

Function description of HH-6303Y remote control

1. The remote control buttons are defined as: forward, backward, music A, music B, brake, and an indicator light.

Press the forward button to move the car forward, and press the backward button to move the car backward;

Music A and B are jog buttons that are not controlled by the brake. When a button is pressed, the corresponding IO port receives a high output; when released, it receives a low output;

Press the brake button to stop the car, and press it again to release the brake. There is no PWM speed regulation function.

2. Remote control pairing function: Once the batteries are installed, the indicator light starts flashing. If pairing is not successful within 20 seconds, it enters a sleep state.

Pressing any button wakes it up and it re-enters the pairing state.

Turn on the power of the receiver, and if the indicator light is constantly on, it indicates successful pairing. After successful pairing, if no button is pressed for 10 seconds, it will enter a sleep state.

The indicator light illuminates with the press of a button (i.e., the light turns on when the button is pressed and turns off when the button is released). The same applies to the brake; there should be no indicator light when the brake is not applied. When replacing the battery, there is no need to switch on or off the receiving power supply.

If the brake button has been pressed, causing the receiver to enter the braking state, pressing the forward or reverse button will cause the indicator light to flash at 6Hz.

Pressing the music A or B button will cause the light to turn on when the button is pressed and turn off when released, in accordance with the button action.

Release the brake, then press any button. The corresponding indicator light will turn on when the button is pressed and turn off when released.

3. Receiving end:

Upon receiving a remote control signal for forward or backward movement, the control port outputs a high voltage level.

Manual triggering before, after, and on the ground.

The system switches quickly back and forth with an interval of 700 milliseconds before responding to new actions. Whether it's manually or remotely controlled to move forward or backward, when released, it doesn't respond immediately but instead delays for 300 milliseconds before outputting low.

Press the remote control brake. If manually controlling forward or backward movement, manually apply the brakes as well. Switch the receiver's power off and on again, the brakes will be released, and the manual function will be restored.

The music A and B functions output high voltage levels.

4. When operating manually and remotely simultaneously, remote control takes precedence.

This remote control shares six frequency points: 2.421GHz, 2.425GHz, 2.445GHz, 2.450GHz, 2.459GHz, and 2.463GHz. During fixed-frequency testing, three frequency points, namely high, medium, and low, are selected for testing.

FCC Caution.

(1)§ 15.19 Labelling requirements.

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.

§ 15.21 Changes or modification warning

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

§ 15.105 Information to the user.

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.

RF warning for Portable device:

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

According to §15.247(e)(i) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.