UA42-A TRANSMITTER
OPERATING INSTRUCTIONS

2.4GHZ 4CH RADIO SYSTEM

V1.0

For more technical issues, please consult our customer service team

Thank you for purchasing our product! Should you have any questions, please feel free to contact our support team, we will resolve the problem for you as soon as possible!

Before installing and operating your new radio system, please take a few minutes to familiarize yourself with the various features of the system by reading this instruction manual thoroughly.

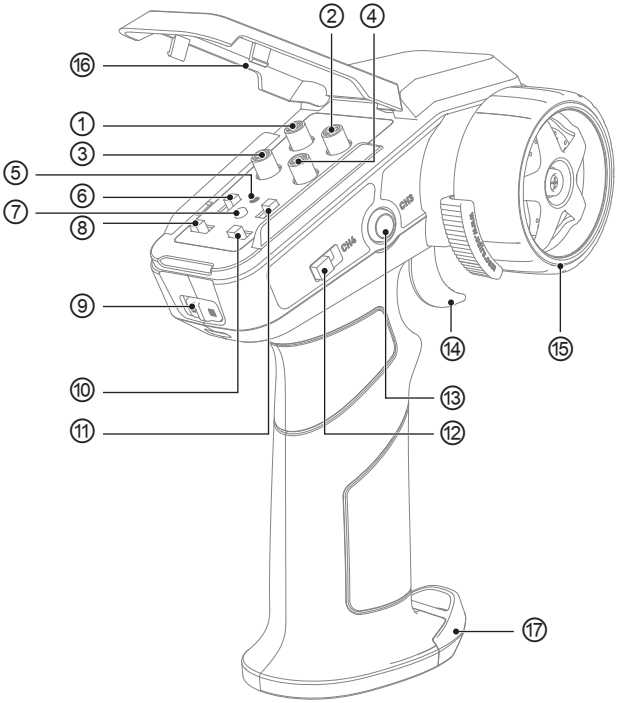
01 - SAFETY PRECAUTIONS

This product is a sophisticated hobby product and not a toy. It must be operated with caution and common sense and requires some basic mechanical ability. Failure to operate this product in a safe and responsible manner could result in injury or damage to the product or property. This product is not intended to be used by children without direct adult supervision, it is essential to read and follow all the instructions and warnings found in this manual prior to installation, set up, and use, in order to operate the product properly and to avoid damage or injury.

02 - TRANSMITTER DATA

Model:	UA42-A
Control Type:	Proportional
Frequency Band:	2.4GHz
Channels:	4
Control Distance:	197 ft (60m)
Size:	174×128×78mm
Iput Power Method :	1.5V AA Battery × 4pcs

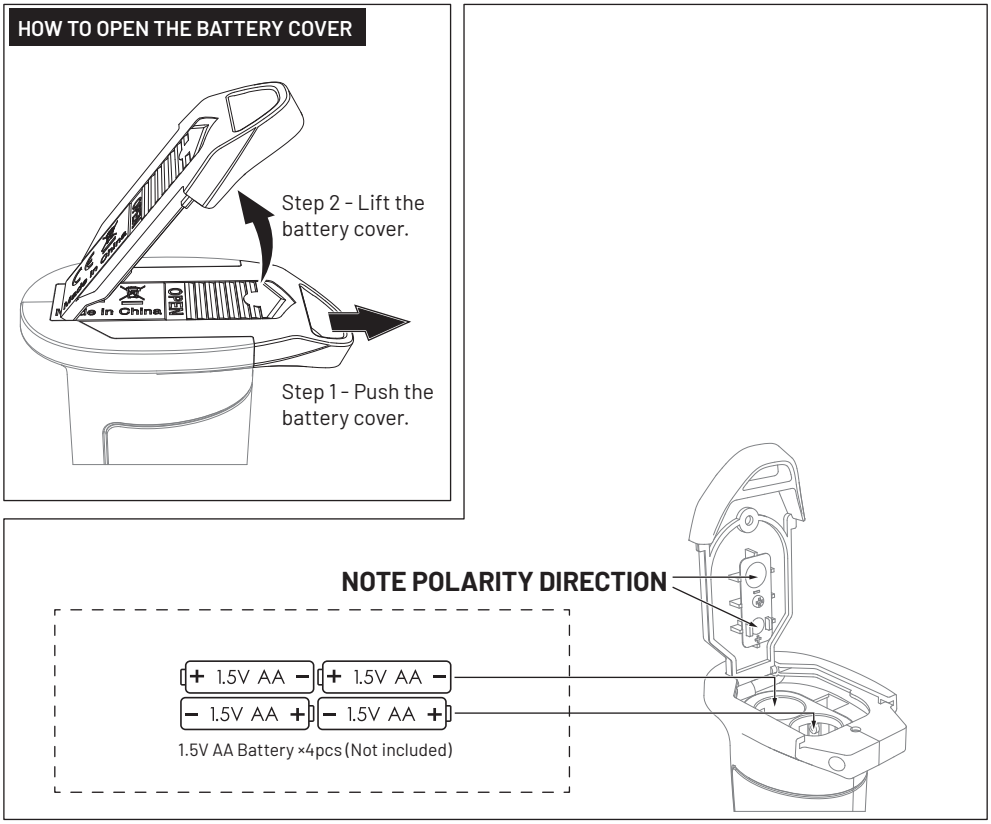
03 - TRANSMITTER FUNCTIONS



① F. ST. TRIM	Front Steering Trim, refer to 03-2 for detail.
② ST. D/R	Steering Dual Rate, refer to 03-4 for detail.
③ R. ST. TRIM	Rear Steering Trim, refer to 03-3 for detail.
④ TH. TRIM	Throttle Sub-trim. Refer to 03-5 for detail.
⑤ Transmitter Indicator	Refer to 03-8 for detail.
⑥ CH5	Tank Turn Mode. Refer to 03-6 for detail.
⑦ Mode selection button	Refer to 03-10 for detail.
⑧ TH. REV	Reverse for CH2
⑨ Power Switch	Power on / off the transmitter, refer to 03-9 for detail.
⑩ ST. REV	Reverse for CH1
⑪ CH6	Drag Brake, refer to 03-7 for detail.
⑫ CH4	Throttle Speed Limitation Switch, refer to 03-11 for detail.
⑬ CH3	Frequency Paring / Lamp control, refer to 03-12 for detail.
⑭ CH2, Throttle Trigger	Control the vehicle to forward, backward, refer to 03-13 for detail.
⑮ CH1, Steering Wheel	Control the vehicle to turn right / left, refer to 03-14 for detail.
⑯ Regulatory Interface Cover	To avoid dust or water splash.
⑰ Battery Cover	Battery installation, refer to 03-1 for detail.

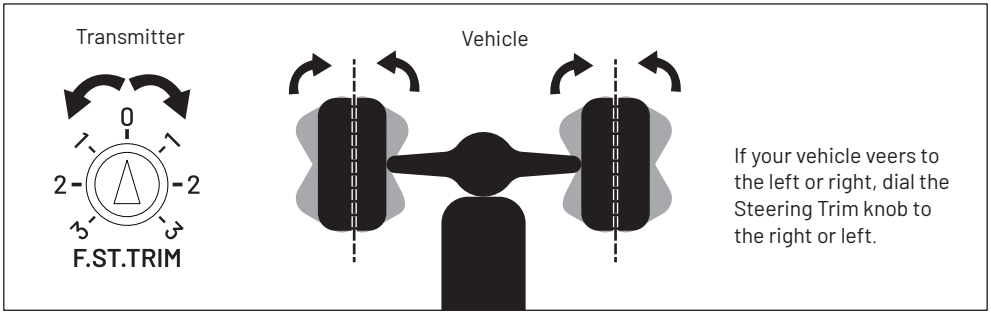
03-1 Battery Installation

Open battery cover at the bottom of transmitter. Install batteries. Follow the direction of batteries designated in the inside of the battery box.



03-2 F. ST. TRIM

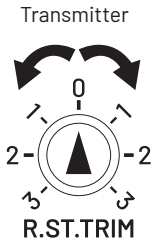
Steering Trim: Trim adjustment allows you to finely tune the inputs from your transmitter. It's the dial you reach for when your RC car isn't tracking straight. The steering trim is what helps navigate the RC car in a straight line.

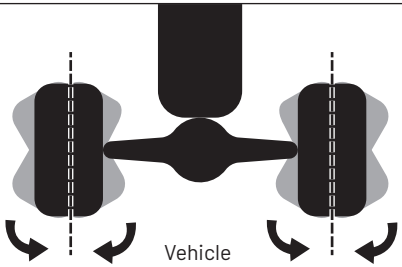


03-3 R. ST. TRIM

The rear wheels need to be upgraded to be steerable before they can be used.

Steering Trim: Trim adjustment allows you to finely tune the inputs from your transmitter. It's the dial you reach for when your RC car isn't tracking straight. The steering trim is what helps navigate the RC car in a straight line.



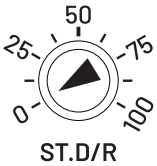


If your vehicle veers to the left or right, dial the Steering Trim knob to the right or left.

03-4 ST. D/R

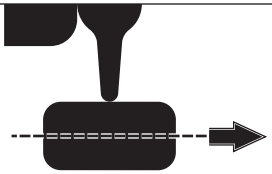
Steering Dual Rate: Steering Dual Rate knob can be set to control the steering throw: (1)Turning the knob clockwise to increase the steering throw.
(2)Turning the knob anticlockwise to reduce the steering throw.

Sample 1



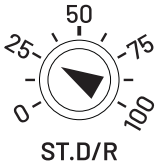
Step 1- Set the ST.D/R knot to "0" position.

Step 2- Dia the steering wheel of transmitter to the end.



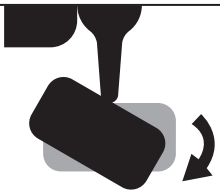
Result: The wheels cannot turn right or left, only can run straight, even you dia the steering wheel to the end.

Sample 2



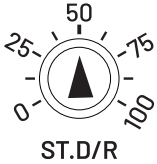
Step 1- Set the ST.D/R knot to "25" position.

Step 2- Dia the steering wheel of transmitter to the end.



Result: The wheels can turn right or left under 25% steering throw, turn wider than 0%(Sample 1).

Sample 3



Step 1- Set the ST.D/R knot to "50" position.

Step 2- Dia the steering wheel of transmitter to the end.

Result: The wheels can turn right or left under 50% steering throw, turn wider than 25%(Sample 2) and 0%(Sample 1).

Note: Above are the samples to help the players to under the ST. D/R function.

03-5 TH. TRIM

Before starting up, it must be set to "0".

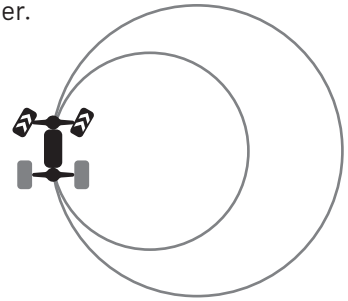
Throttle trim allows you to trim the values on the transmitter .It enables the car to cruise automatically at extremely low or extremely fast speeds: (1) Turn the knob clockwise and the car will move forward for cruising. (2) Turn the knob counterclockwise and the car will move backward for cruising.

Turn the knob counterclockwise. The car will cruise back. The larger the number, the faster the speed.

Turn the knob clockwise and the car will cruise forward. The larger the number, the faster the speed.

03-6 CH5, TANK TURN MODE

After activating the tank turn mode, the rear wheels of the car are locked and the front wheels rotate, making the turning radius of the car smaller.



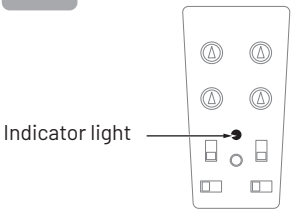
03-7 CH6, DRAG BRAKE

Activated, releasing the throttle triggers automatic braking.

Vehicles with dragging brakes coast a shorter distance.

Vehicles without dragging brakes coast farther.

03-8 TRANSMITTER INDICATOR LIGHT

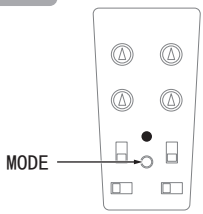


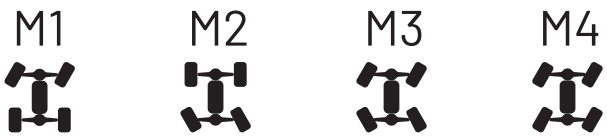
Situation 1: When the signal is weak or interrupted, the indicator will flash quickly.
Situation 2: When the power of the transmitter is low, the indicator light will flash slowly.
The above situation should be handled as soon as possible to avoid accidents.

03-9 POWER SWITCH

Please make sure the transmitter throttle trigger and Steering wheel are normal before starting up. Do not touch the throttle trigger when turning on the power of the transmitter.
After powering on, the transmitter will automatically pair with the device, and the indicator light will remain steadily lit. If the indicator light blinks, please refer to section (03-11) for troubleshooting instructions.

03-10 MODE





Default front wheel steering (M1), other modes available with purchase of rear wheel upgrade kit.

03-11 CH4, THROTTLE SPEED LIMITER SWITCH

The throttle speed limit function includes three speed : low speed, neutral speed and high speed.
Low speed are suitable for crossing roadblocks or climbing slopes. When in neutral speed, the motor is idling. The high speed is suitable for flat ground.

Low speed

Neutral

High speed

03-12 CH3, CONTROL BUTTON

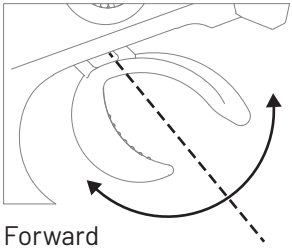
Function 1: Frequency Paring

If auto-pairing fails, turn off all power sources. ① Restart the SCR/ESC power supply; ② Press the CH3 button to turn on the transmitter power, then release CH3. When the SCR/ESC and transmitter indicator lights are constantly on, the frequency matching is successful.

Function 2: Short press to headlights switch. Long press for 3 seconds switches the fog lights.

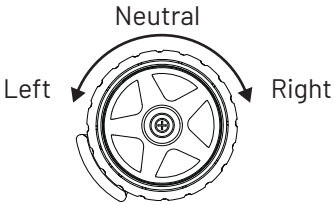
It need to upgrade the lighting components to use.

03-13 CH2, THROTTLE TRIGGER



Note:
When using the transmitter in electric powered vehicles, the throttle trigger should always remain in the neutral position. Otherwise the vehicle may suffer erratic operation of the throttle trigger functions.

03-14 CH1, STEERING WHEEL



It need to upgrade the lighting components to use.

Turn on the emergency flashers by twisting it left to hold for a maximum of 3 seconds.

Turn on the high lights by twisting it right to hold for a maximum of 3 seconds.

FCC Warning

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to 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:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

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

-Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.