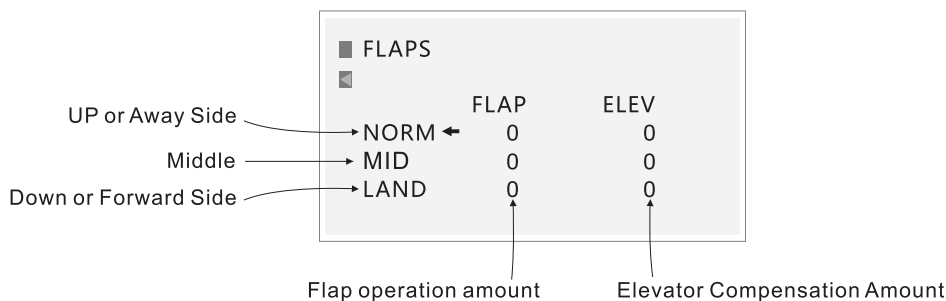
Note: Use only small Sub-Trim values so a servo's maximum travel is not overdrive.

29.FLAPS:

The Flaps function adjusts flap travel. The elevator column is an optional flap to elevator mix in switch position 0 (NORM (normal)) and position 1 (MID (Middle)) mode. position 2 (LAND (landing)) mode.

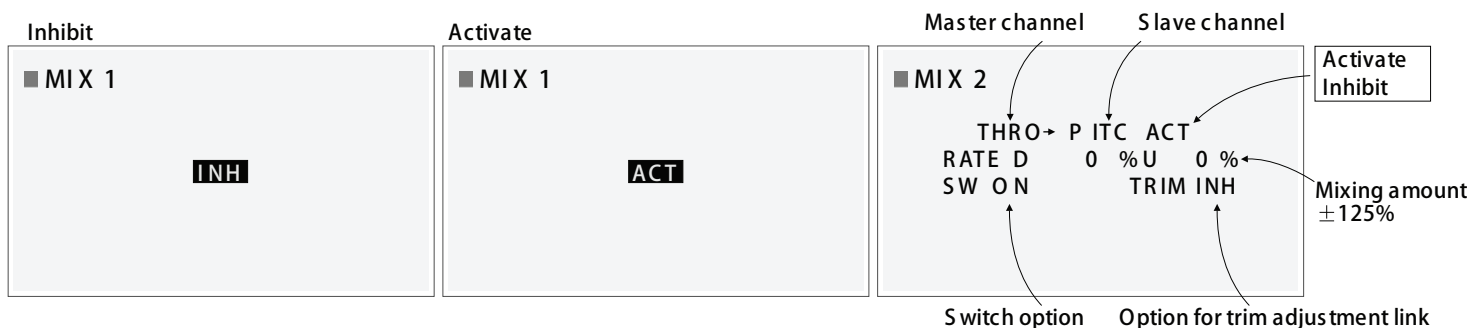
A Flap/Gyro switch position shown by + (0=Norm,1=Mid,2=Land)

B Position value (↗ 100 to 0 to ↘ 100)



30.MIX 1 :

This transmitter incorporates 2 program mixing systems. Although there are 2 screens, they are explained together here since the operations of the MIX 1-6 screens are basically common to each. The following screen shows the situation in the Mixing 1 screen. Because this is set to the "INH" display in the initial condition, it will be in the usage stopped condition.

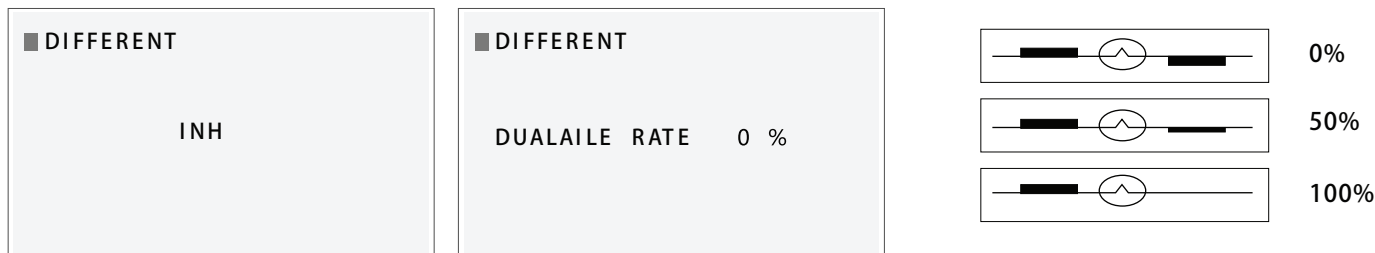


31.DIFFERENT: (Only when setting the wing type)

The Differential function decreases the amount an aileron moves down without affecting the amount the other aileron moves up. This can decrease swerving (adverse yaw) tendencies during roll maneuvers.

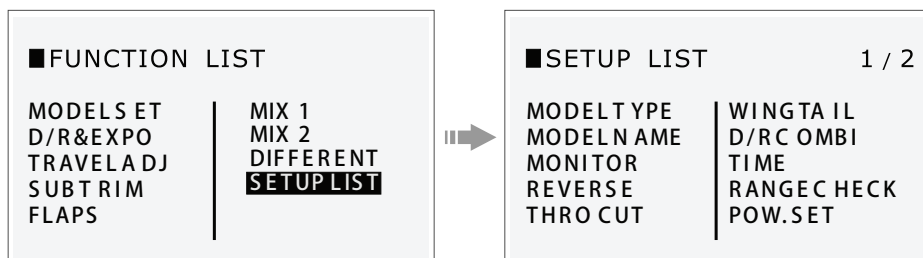
Differential is not available in this transmitter for flying-wing airplanes (ELEVON option in WING TAIL MIX).

Note: Use of the Differential function requires choosing DUALAILE in WING TAIL MIX function.



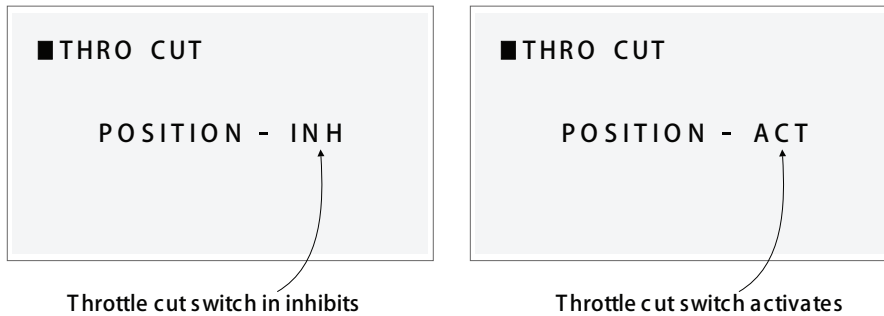
32.SETUP LIST :

SETUP LIST: Rotating the ROLLER to the SETUP LIST from FUNCTION LIST, then press the ROLLER to select the SETUP LIST. When SETUP LIST appears on the screen, release the roller. And all of the SETUP LISTs shows as below.



37. THRO CUT :

Thro Cut function activates (ACT) or inhibits (INH) the Throttle Cut button. When an activated Throttle Cut button is pressed, the throttle moves to the low throttle, low trim position for safe and convenient shut down of the engine or removal of power to the electric motor.



38. WING TAIL :

Wing Tail Mix function supports Normal, Dual Aileron, V- Tail and Elevon (Delta) mixing. Refer to your model's manual for recommended settings. See Appendix for information about recommended wing type servo installations on scratch built models. Normal This normal or default setting for airplanes is 1 servo channel for aileron, 1 channel for elevator and 1 channel for the rudder. These common wing and tail functions are enabled when you set DUALAILE, ELEVEN and V-TAIL at INH (inhibit).



* Dual Aileron Wing Type Selection

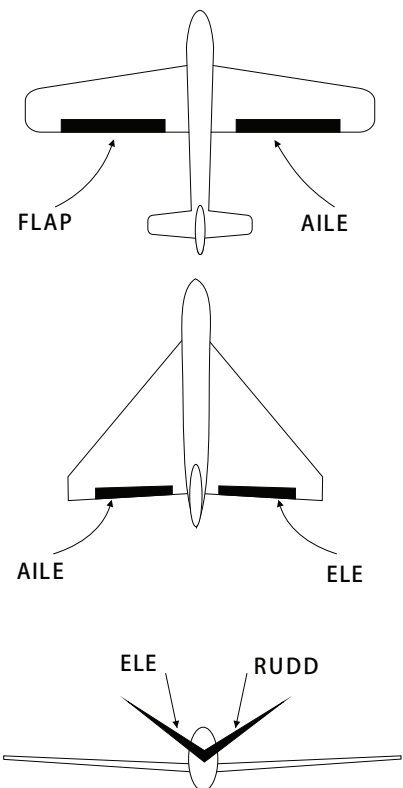
The connection will make a linkage between the servo connected to FLAP of the left wing aileron(AUX) and the servo connected to AILE of the right wing aileron. Dual Aileron requires use of a servo for each aileron and supports use of ailerons as flaps or spoilers. This function also supports precise independent adjustment of up and down travel, and independent sub-trim and differential for each aileron.

* V-tail Selection

The connection uses the servo connected to ELEV for the left tail moveable part, and the servo connected to RUDD for the right tail moveable part. When the V-TAIL setting is changed to active(ACT), V-TAIL operation will be set. V-tail combines the elevator and rudder channels for pitch and yaw control when using a V-tail equipped airplane. This function also supports precise independent adjustment of up and down travel, and independent sub-trim and dual rate adjustments for V-tail control surfaces.

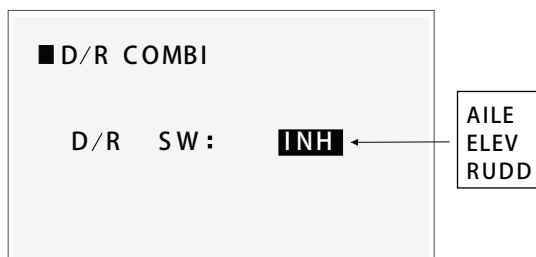
* Elevon Wing Type Selection

Elevon (Delta) wing combines aileron and elevator functions for precise control of roll and pitch. The connection will make a linkage between the servo connected to AILE of the left wing moveable part and the servo connected to ELEV of the right wing moveable part. By setting ELEVEN to ON, the elevons will operate. Further, because the left and right control surface angle adjustment of the corresponding channels will be carried out separately for each servo, the adjustment of the movement amount of each stick operation should be carried out using dual rate. The reverse switches correspond to each of the servos. Further, the individual servo neutral adjustments should be implemented according to the SUB TRIM section. Note: Delta or Elevon Mixing is for flying-wing airplanes and uses 2 servos in the wing to control 2 trailing edge-control surfaces for pitch and roll control.



39. D/R COMBI :

The Dual Rate Combi function allows you to assign a switch for combining D/R & EXPO. You can assign aileron, elevator and rudder dual rate and exponential functions to 1 of 3 common switches so dual rates/expo for all 3 channels is enabled by one switch. INH: Options (INH, AILE, ELEV or RUDD switches. GEAR switch can be used in HELI mode.)



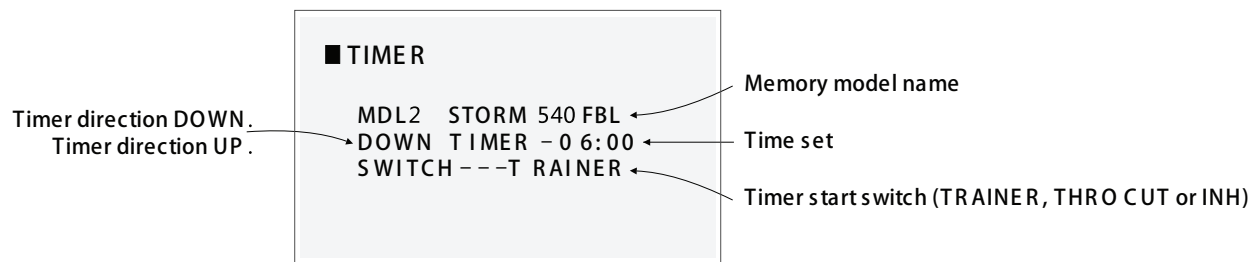
40. TIME :

The Timer function includes a timer on the Main screen and an audible alarm. When the time expires, 5 beeps sound every 5 seconds.
Timer DOWN –This sets a countdown (from up to 59 minutes and 50 seconds).

Timer UP –This sets a count-up timer (up to 59 minutes and 50 seconds). The start time is programmable. The default start of 00:00 is recommended.

When the Timer function is enabled, the timer displays on the Main screen.

You can assign the Trainer Switch, Power On or Throttle Cut button to stop, start and reset the timer.



41 RANGE CHECK

Range Check function activates or inhibits use of the Trainer switch to do a Range Check (which decreases transmitter output power).

A Trainer/Range Check switch position (When switch is held, ACT shows here)

1. Move the transmitter no less than 30 paces, approximately 90 feet (27m), from the model.
2. Face the model with the transmitter held in normal flying position.
3. Activate Range Check in the transmitter screen.
4. Pull and hold the trainer switch on the top left side of the transmitter .
5. Model should respond to all transmitter control inputs while the trainer switch is held.

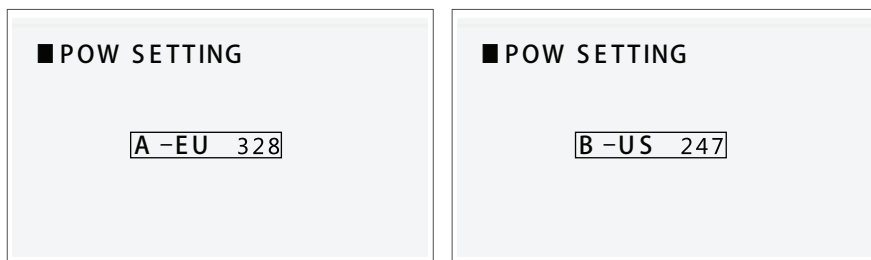


42. POW. SET :

The Power Setting function adjusts transmitter power output to conform to national standards. T-SIX offers two type of output power.

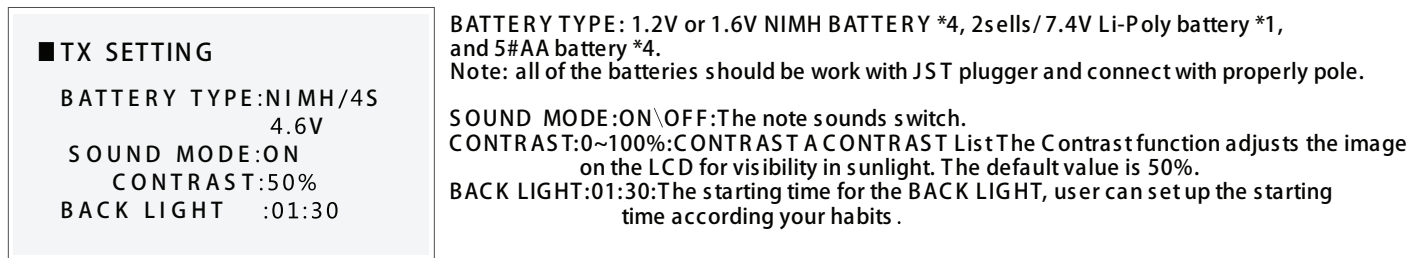
A-EU 328: it is appropriate for most European countries conforming to EU 300-328.

B-US 247: it is for use in the United States and countries outside the European Union (EU).



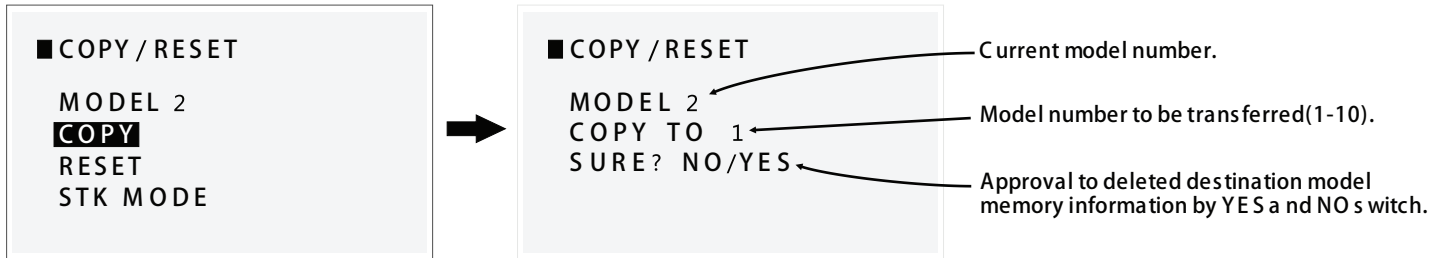
43. TX SETTING:

In this function can be select the battery type, note sounds, LCD visibility and the back light time for this radio .

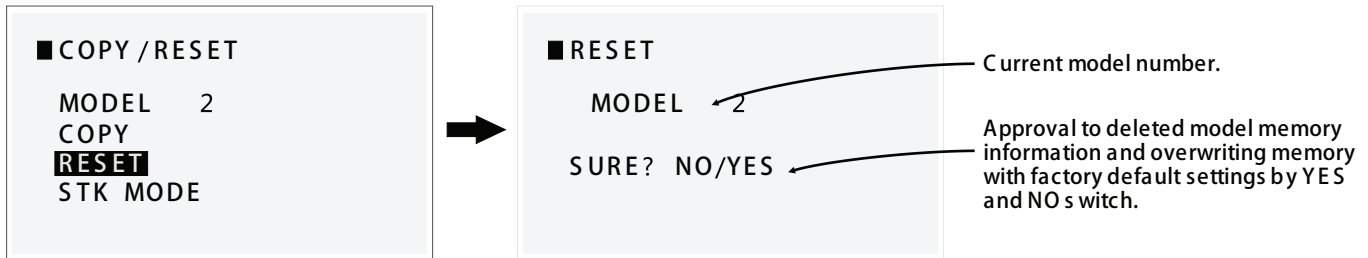


44 COPY/RESET:

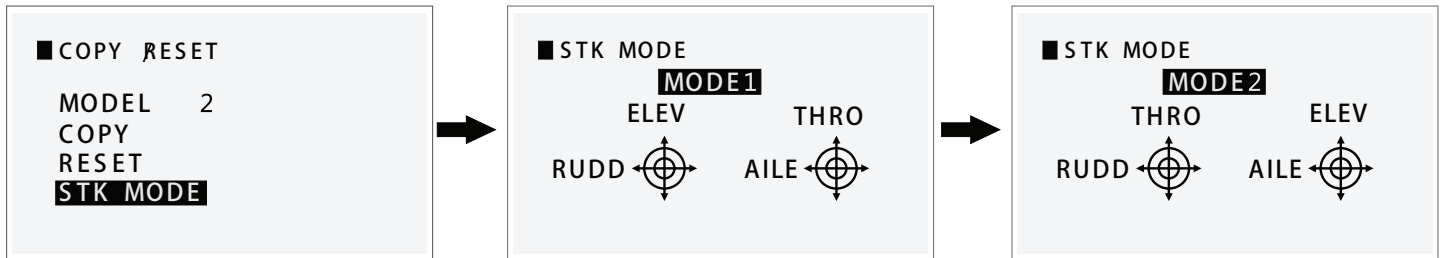
The Copy/Reset function supports copying the active model memory to any of the other 9 available model memories. This is useful for setting up a model with different programming or to set up a similar model.



This function presets all of the setting data of the current model to the initial conditions.

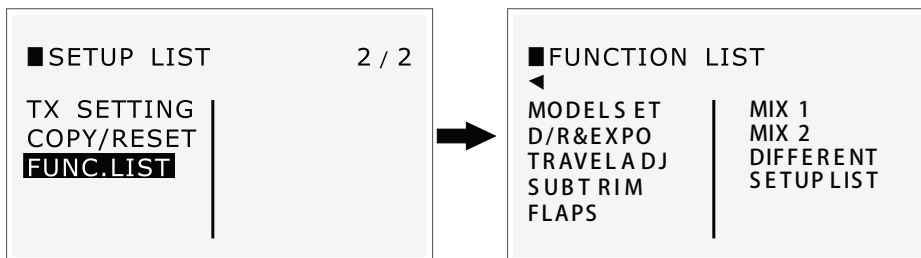


The mode of the sticks can be chosen with this function. You can choose from Mode1 or Mode2. You will need to remove the back case transmitter cover and swap the throttle ratchet and elevator spring.



45. FUNC. LIST

SETUP LIST: Rotating the ROLLER to the FUNC. LIST from SETUP LIST, then press the ROLLER to select the FUNC. LIST. When FUNC. LIST appears on the screen, release the roller. And all of the FUNC. LIST shows as below.



MKronRC
HOBBY
ORANGE RX

i6s

6 CHANNEL TRANSMITTER
DIGITAL PROPORTIONAL RADIO CONTROL SYSTEM
PROGRAMABLE SYSTEM