FCC ID : YDTHBT1000

FCC Statement:

This equipment has been tested and found to comply with the limits for Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Recorient or relocate the receiving antenna.

• Increase the separation between the equipment and receiver.

• Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

Notice: Modifications to this product will void the user's authority to operate this equipment.

$C\,\epsilon$

IMODEL

Functions

The Transmitter KT2S

Steering Wheel : Control direction (Left / Right) of the RC model.
Throttle Trigger : Control speed and direction (Forward/Brake/Backward) of the driving model.
Antenna : Transmit signal to the model.
Power ON / OFF : Power ON / OFF the transmitter
SYNC & Battery Indicator : Top Green LED light indicates synchronization status and/or adequate battery power supply.
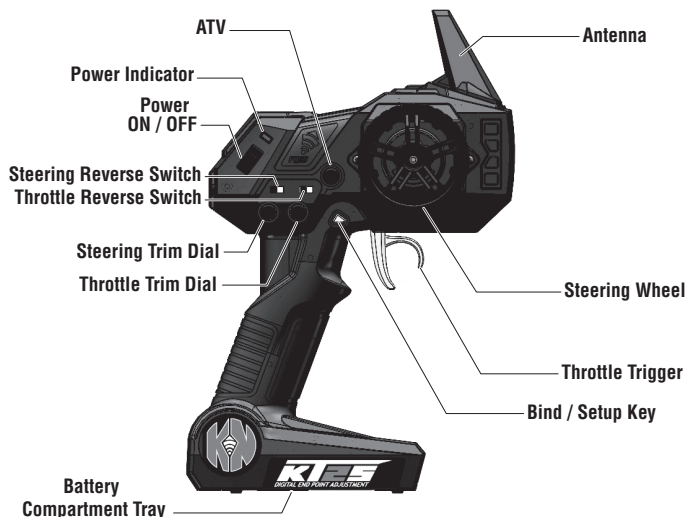**Power Indicator :** LED light indicates power "ON".
ATV : Adjustable Steering Rate by ATV dial
ST. Trim Dial : Adjust the neutral position of steering servo when model wheels are straight ahead.
TH. Trim Dial : Make sure the model stays still when releasing the throttle trigger.
Battery Compartment Tray : Cover and hold the batteries powering the transmitter.

* In general, user will experience under steer when making a wide turn at high speed or over steer when making sharp turn at high speed (easy to spin out). User should practice the throttle and steering approach for different cornering at different speed or road surface.

ATV
Power Indicator
Power ON / OFF
Steering Reverse Switch
Throttle Reverse Switch
Steering Trim Dial
Throttle Trim Dial
Battery Compartment Tray
Antenna
Steering Wheel
Throttle Trigger
Bind / Setup Key

Battery Installation

Supplied with 4 x 1.5V AA Batteries, KT2S can be operated a few hours. Installation: Remove the battery compartment cover as shown below.

Install the batteries observing the polarity marked on battery compartment.

Then reinstall the battery compartment cover as the Picture shown below.

Warning : Never disassemble batteries or put the batteries in fire, chemical agents, otherwise they may cause personal injuries or property damages.
Battery Disposal : Observe corresponding regulations about wasted battery treatment regulations.
1. After running out of power, dispose of wasted batteries in designated areas far away from water supply, household areas and planted areas.
2. Submit the wasted batteries to specific recycling stations.
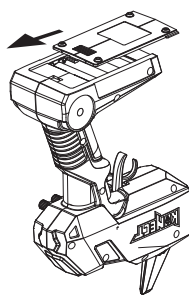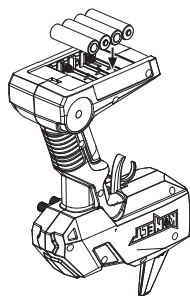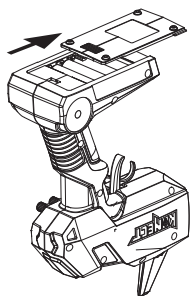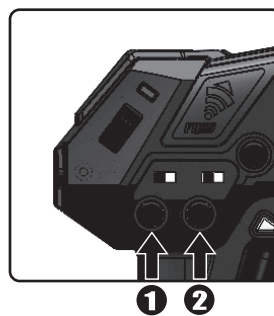
Battery LED Indicator

- During normal operation, the LED should be solid green ON
- when battery voltage is dropped below 3.8V, the LED will become red color and flashing very slowly, to indicate battery is low, you should replace new battery asap.

LED indicator
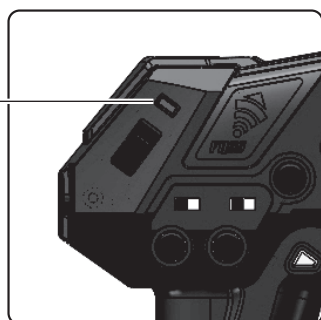
Pre-Run Check

1. Steering : Adjust the steering trim to keep the front wheels in straight line when steering wheel remains in NEUTRAL position.

2. Throttle : Adjust the throttle trim to ensure the rear wheels stop rotating when throttle trigger remains in NEUTRAL position.

❶ ❷

* Always turn on the transmitter first by sliding the switch on the left side from bottom to top. The green lights above the switch should light up. If not, you need to check for low or incorrectly installed batteries.

❶ Reversing

Reversing is used to change the response direction of steering wheel and throttle trigger.
KT2S Transmitter features 2 reversing functions: Steering Reverse and Throttle Reverse.
Steering Reverse: Reverse the response direction when operating steering wheel. Turning left steering wheel, the model turns right while turning right the model turns left.
Throttle Reverse: Reverse the response direction when operating throttle trigger. Pushing forward throttle trigger the model moves backward while pulling back, the model moves forward.
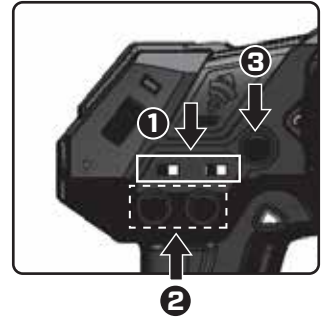
❷ Trimming

KT2S features two trimming functions:
Steering Trim and Throttle Trim.
Steering Trim Dial : Adjust the neutral position of steering servo when the wheels are straight ahead.
Normally steering trim is adjusted until the model can keep straight tracks.

Throttle Trim Dial :
Adjust neutral position of throttle servo. Make sure the model stays still when releasing the throttle trigger.

❸ Adjustable Steering Rate

Adjustable Steering Rate enables to adjust the same maximum steering angle of servo on both sides (Left and Right) when model makes steering. The Adjustable Steering Rate affects the sensitivity of servo. Reducing dual rate value can lower the sensitivity of servo and reduce the same maximum steering angle on both sides. Remember to adjust the dual rate value within the adjustment range.

Programming the End-points

1) Steering End-points programming
    - To set the Right End point of Steering:
       - During normal operation,
       - Hold the Steering wheel at right-most, and then hold the setup key over 1 sec
       - LED will become solid red color, and the Right End-point will be reset to max value
       - Next, use the steering wheel to let the steering servo point at the expected right most location. Now, pressing the setup key to save this Right End Point.
       - The LED will be flashed 4 times while data is saved.

    - To set the Left End point of Steering:
       - Similar to above, logically hold the Steering at Left-most position and hold the setup key over 1 sec.

2) Throttle End-points programming
    - To set the Forward End point:
       - Similarly, hold the Throttle at Forward-most position to set Forward End Point, hold the setup key over 1 sec to enter Forward End Point programming...
    - To set the Reverse End point:
       - Similarly, hold the Throttle at Reverse -most position to set Reverse End Point, hold the setup key over 1 sec to enter Reverse End Point programming...

Setup your radio:

Pairing your KR2S to your KT2S
1.Turn off the Transmitter and Receiver
2.Press and Hold the setup button on the receiver while turning on the receiver.
3.Release the setup button when the LED flashes green.
4. While the green LED flashes, press the setup button to select the frame rate.
   - Faster flashes= high frame rate (7ms), for digital servo
   - Slower flashes= low frame rate (15ms), for analog servo
5. Press and Hold the setup key of the Transmitter, and then turn on the Transmitter, the Transmitter will communicate with the RX. When the RX LED solid on, the pairing process is done, and this RX is paired with this TX.