

Instructions for GT15N four channel 2.4GHz remote controller

DESCRIPTION

Gt15n is a set of multifunctional 2 GHz remote control, which includes gt15nt four channel transmitter, a standard four channel receiver gt15nr and a 2 + 2 receiver gt15nrd with built-in LED controller and winch motor controller (optional). Gt15n is a set of remote control with simple operation and intuitive display. It is very suitable for vehicle model and ship model.

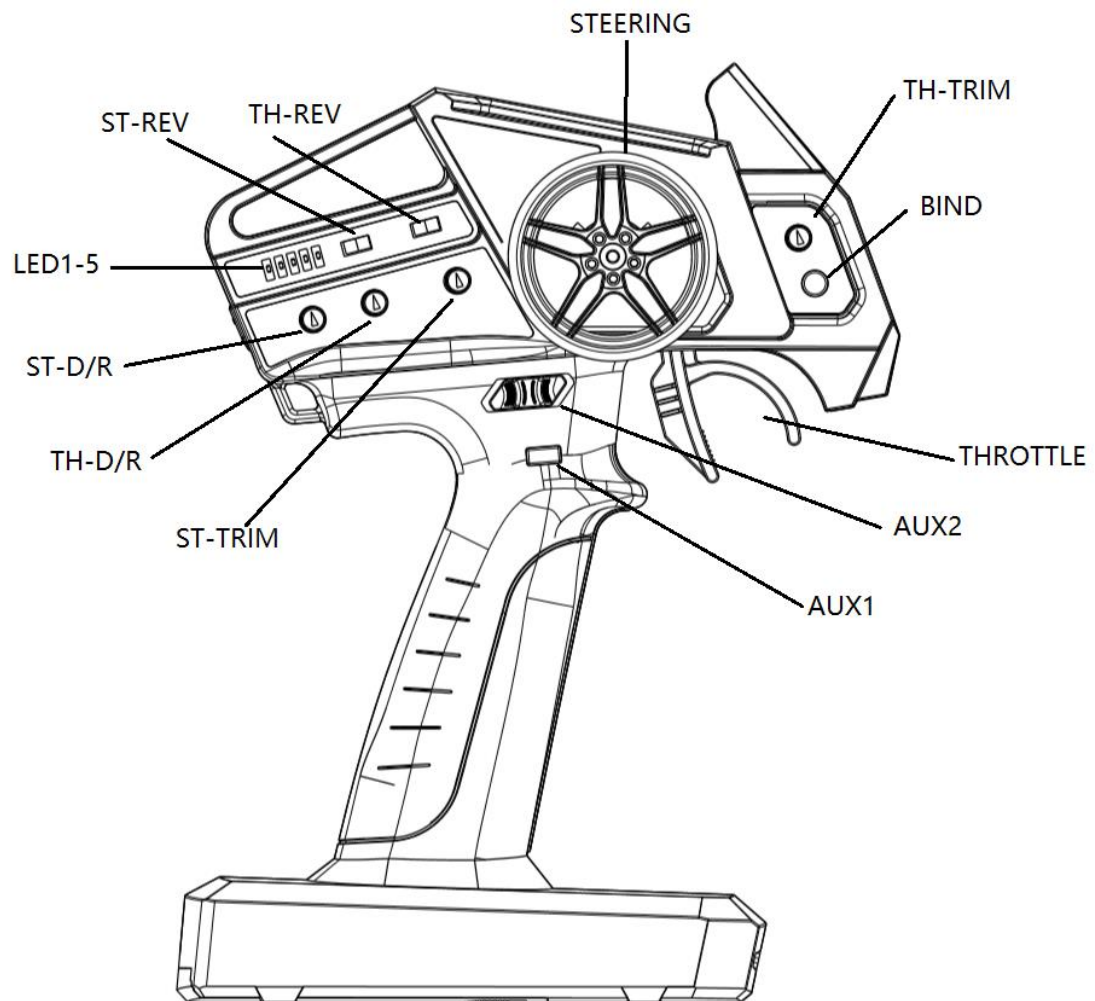
SPECIFICATIONS

- Transmitter Model: GT15N
 - Voltage Range: 4.4V-8.4V
 - Transmitter Frequency: 2.4G (FHSS)
 - FHSS Output Power: <100Mw
 - Remote control distance: >120m
 - Power Supply: 4 Cell AA Batteries
 - Configuration mode: Knob
 - Weight: 205g (Without batteries)
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- Receiver Model: GT15NR
 - Voltage Range: 5.0V-8.4V
 - Transmitter Frequency: 2.4G (FHSS)
 - Voltage Range: 2-3S Lipo or 5-9S NiMH
 - Receiver frequency: 2.4G (FHSS)
 - Size / Weight: 37*30*17mm / 40g

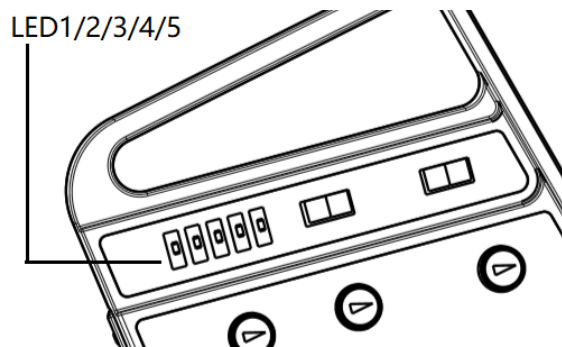
Functions of GT15NT transmitter:

4-channel transmitter, accelerator channel, direction channel, AUX1 key channel and aux2 three-stage switch; Th-trim, st-trim, th-dr, st-dr, th-rev, st-rev, th-epa and st-epa can be set; Transmitter LED display, with power display and alarm, trim, Dr and EPA regulation status display;

Appearance of GT15NT transmitter



Power display



LED1/2/3/4/5 : 100%

LED1/2/3/4: 80%

LED1/2/3: 60%

LED1/2: 40%

LED1: 20%

LED1/2/3/4/5 Decrease one by one and cycle, low voltage alarm.

EPA setting function

Trigger conditions:

Start + back + press AUX1 key

Function Description:

Take setting forward EPA as an example.

After the EPA setting function is triggered, the LED light in the middle flashes quickly (No. 3 light). At this time, pull the accelerator rocker to make it in the forward position. At this time, the LED light indicates the currently set EPA value. Rotate the th trim knob to adjust the set EPA value. After setting, return the throttle rocker to the center, and the LED light in the middle flashes quickly, indicating that the setting parameters are completed. The same is true for other EPA settings.

EPA parameter setting range: 60% ~ 100%. All EPA = 100% by default

Calibration function

Trigger conditions:

Turn on + back + turn left

Function Description:

After the function is triggered, five LED lights flash quickly at the same time. The indicator enters the calibration state.

Then push and pull the accelerator rocker and select the steering wheel for front, rear, left and right calibration. The front, rear, left and right calibrations are in no order. After completing the front, rear, left and right calibration, center the accelerator rocker and runner, and click the third access button to calibrate the neutral point. After the calibration is successful, the five lights are on in turn, indicating that the machine is turned on normally and enters the normal working state.

Binding function

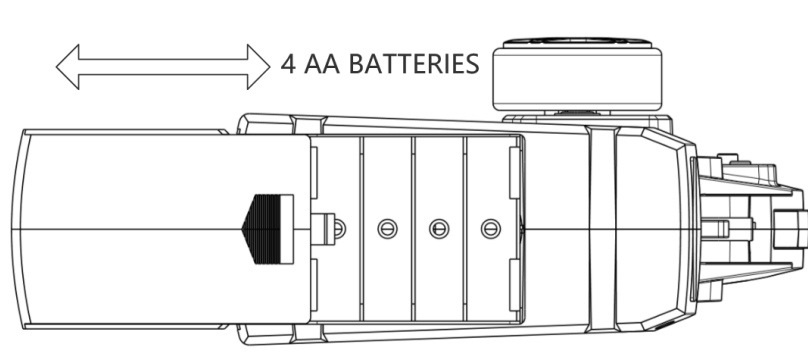
Trigger conditions:

Power on + press and hold the bind button.

Function Description:

When the five LED lights turn on rapidly from No. 1 to No. 5 in turn, it indicates that the transmitter has entered the binding state. When the LED light is constant, it indicates that the transmitter exits the binding state.

Installing the transmitter batterie

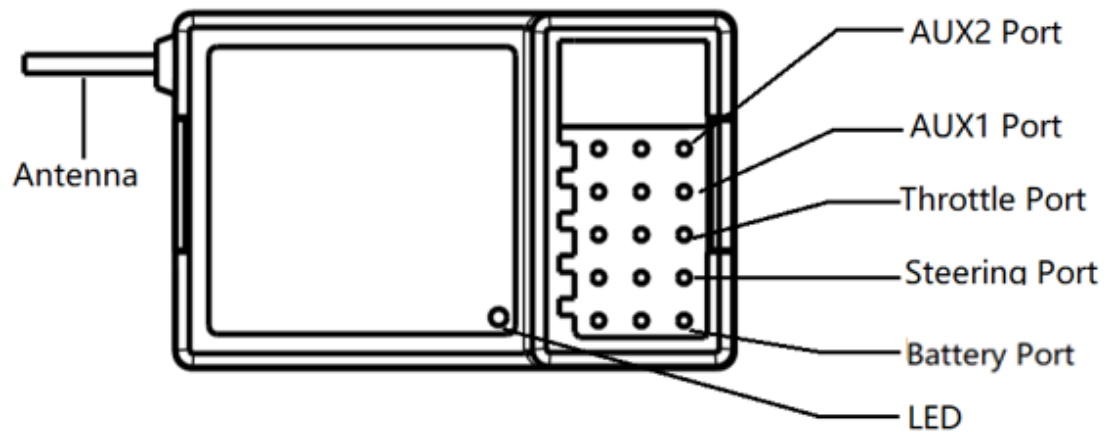


Functions of gt15nr receiver:

The standard receiver has 4-channel standard PWM output, corresponding to st, th, AUX1 and aux2 respectively;

With out of control protection function.

Appearance of gt15nr receiver

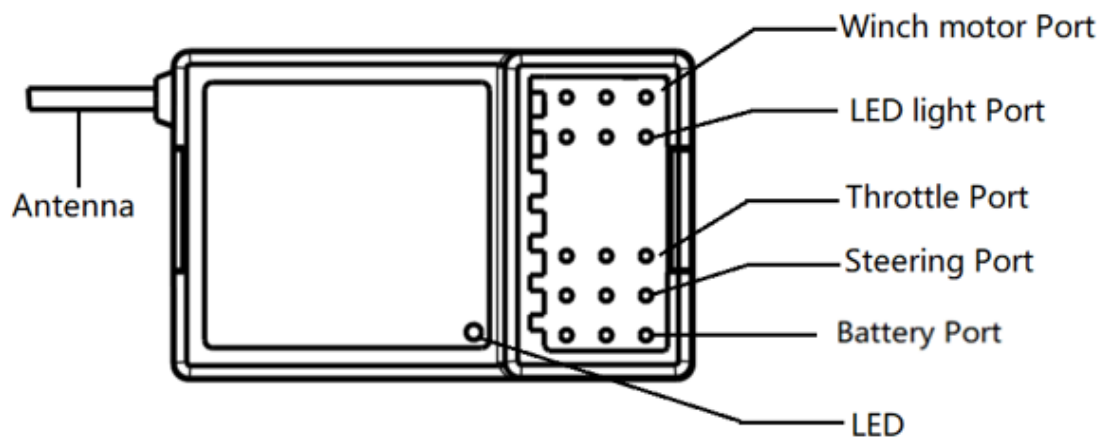


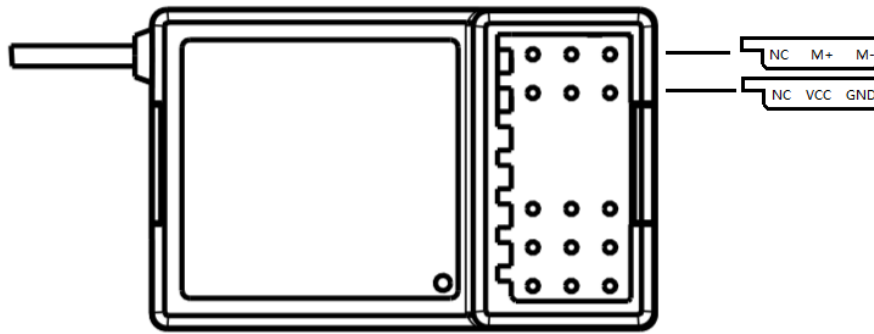
Gt15nrd receiver function

Gt15nrd: 2 + 2 receiver has 2-channel proportional PWM output, 1-channel LED light control output and 1-channel winch motor forward and reverse control output;

With out of control protection function;

Appearance of gt15nrd receiver





remarks:

LED Light Port:

AUX1 channel can directly control the output of light port, in which VCC voltage is the power supply voltage of receiver.

Winch motor Port:

The aux2 channel directly controls the output of the change port, in which m + m - are respectively connected to the positive and negative poles of the winch motor. The forward rotation and reverse rotation of the motor are controlled by the three-stage switch of aux2, in which the maximum current of the built-in motor driver is 3a.

Frequency matching mode:

Step1: after the receiver is powered on for 3S, the indicator light of the receiver flashes quickly, indicating that it enters the frequency matching mode;

Step2: press and hold the bind button on the transmitter, and then turn on the power switch of the transmitter. The transmitter enters the frequency matching mode, and led1-5 will light up from 1-5 in turn and cycle.

Step3: after the frequency matching is successful, the indicator light of the receiver exits the flash state. When the transmitter automatically exits the frequency matching mode, the indicator light of the receiver is always on, indicating that the frequency matching is successful.

Receiver LED status:

- 1) The receiver receives normal transmitter data, and the LED light is always on, which can work normally;
- 2) After the receiver is powered on, the LED lights up for 1 second and then goes out, indicating that the receiver has not received the transmitter signal. Check whether the transmitter is normally turned on or whether frequency alignment is carried out;
- 3) The receiver enters the frequency matching mode, and the LED status flashes rapidly;
- 4) The receiver LED light flashes slowly, and the receiver is in the state of loss of connection;

Runaway protection

The receiver has out of control protection function, and the setting method is as follows:

When the transmitter and receiver are powered on and in normal communication state, adjust the th and st of the transmitter to the position where you want to lose control and keep them.

At this time, insert the frequency matching line into the frequency matching position of the receiver, and then pull out the frequency matching line after the LED light of the receiver flashes twice to complete the loss of control protection setting.

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.

FCC warning:

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.