



### **EC Declaration of Conformity**

We declare that our products (lighting equipments) comply with the following specification and bears CE mark in accordance with the provision of the Electromagnetic Compatibility (EMC) Directive 89/336/EEC.

EN55014-2: 1997 A1: 2001, EN61000-4-2: 1995; EN61000-4-3:  
2002;

EN61000-4-4: 1995; EN61000-4-5: 1995, EN61000-4-6: 1996,  
EN61000-4-11: 1994.

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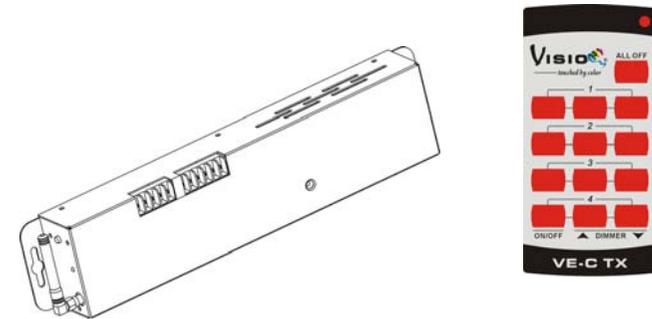
#### **Harmonized Standard**

EN60598-1: 2000+ALL: 2000+A12: 2002

Safety of household and similar electrical appliances

Part 1: General requirements

## **LED HANDY CON 50**



## **LED-HC50 RTX**

## **User Manual**

Please read the instructions carefully before use

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CAUTIONS : the LED controller has maximum 50 watt output power consumption.

## 5. Troubleshooting

Following are a few common problems that may occur during operation. Here are some suggestions for easy troubleshooting:

### A. The fixture does not work

1. Check the connection of power and main fuse.
2. Measure the mains voltage on the main connector.

### B. No response to the sound

1. Make sure the fixture does not receive DMX signal.
2. Check microphone to see if it is good by tapping the microphone.

## 6. Fixture Cleaning

The cleaning of internal must be carried out periodically. Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt.

- Clean with soft cloth using normal glass cleaning fluid.
- Always dry the parts carefully.
- Clean the external at least every 20 days.

## 1. Safety Introductions



**WARNING**

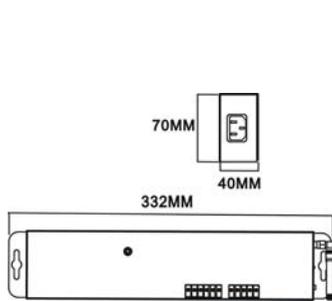
**Please read the instructions carefully which includes important information about the installation, operation and maintenance.**

- Please keep this User Manual for future consultation. If you sell the fixture to another user, be sure that they also receive this instruction booklet.
- Unpack and check carefully there is no transportation damage before using the fixture.
- Before operating, ensure that the voltage and frequency of power supply match the power requirements of the fixture.
- Disconnect mains power before servicing and maintenance.
- Use safety chain when fixes this fixture.
- In the event of serious operating problem, stop using the fixture immediately. Never try to repair the fixture by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
- Do not touch any wire during operation and there might be a hazard of electric shock.
- To prevent or reduce the risk of electrical shock or fire, do not expose the fixture to rain or moisture.
- There are no user serviceable parts inside the fixture. Do not open the housing or attempt any repairs by yourself. In the unlikely event your fixture may require service, please contact your nearest dealer.

## 2. Technical Specifications

LED Handy Con 50, including LED-HC50 (wireless receiver) and LED-HC TX (wireless transmitter) is a compact wireless LED controller kit for all kinds of DC 24V passive RGB Fixtures.

- Come with switching power supply inside
- Built-in programs under Master/Slave mode triggered by music.
- Terminals for linking LED-Wall Dimmer, providing power to LED Wall Dimmer.
- Max Load : 50W



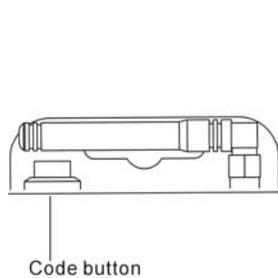
Dimension : 332 x 70 x 40mm

Weight : 1 kg

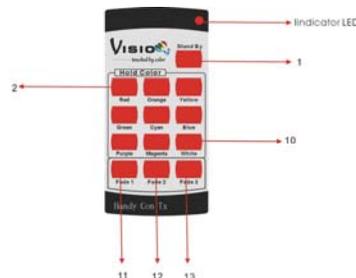


Dimension : 67 x 33mm

Weight : 0.05kg



LED-HC50 RX



LED-HC TX

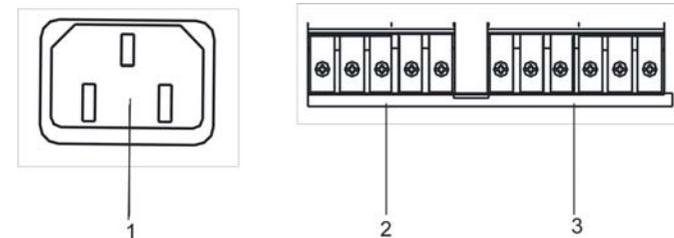
### Attention:

1. Be sure the wireless receiver work Max.200 meters around the transmitter.
2. One transmitter can be set up with Max.50 receivers.
3. LED-HC50 RX the wireless receiver works together with LED-HC TX, the wireless transmitter.

## Wireless Operation

1. Press code button on LED-HC50 RX, indicator LED-HC TX will blink slowly.
2. Press any button on LED-HC TX, indicator LED blink fast, which means LED-HC TX sets up with LED- RX successfully.
3. Press set up code button for about 5 seconds to cancel wireless control settings.
5. Press add receiver button1, the LED light will stand by.
6. Press 2-10 buttons to choose from 9 colors.
- 7.11-13 are for fade speed, which increases from 11 to 13.

## 3. Function



1. POWER SOCKET: for power input
2. LED-WD CONNECTOR: used to receive the signal of LED-WD only
3. SIGNAL OUTPUT: output signal and power for light

## 4. Installation

1. Ensure that mains power supply is off before installing or wiring the LED fixture
2. Unscrew the screws and connect the wires as diagrams below
3. Tighten the screws.

