WK-0703

Users Manual

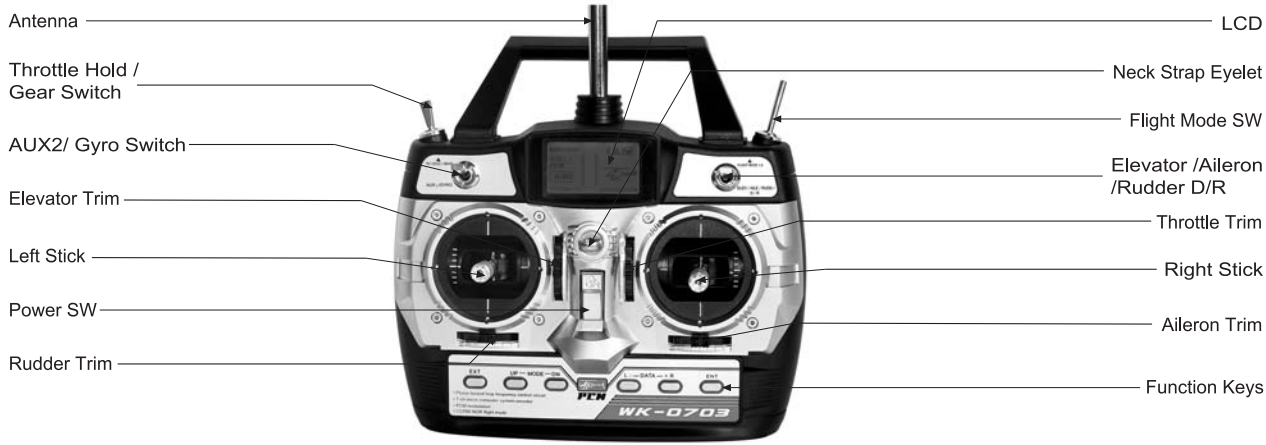
7-CH MULTIFUNCTIONAL TRANSMITTER

Contents

1.0 Foreword

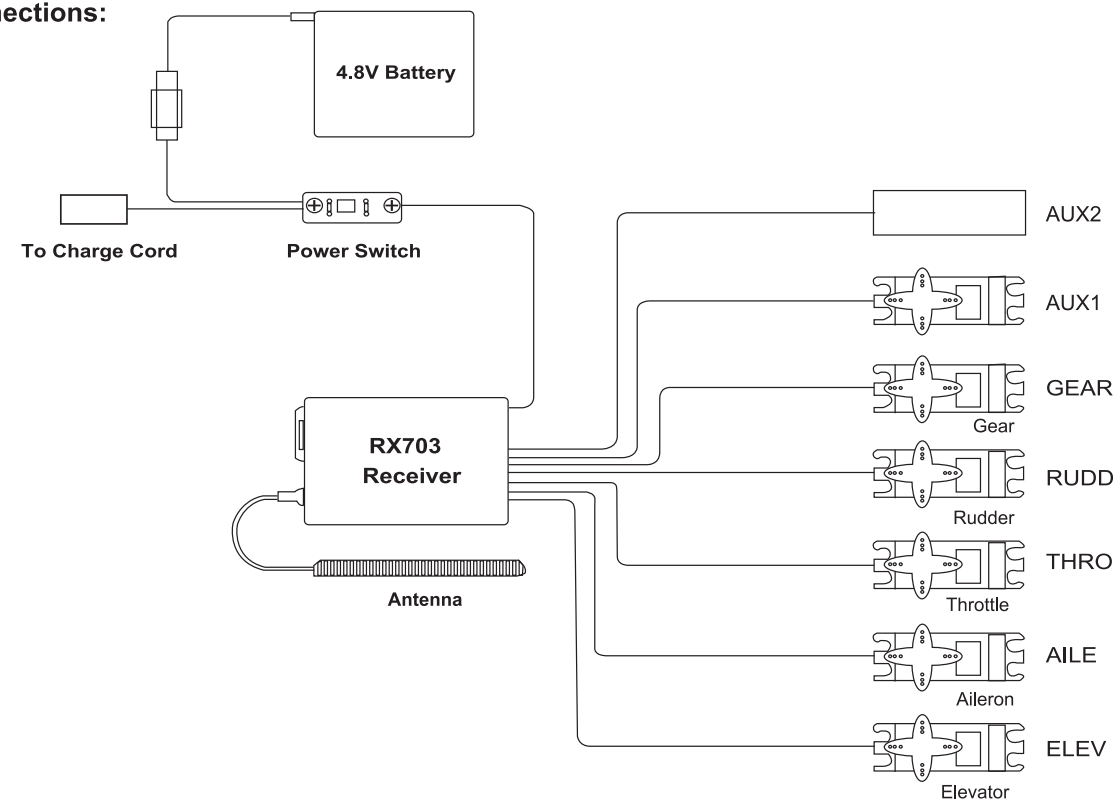
Many hobbyists own many nice models, but are usually short of an elaborate transmitters. They are quite good at flying, but don't know how to set up their transmitters. When they want to adjust their aircraft, they have to ask someone to re-set up the parameters. The setup, of course, is not exactly tailored for theirselves. The WK-0703 will meet all the demands. It is of powerful functions and of large LCD display and easy function menu with elegant blue backlight.

1.1 Control Identification and Location



1.2 Backboard Identification

1.3 Connections:



1.4 WK-0703 Input Key Function

EXT: Resetting key. Press the EXT and then press the ENT, you can enter or exit the main menu.

ENT: Confirmation key. Pressing the ENT key may enter the system or function mode.

·UP: Up key of Function selection.

·DN: Down key of Function selection.

+R: Move the cursor rightward to increase the setting value.

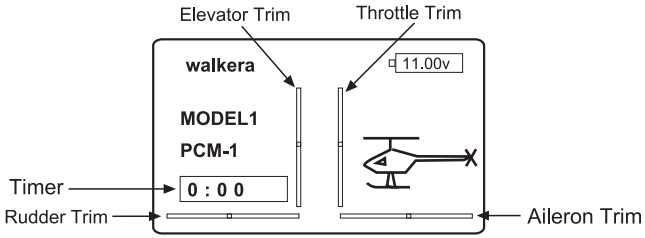
L-: Move the cursor leftward to decrease the setting value.

1.5 Channel Assignment

Channel #	Tx Function	Airplane Function
1	ELEV	Elevator
2	AILE	Aileron
3	THRO	Throttle
4	RUDD	Rudder
5	GEAR	Gear
6	AUX1	Pitch/Aux1
7	AUX2	AUX 2
8	BATT	Battery

1.6 Home Screen

Here are the home screen and its descriptions.



2.0 Function Menu Mode

The WK-0703 offers the easy-to-control Function Menu. Switch on the power of the transmitter. Press and hold the EXT key and then press the ENT key to access the Function Menu (main menu) mode. Function Menu includes the following contents:

2.1 Model: model

2.2 Mdlsel:

MDLSEL: model selection. It can memorize 8 models' data. In order to avoid confusion, inputting model name for each model is strongly recommended.

2.3 Name: model name

2.4 Chnmod: channel style.

There are six channels and two changed ways.

2.5 Swash

SWASH: the types of swashplates include 1SERVO, 2 SERVOS, and 3 SERVOS.

2.6 Step

STEP: trim set-up

2.7 Copy

COPY: the COPY function offers you to freely copy all the settings of your current model to another memory within the same transmitter.

2.8 Alarm

ALARM: the WK-0703 offers the alarm function to set the flight time, battery low voltage and alarm tone.

2.9 Disp

DISP: Display function enables you to adjust the LCD contrast and to turn on/off the backlight.

2.10 Reset

RESET: Reset function helps you re-set the factory default settings.

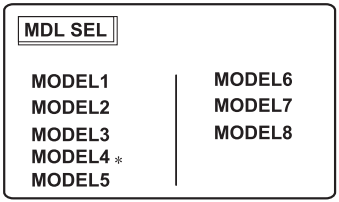
3.0 Function Mode Setting

3.1 Model

In the Function Menu, press UP or DN to select MODEL and access by pressing the ENT key to set the parameters.

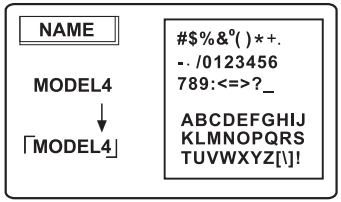
3.2 Model Selection

In the Function Menu, press UP or DN to select the MDLSEL and access by pressing the ENT key. The WK-0703 is capable of memorizing 8 models' data. In order to avoid confusion, you are recommended to input names for each mode. The selected mode will be automatically marked with an asterisk "*".



3.3 Name

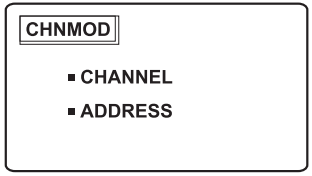
In the Function Menu, select NAME and access by pressing the ENT key.

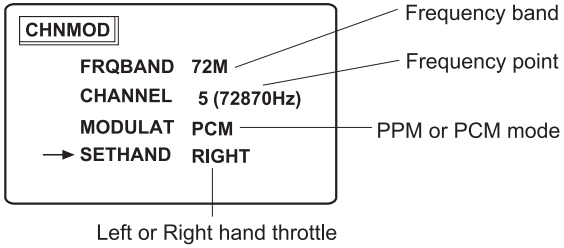


Press UP or DN key to move the cursor to the selected characters. Then press L – or + R to select the characters and press the ENT key to save.

3.4 Channel Type (CHNMOD)

First press the EXT and then press the ENT to enter the main Menu, Choose the CHNMOD after pressing the UP or DN, After pressed the ENT, then press UP or DN to move the cursor to choose the CHANNEL MODULAT, Press the ENT and then press UP or DN to move the cursor to choose the CHANNEL. Press L- or +R to choose the necessary frequency; Press the key of UP or DN move the cursor to choose the MODULAT, and then press the key of L. - or +R choose PPM or PCM; Press the key of ENT to save the changed datum.





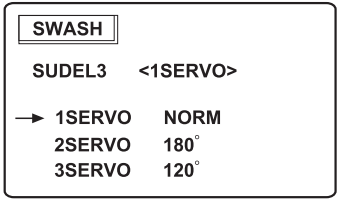
The trim way of WK-0703 shoot electric wave can choose PPM or PCM, but please you choose suitable trim way according to your using type of receiver, use PCM model when it is normal. Attention please, when you choose the new kind of model. You have to press the key of ENT to save; you can't turn off the power switch directly. Then close the power. Otherwise your operation will be failed to save.

3.5 Swashplate Type

In the Function Menu, press UP or DN to select the SWASH and access by pressing the ENT key. Then press UP or DN to select the type.

The WK-0703 provides three modes to select: 1 servo (NORM), 2 servos (180 degree spacing helicopter), and 3 servos (120 degree spacing helicopter), respectively. 1 servo is a normal mode (non CCPM), and it is controlled by one servo.

3 servos are used to run CCPM mode (cyclic-collective-pitch-mixing mode). It utilizes three servos to operate the swashplate in the form of mixing manner to control over the functions of the aileron, elevator and pitch. CCPM is the most popular control manner because the transmission structure is simplest and three servos simultaneously operated release the servos' load.

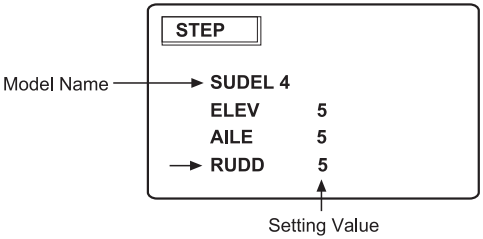


If 1 servo (NORM) is selected, it doesn't enter the swashplate mixing setting on the function mode.

3.6 Trim Step Setting

In the Function Menu, press UP or DN to select the STEP, and access by pressing the ENT key. Then press UP or DN to select the current model, and enter by pressing the ENT key.

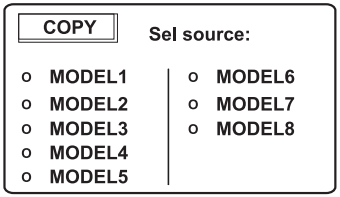
The trim step setting is ranged from 1 to 10. Press the UP or DN key to select the subject, and press L – or + R to modify the value.



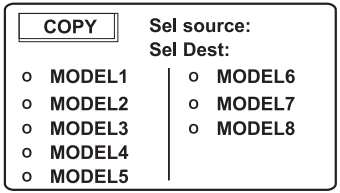
3.7 Copy Function

In the Function Menu, press UP or DN to select the COPY and access by pressing the ENT key. Then press UP or DN to select the model which you want to copy.

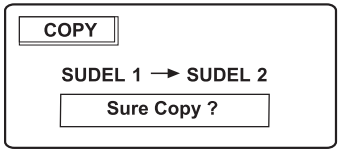
The WK-0703 offers the function with copying all the settings of your present model to another model within the same transmitter. It facilitates to set up one aircraft into several ways. The picture below shows the manner of copying model 1 to model 2. Press ENT key and access the COPY key, and press UP or DN to select the model 1 you want to copy.



Press the ENT key and appear “sel dest” in the top right corner of the screen.



Press UP or DN to select the MODEL 2 which the data will be saved in. Press the ENT key, and a dialogue box “sure copy” appears. Press the ENT key to save if you want to copy.



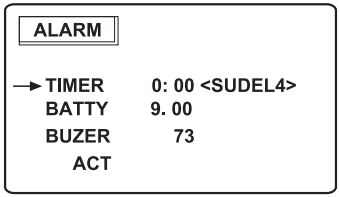
3.8 Alarm Setting

In the Function Menu, press UP or DN to select the ALARM and access by inputting the ENT key.

The WK-0703 offers the settings of the timer, battery low voltage and alarm tone.

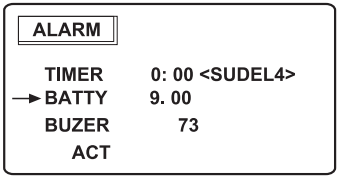
3.8.1 Timer

The WK-0703 offers the stopwatch timer function. Press UP or DN to move the cursor to the TIMER, and press L – or + R to set the data. The up count will up count to 59'50" (59 minutes 50 seconds).



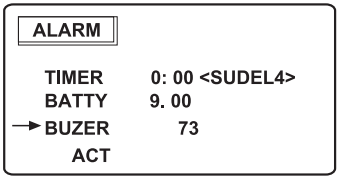
3.8.2 Battery Low Voltage Alarm

Press the UP or DN to move the cursor to the appointed BATTERY. Press L – or + R to adjust the settings. The alarm voltage level of the battery is from 7.30 to 10.30 V. 9.0V is commended to be set as the warning threshold.

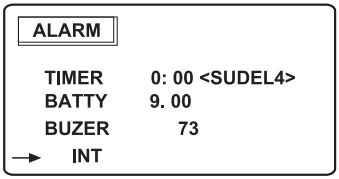


3.83 Buzer

Press UP or DN to move the cursor to the BUZER, and press L – or + R to adjust the setting. According to the personal hearing favor, the alarm sound can be set from 50 to 100.

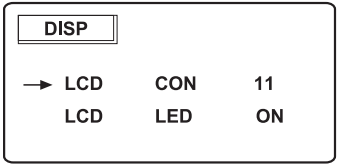


The WK-0703 provides the alarm cancel function. Press UP or DN to move the cursor to ACT key, and press L – or + R until ACT is changed into INH.



3.9 Display

In the Function Menu, press UP or DN to select DISP and access via pressing the ENT key.

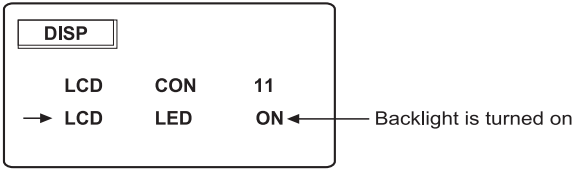


3.9.1 LCD Contrast

Move the cursor to select LCD CON and adjust the contrast by pressing L. – or +. R.

3.9.2 Backlight Adjustment

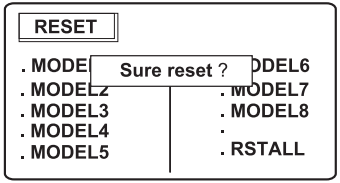
Press UP or DN and move the cursor to select LCD LED and press L – or + R to appear ON or OFF on the screen. ON means the backlight is turned on and OFF means the backlight is turned off.



3.10 Display

In the Function Menu, press UP or DN to select the RESET, and access by pressing the ENT key.

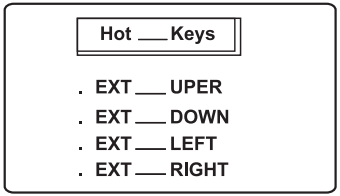
The WK-0703 offers the RESET function to reset the factory default setting. Press UP or DN and move the cursor to select the model you want to reset, and access by pressing the ENT key. Then a dialogue box of “Sure Reset” appears on the screen. Press ENT to reset and press EXT to exit. If you want to reset all the models’ data to the factory settings, press UP or DN to select the RSTALL and press the ENT key. Then a dialogue box of “Reset All” will show Press ENT to resume all the data and EXT to exit.



3.11 Hot-key setting

The WK-0703 offers the Hot-key function to handle the frequent setting pages as hot keys (shortcut key). If the pilot wants to set the servo Travel Adjustment (refer to Travel Adjustment) as the Hot Key, for example, he just presses the EXT key and the corresponding hot key to get the desired page after the servo Travel Adjustment is set up. The function is capable of setting up to 4 Hot Keys. Below is the concrete way to set the Travel Adjustment as the Hot Key:

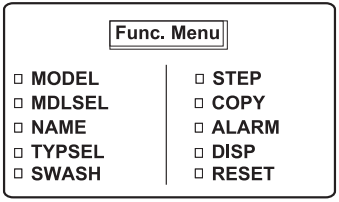
In the Function Menu, press UP or DN to select the MODEL and access by pressing the ENT key. Then press UP or DN to select the TRVADJ and enter by pressing the ENT key. Move the cursor to select the desired function such as AILE, press UP or DN to choose the value (the selected one will blink on the screen), and adjust the value one by one via pressing L. – or + R. Lastly press UP and DN simultaneously after the values have been adjusted. Press UP or DN to select one of the hot key combinations you prefer, e.g. EXT_LEFT. Press the ENT key to confirm the setup of the hot key.



When accessing the hot key setting, just simultaneously press the EXT key and the corresponding key. In the above sample, just simultaneously press the EXT and L. – keys to directly get the AILE page and facilitate to adjust the parameters.

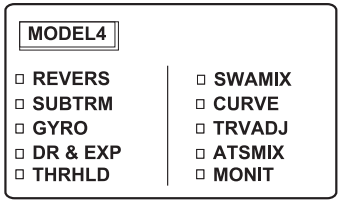
4.0 Function Setup

Switch on the transmitter power. Press and hold the EXT key firstly, and then press the ENT key to access the Function Menu.



4.1.0 Model

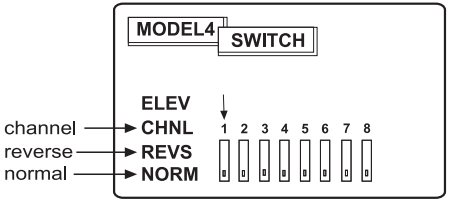
Press the UP or DN key to select MODEL, and access by pressing the ENT key.



4.1.1 Reverse

Press the UP or DN key to select the REVERS, and press the ENT key to enter.

The REVERSE switch is an electronic means of reversing the direction of a given servo. All seven channels of the WK-0703 offer reversible servo direction. This will facilitate setup during servo installation in your aircraft.

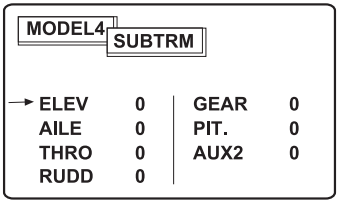


4.1.2 Subtrm

In the Function Menu, press UP or DN to select the MODEL and access by pressing the ENT key. Then press UP or DN to select SUBTRM.

The SUBTRM allows you to digitally fine tune the centering of your servos. All the seven channels can be individually adjusted with a range of 250. You are recommended to set up the servo center via adjusting the bell crank's angle.

Note: excessive usage of the sub-trim adjustment will overrun your servo's maximum travel.



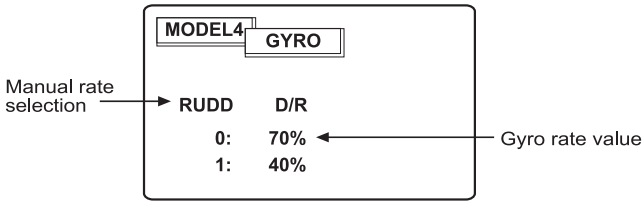
4.1.3 Gyro

In the Function Menu, press UP or DN to select the MODEL and access by pressing the ENT key. Then press UP or DN to select GYRO.

The WK-0703 offers you with two conversion modes of the gyro rate: manual and automatic. Manual conversion mode: to control gyro sensitivity via adjusting rudder dual rate. Automatic conversion mode: to adjust gyro sensitivity by automatically switching flight mode switch.

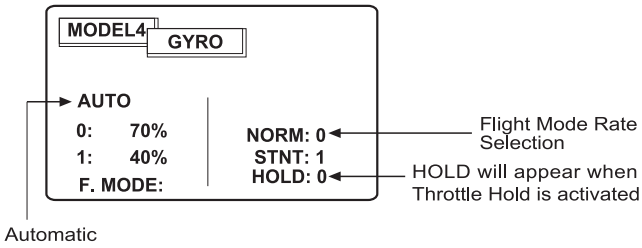
4.1.3.1 Manual Gyro Sensitivity Adjustment

Manual Gyro Sensitivity Adjustment allows the pilot to select from two different gyro sensitivities during all flight conditions (RUDD D/R will appear on the WK-0703). Position 0 is suitable for static flight, and its sensitivity is approximately 70%. Position 1 is suitable for altitude flight, and the sensitivity is approximately 40% (**Note:** the factory settings for the Position 0 and 1 are 50% individually).



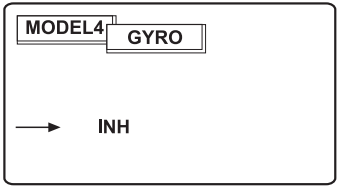
4.1.3.2 Automatic Gyro Sensitivity Adjustment

The Automatic Gyro Sensitivity Adjustment feature allows the pilot to automatically alter the sensitivity of the gyro from either two pre-determined settings through the use of the Flight Mode Switch. As different flight modes are selected (Normal, ST-1, ST-2, HOLD), the Gyro's sensitivity rate will switch to the pre-determined compensation rate for each particular flight mode in use.



4.1.3.3 Inhibit

Press UP or DN and move the cursor to AUTO or RUDD D/R mode. Press L. - or +. R to change the AUTO mode into the INH.

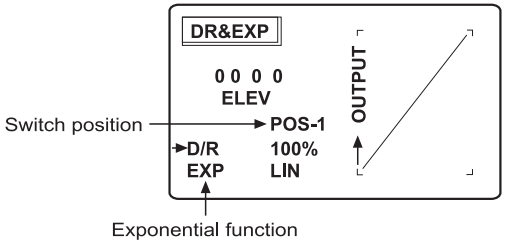


4.1.4 Dual Rate and Exponential

In the Function Menu, press UP or DN to select the MODEL and access by pressing the ENT key. Then press the UP or DN to select DR & EXP and then enter by pressing the ENT key.

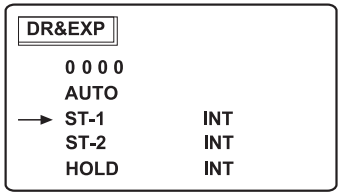
Dual rates are available for the aileron, elevator, and rudder channels of your helicopter. The adjustable travel is ranged from 0 to 125%. Either the switch is at the position of 0 or 1, the factory setting, or default value, is 100%. Either switch position may be selected as the low or high rate by placing the switch in the desired position and adjusting the value accordingly. The exponential function (EXP) can be adjustable from 0% (LIN, Linear) to 100% in 1% increment. Exponential function only affects the sensitivity of the stick near the central location, but doesn't affect the travel amount. If the exponential function is set as positive value, the stick at the central location will be gentle.

Dual Rate can be defined as the ability to alter the travel or throw rate of a servo from a switch. Due to various travel rates, you will find the sensitivity of the stick will increase or decrease accordingly. When the dual rate is set high, the sensitivity will accordingly increase. Dual rate running in conjunction with the exponential function will help you more precisely tailor your control throws.



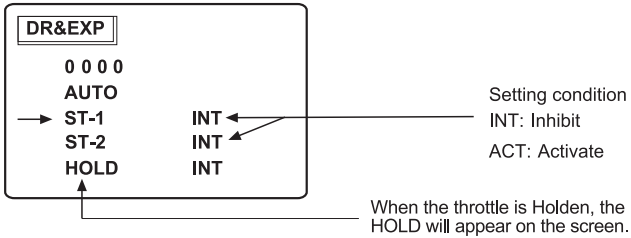
4.1.4.1 Automatic Dual Rate, Exponential Function

Move UP or DN to access the following graphics.



Given the Automatic Dual Rate function is activated (ACT). When switching the Flight Mode switch to ST-1, ST-2, or switching the Autorotation Landing to ON, the Dual Rates of the aileron, elevator and rudder should be switched to the Position 1. If the Automatic Dual Rate function is set as one flight mode, when you switch to the flight mode, the AUTO will appear on the D/R screen. Once the Automatic Dual Rate function is activated, the AUTO will appear on the DR/EXP screen.

Press UP or DN to move the cursor to the desired model, and press L – or + R to change the current status into ACT or IHN.



4.1.4.2 Rudder Automatic Dual Rate Setting

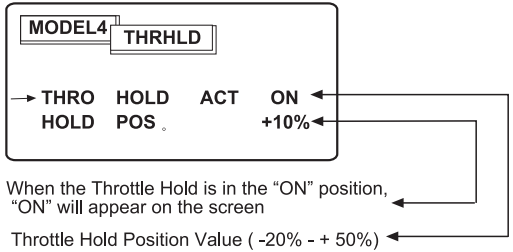
Typical dual rate setting is shown as below:
Positions of the dual rate: Position 0 (decreasing the servo travel for hovering flight); Position 1 (maximum servo travel for aerobatic flight).
e.g.: the dual rate value at Position 0 is set as 80%, and the dual rate value at Position 1 is set as 100%.

4.1.5 Thrhld and Gear

In the Function Menu, press UP or DN to select the MODEL and access by pressing the ENT key. Then press the UP or DN key to select HLDINV and press the ENT key to enter.

4.1.5.1 Throttle Hold

The purpose of executing “THRHLD (Throttle Hold)” is to offer the pilot with Autorotation Landing protection. Switch THRHLD forward to ON and backward to OFF. The factory setting for the throttle hold is inhibited. It can be activated (ACT) by pressing L – or + R. Once the THRHLD is activated, HOLD Pos (Hold Position) will appear on the screen. That means the throttle is Holden at THIS position. The adjustable range is between – 20% and + 50%.



Adjustment Step

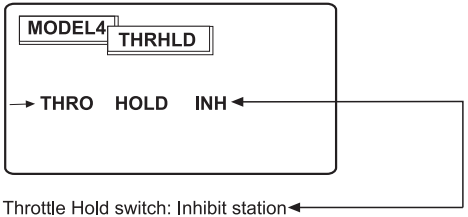
1). Start the engine, and leave your helicopter in the ground not to fly. Ensure the throttle stick is at the lowest position. The engine is running at idling speed and main rotor blade cannot rotate.

2). Switch the Autorotation Landing switch to ON position. If the flameout of the engine happens, please increase the value of HOLD Pos and repeat Step 1.

3). If the engine RPM at idling speed is too fast, please decrease the value of HOLD Pos.

4). The adjustment will be finished until no flameout happens and main rotor blades don't rotate.

5). If you want to cancel the Throttle Hold function, please alter ACT into INH.



Throttle Hold switch: Inhibit station

4.1.5.2 Gear

If the locked switch of throttle is the state of ban. The HOLD / GEAR switch is the function of GEAR.

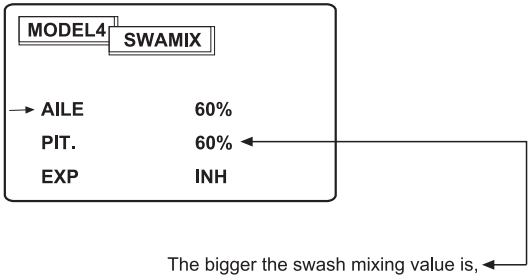
4.1.6 Switch Mixing

In the Function Menu, use UP or DN to select the MODEL and press the ENT key to access its submenu. And then move UP or DN to select SWAMIX and press the ENT key to access. **Note**: The function cannot be experienced unless 2 to 3 servos are previously selected in the SWASH in the Function Menu.

CCPM is a kind of pitch mixing type. Several servos connect to the swashplate and together drive the pitches. Three types of swashplate are available below:

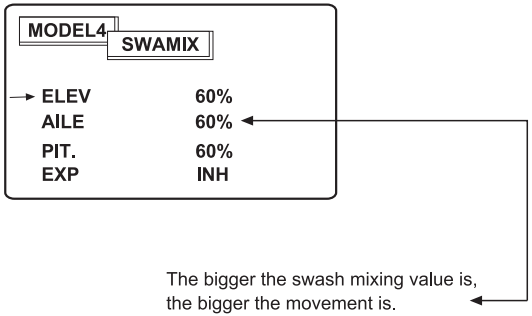
1. **One servo (NORM):** It is the most popular type and is to use one servo to move the pitch. If 1 servo model is selected in the SWASH of the Function Menu, the SWAMIX will be forbidden to enter.

2. **2 Servos (180 degrees):** It uses two servos to move the swashplate to alter the pitch, spaced at 180 degrees.



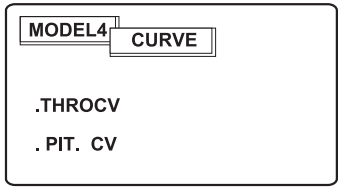
The bigger the swash mixing value is, the bigger the movement is.

3. 3 servos: This type employs three servos to move the swashplate, spaced at 120 degrees.



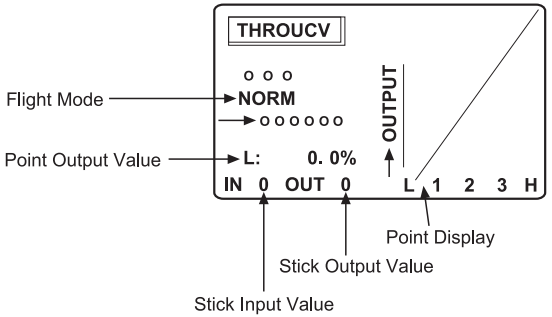
4.1.7 Curve

In the Function Menu, press UP or DN to select the MODEL and access by pressing the ENT key. Then press UP or DN to select the CURVE and enter by pressing the ENT key.



4.1.7.1.0 Throttle Curve

Press UP or DN to select the THROCV



The WK-0703 offers three flight modes: N (Normal, suitable for hovering and static flight), ST-1 and ST-2 (ST-1 and ST-2 are suitable for altitude and aerobatic flights), respectively. Each flight mode is in possession of separate throttle curves with five adjustable points per curve: L (Low, the throttle stick is at the lowest position), Point 1, Point 2, Point 3, and H (High, the throttle stick is at the highest position). Press UP or DN to move the adjustable points, and press L – or + R to alter the setting value. The adjustable range is between 0 and 100%.

4.1.7.1.1 Throttle Trim Setting

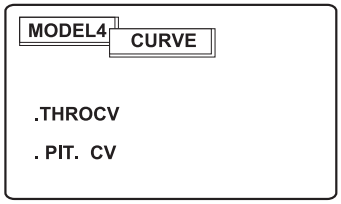
The position of the Throttle Trim Setting is shown in the section of “1.1 Control Identification and Location” on page 2.

The function of the Throttle Trim is to adjust the engine at idling speed to reach stably running state. When adjusting, pull down the throttle stick to the lowest point, and then adjust the Throttle Trim and make the engine stably run at idling speed. The Throttle Trim lever is only active when the flight mode switch is in the normal position.

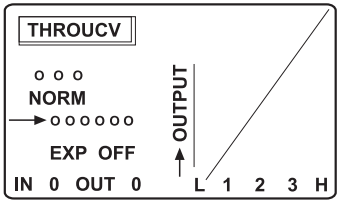
Using the Throttle Trim to adjust engine idling speed is not a good idea. The optimal manner is to keep the Throttle Trim lever at the neutral position and then to adjust the preset value of the throttle and make the engine running at stable idling speed.

4.1.7.1.2 Exponential Throttle Curve Function

In the CURVE submenu, move UP or DN to select the THROCV and access via pressing the ENT key.



Press UP or DN until the current mode EXP OFF or EXP ON is appeared on the screen.



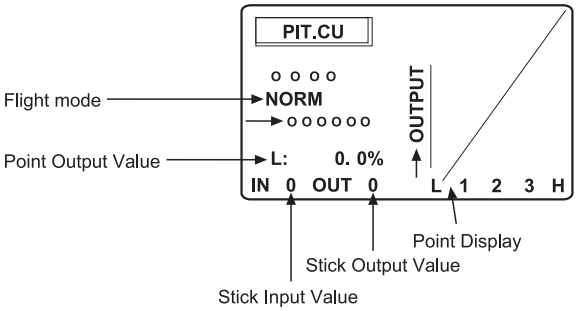
Then press L. - or +. R to change the EXP OFF into EXP ON. the exponential curve is to make the servo smoothly moving.

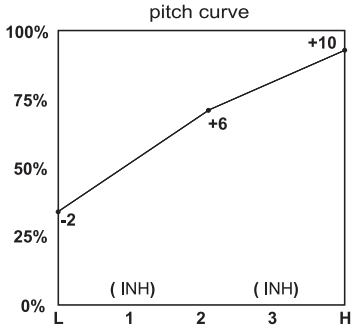
The WK-0703 throttle curves are selectable to be either straight (LIN, Linear) or curved (EXP, Exponential). The characteristic of the exponential curve is to make the servo smoothly moving.

4.1.7.2.0 Pitch Curve

In the Function Menu, press UP or DN to select the MODEL and access by pressing the ENT key. Then press UP or DN to select the CURVE and enter via pressing the ENT key. Press again UP or DN to select the PIT. CV and access by pressing the ENT key.

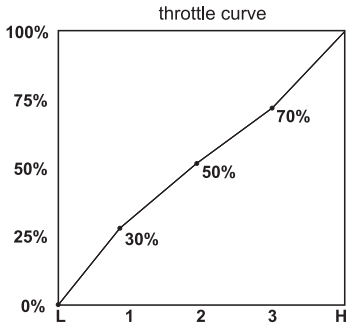
The method for setting Pitch Curve is very similar to the Throttle Curve. There are four flight modes: N (Normal), ST-1, ST-2, and THRO Hold (Throttle Hold). Every flight mode is in possession of separate pitch curve with 5 adjustable points: L (Low, the throttle stick is at the lowest position), Stunt 1, Stunt 2, Stunt 3, and H (High, the throttle stick is at the highest position). Use UP or DN keys to select Pitch Curve and access by pressing L- or + R. The adjustable range is from 0 to 100%. **Note:** when setting pitch curve for throttle hold, it is necessary for the throttle hold to be active. If the function is inhibited (INH), the throttle hold will be invisible on the screen.



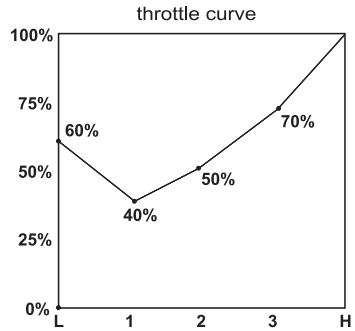


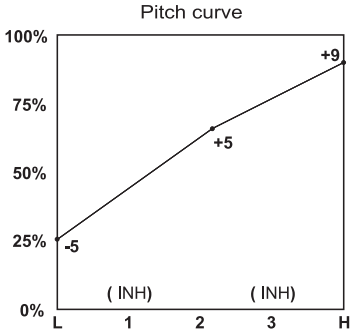
4.1.7.3 Examples of the Throttle Curve and Pitch Curve

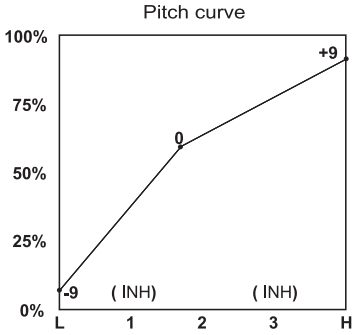
The examples of the throttle curve and pitch curve are just used for your reference. Adjustment to the actual flights is a must.

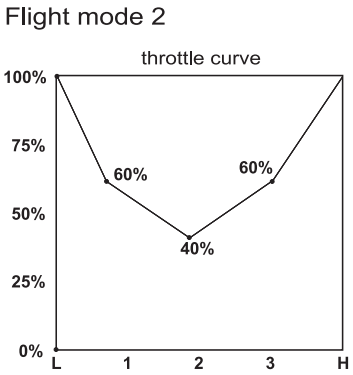


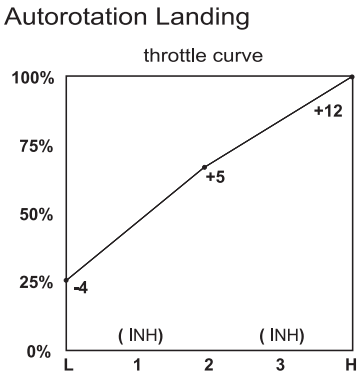
Flight Mode 1







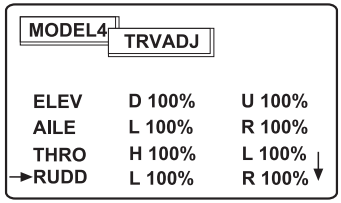


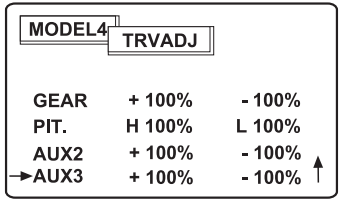


4.1.8 Travel Adjustment

In the MODEL menu, press UP or DN to select the TRVADJ and access by pressing the ENT key.

The purpose of the Travel Adjustment is to offer you precise servo control deflection. The range of the adjustable travel adjustment is from 0 – 150% (0°- 60°). It can be adjusted for the vertical and horizontal directions. All the factory settings are 100%. The settings for the travel adjustment occupy two pages of electronic paper. It can be turned by pressing UP or DN. When adjusting the travel value, please press UP or DN to select the position you desire, and press + R or L – to alter the setting value.





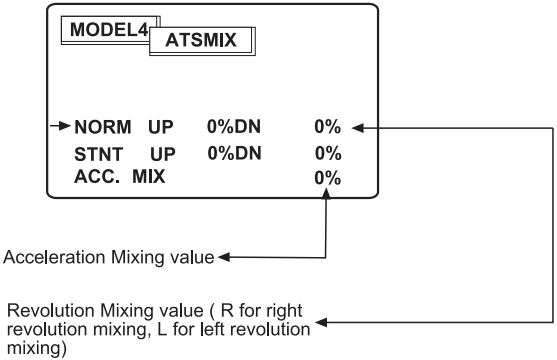
4.1.9.0 Revolution and Acceleration Mixing

In the MODEL menu, press UP or DN to select the ATSMIX and access by pressing the ENT key.

The Revolution Mixing function mixes tail rotor input with the Throttle/ Collective function to counteract from the main rotor blades. If the function is set properly, the helicopter will not yaw during the process of ascent or descent. Because the changes of the main rotor RPM and the pitch will result in the torque change, the tail rotor pitch should be altered to compensate for the torque. There are two revolution mixing programs in the WK-0703: NORM and STNT. NORM is corresponding with the flight mode Normal, and STNT corresponding with the flight modes of ST-1 and ST-2. Each revolution mixing program offers with two adjustment points: UP and DN. UP is used for the tail rotor compensation for the throttle stick settings from middle to high. DN adjusts the tail rotor compensation for the throttle stick settings from middle to low. L and R show the direction of compensation.

4.1.9.1 Revolution Mixing Setup

The set-up manners below are used for the clockwise main rotor helicopter. The first step is to hover the helicopter in a neutral position with the tail rotor trim and revolution mixing at center. If the helicopter yaws, please adjust the length of the tail rotor ball linkage to a stable hover. Then gradually increase the throttle stick to make the helicopter vertically climb. If the helicopter (with the tail facing the pilot) yaws leftward, please increase the UP value. If the helicopter yaws rightward, please decrease the UP value. Repeat the step until the helicopter doesn't yaw. The second step is to hover the helicopter at a safe altitude and pull down the throttle stick to the lowest position. During the descending process, if the helicopter yaws rightward, please increase the DN value. If the helicopter yaws leftward, please decrease the DN value. Repeat the step until the helicopter doesn't yaw. When attempting this procedure, throttle stick movement should be slow, and the initial acceleration and deceleration swings should be overlooked.



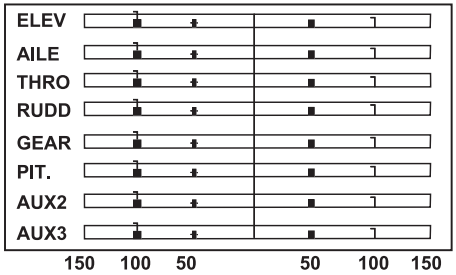
4.1.9.2 Acceleration Mixing

The WK-0703 offers the acceleration mixing function with compensations for the main rotor acceleration or deceleration torque. If quickly or slowly accelerating or decelerating the throttle, the torques from the main rotor is various. Under the help of gyro, the acceleration mixing setting is not necessary. Set the acceleration value at 0.

4.1.10 Servo Output Monitor

In the MODEL menu, press UP or DN to select the MONIT, and access by pressing the ENT key.

The WK-0703 offers the display function to show each servo's operating value. Each bar center displays the neutral position. Left or right dots indicate 50%, 100% and 150%.



5.0 WK-0703 Features

5.1 WK-0703 Features

Function menu of the WK-0703 is simple to understand and easy to set.

The transmitter case is ergonomically designed and the large LCD display is of elegant blue backlight with easy-to-read graphics.

The length or tight & loose can be adjustment using the rocker, and it convenient to change the left & right throttle each other.

The WK-0703 offers 3 flight modes. Each flight mode is capable of free setting and adjusting parameter in order to suit the various requirements for F3C or 3D aerobatic flights.

Adopting the locked ring of self-motion technique, there are six channels choused. Change the channel without changing the crystal.

Eight model memory storage.

Capable of gyro rate adjustment by transmitter, and convenient to hover and fly 3D maneuver.

Adjustable four hot keys facilitate the pilot to enter the set menu.

5.2 Receiver RX 702

Adopt the receiver of self-motion -lock screen, the sensitivity of the receiver is very high, and the anti-jamming is powerful. Take the SCM as CPU. It has powerful parse and there have six channels for choice. Change the channel without changing the crystal.

6.0 Transmitter Specification

Encoder ---------- 7-channel micro computer system

Modulation ---------- PCM/PCM

Output Power ---------- ⩽750Mw

Current Drain ---------- 200mA

Power Source ---------- 12x8 NiCad (9.6V 600 mAh)
or 1.5Vx8 AA dry batteries

Output Pulse ---------- 850 – 2050 Ms (1450 Neutral)

7.0 Receiver Specification:

Type ---------- 7-Channel PCM

Sensitivity ---------- 0.5 μ V (minimal)

Selectivity ---------- 8KZ/50db

Frequency Interval ---------- 20KZ

Weight ---------- 19g

Dimension ---------- 42.5 × 28 × 15.5mm

Antenna Length ---------- 1m

Receiver Battery ---------- 4.8V 1100mAh

8.0 Charger

Please fully charge the battery packs of the transmitter (if a rechargeable battery pack used) and the receiver before flight. The average charging time is about 12 hours. If the battery pack is brand new, the fully charging time for the first time will reach 15 hours. The WK-0703 original charger offers the transmitter battery pack with 50 - 100mAh current and the receiver battery pack with 120mAh current when charging. Ensure to use the proper charge rate before charging. **Note:** the central pin of the WK-0703 original charger's polarity is positive.

8.1 Charging Method:

Plug the charger into the electrical outlet of your local power and insert the input plug of the adapter into the output end of the charger. While inserting the round pin of the adapter into the charge jack of the transmitter, the TX LED indicator in the adapter will be red; while inserting the battery connector of the receiver in a correct direction into the flat pin of the adapter, the RX LED indicator of the transmitter will be red. During charging, maybe the charger and adapter become warm. This is a normal phenomenon. The voltage shown on the adapter is a little higher than the rated voltage of the battery pack in use. **Note:** When charging, the voltage of the electric supply must be accorded with the nominated voltage of the charger. Pay attention to the polarities when charging. Never use the after-market chargers other than WK-0703 originals to charge.

9.0 Control Stick Adjustment

The length and tension of the control stick are adjustable.

9.1 Control Stick Length Adjustment

To adjust the stick length, use the 1.5 mm Allen Wrench to unlock the set screw, and then turn the wrench clockwise or counterclockwise to adjust the stick length. After the stick length has been adjusted to suit your flying style, tighten the set screw.

9.2 Control Stick Tension Adjustment

Remove the RF module, battery pack and 7 back cover screws, and then remove the transmitter back case. Be careful not to damage or bend the RF module pins. Remove the PCB board (don't touch or break the wires), and adjust each screw for the desired tension (**Note:** clockwise to tighten stick and counterclockwise to loose the stick).

10.0 Neck Strap Usage

There is a Hook on the face of the WK-0703 transmitter. The neck strap can be hooked on the eyelet. The Hook located at the center is helpful to getting the optimal balance of the transmitter.

11.0 Radio Frequency

Both of WK-0703 and receiver utilize manually controlled PLL (phase-locked loop) to select the frequency points and save your crystal oscillators. There are total 6 frequency points to be selected. **Notice:** never use the same frequency radio equipments with other hobbyists in the same ground.

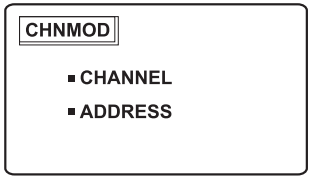
12.0 Method for Throttle Model Change

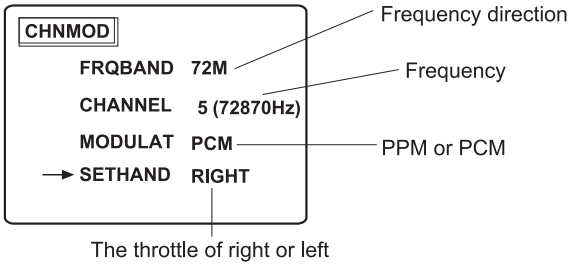
Take out the battery pack and RF module, unscrew these 4 fixing screws on the reverse of your WK-0703, and then remove its cover. **Notice:** don't break any cables inside!

Datum Switch

First press the key of EXT and then press the key of ENT to enter the main Menu, Choose the CHNMOD after pressing the key of UP or DN, After pressed the key of ENT, then press UP or DN to move the cursor to choose the CHANNEL MODULAT, Press the key of ENT and then press UP or DN to move the cursor to choose the CHANNEL. Press L- or +R to choose the necessary frequency; Press the key of UP or DN move the

cursor to choose the MODULAT, and then press the key of L. - or +R change into Right or Left, and then Press the key of ENT to save the changed datum.

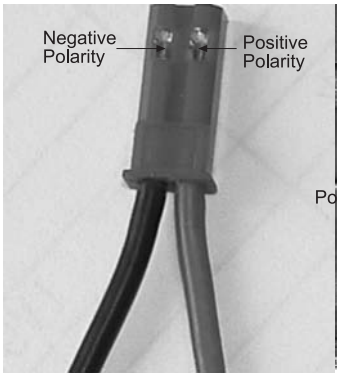


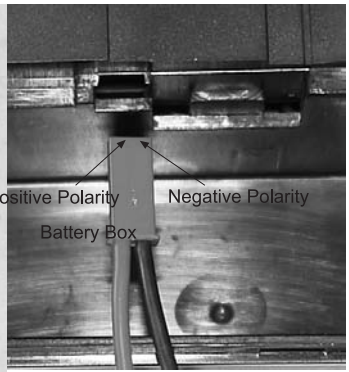


13.0 Installation Requirement

It is important to correctly mount your radio system in your model. Below are some advices on how to install your WALKERA equipment.

1. Installations of rubber grommets and copper sleeve to isolate the vibration are musts. The mounting screws cannot be over-tightened. Otherwise, the rubber grommets will be distorted and decrease the vibration absorption effect.
2. When mounting the servos, please make sure they can freely move over their whole travel ranges and ensure the control linkages don't touch or impede the movement of the servos.
3. Install various switches far away from the engine tuned pipe and far away from the high vibration area, and ensure all the switches move freely over their whole ranges.
4. When mounting the receiver antenna, please make sure that the main rotor and tail rotor blades or the propellers cannot entangle it.
5. Transmitter Battery Mounting: Please note the polarities when inserting the plugs.





R/C WALKERA PRODUCT

The specifications of the R/C Product may be altered without notice.