

Product Instructions

Safety warning

In order to ensure the integrity and safety of the product, please follow the warnings and reminders in this manual.

Be careful! Please read the safety precautions carefully:

1. During installation, try to avoid in the minefield, strong magnetic field and high pressure area;
2. Ensure that the wiring is correct and firm, so as to avoid short circuit damaging components and triggering fire accidents;
3. Please install the controller in a well ventilated place to ensure the appropriate ambient temperature;
4. Please check whether the input power supply voltage of the controller meets the product requirements, and whether the definition of the positive and negative poles of the power supply is consistent with the product;
5. Live wiring is prohibited. After checking and confirming that the wiring is correct, check that there is no short circuit in the power on;
6. If there is any problem, please do not repair it without permission.

If in doubt, please contact the supplier.

Product introduction

The 17 key magic light strip controller uses the advanced microcomputer control IC and the most advanced PWM (pulse width modulation) control technology, which is used to control various lamps and lanterns with LED as the light source. It can control most of the three wire led magic lighting products on the market.

The 17 key magic light strip controller has 358 function mode selection, which can send control commands through RF remote control within effective distance to control the function change, speed adjustment, brightness adjustment, static color selection and various dynamic light change effects of LED light belt.

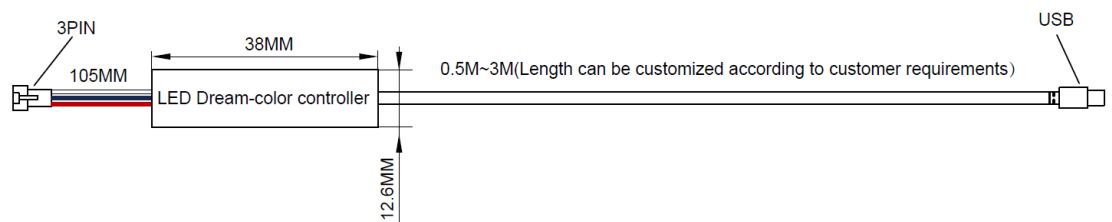
The 17 key magic light strip controller has power down holding function. In case of accidental power failure during use, the previous data (mode and speed) will be displayed in the next startup.

Performance parameter

- Product Name: 17 key magic light belt controller
- Model: FTR HC L RF 02
- FCC ID: YZHFTRHCLRF02
- Working temperature : -10~50°C
- Input voltage : DC5V;
- Static power consumption: < 1W;
- Output power: < 40W
- Frequency: 433.92 MHz
- Speed selection: level 8
- Brightness adjustment: 8 levels
- Change mode: 358 modes
- Remote control distance: more than 10 meters;
- Remote control battery type: CR2025;

Overall Dimension

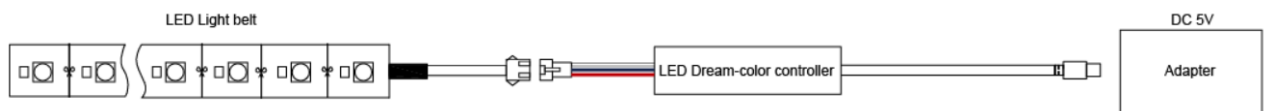
Controller Strip dimension



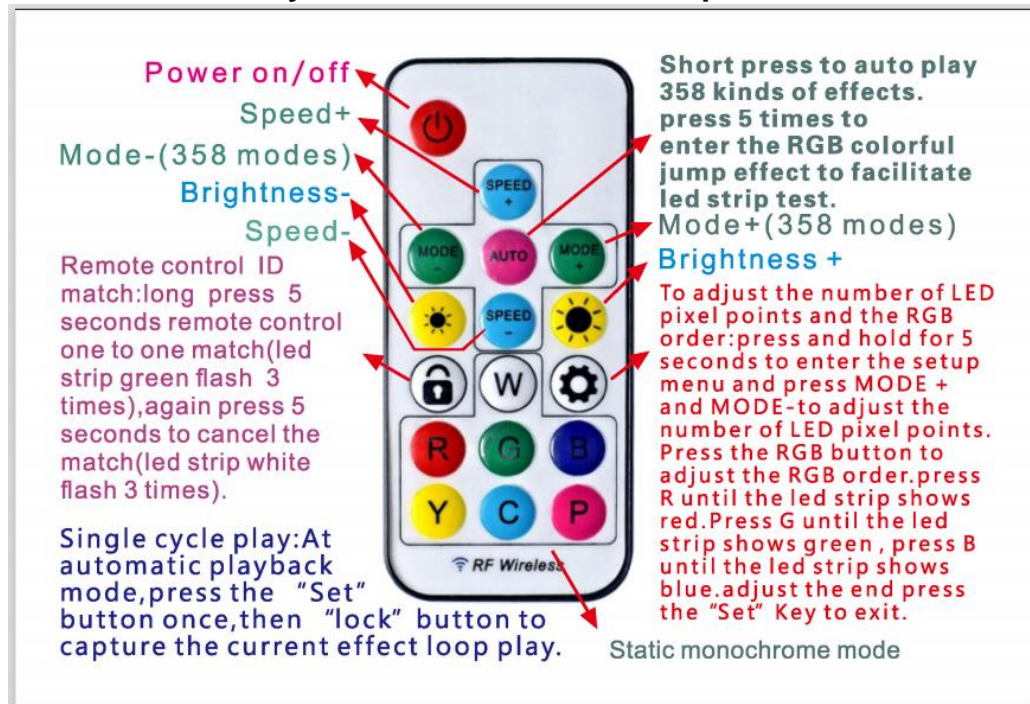
Controller dimension



Schematic diagram of product connection



Remote control key name and function description



FCC Statement

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.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

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 connectec.
- Consult the dealer or an experienced technician for help.

FCC Radiation Exposure Statement

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