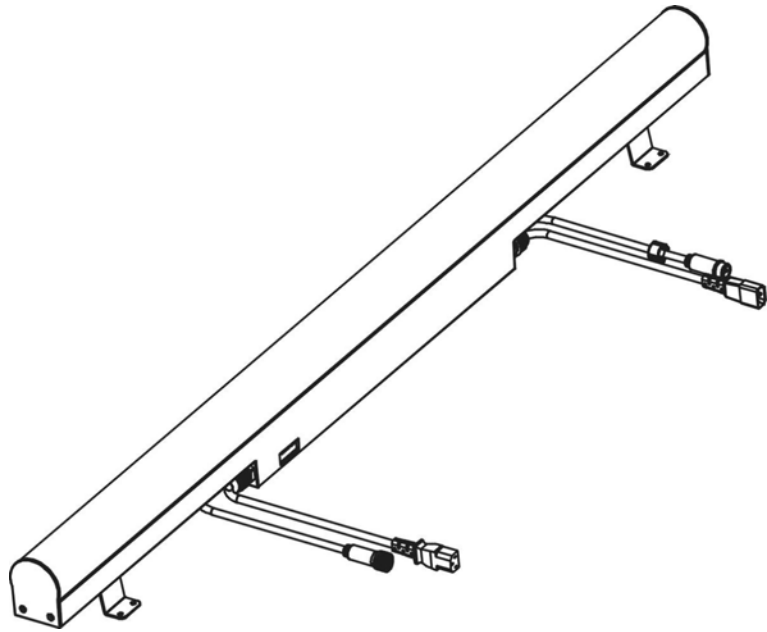


Color V-Tube



User Manual

Please read these instructions carefully before use

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1. Safety Instructions
2. Technical Specifications
3. Installation
4. DMX512 Address Setting
5. DMX512 Connection
6. Fixture Cleaning

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.
- Unpack and check carefully there is no transportation damage before using the fixture.
- Ensure the voltage and frequency of power supply match the power requirements.
- It's important to ground the yellow/green conductor to earth in order to avoid electric shock.
- Disconnect main power before service and maintenance.
- Maximum ambient temperature is $T_a : 40^{\circ}\text{C}$. Don't operate it where the temperature is higher than this.
- Stop using the fixture immediately when malfunction. Never try to repair the fixture by yourself. Please contact the nearest authorized technical assistance center.
- Do not touch any wire during operation and there might be a hazard of electric shock.
- Do not connect the device to any dimmer pack.
- Do not touch any cables 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.
- The housing must be replaced if they are visibly damaged.
- Do not look directly at the LED light beam while the fixture is on.
- There are no user serviceable parts inside the fixture.

2. Technical Specifications

• Power supply

Input Voltage : AC 120V 60Hz or 230V/240V/250V 50/60Hz

Power consumption : 18 watts

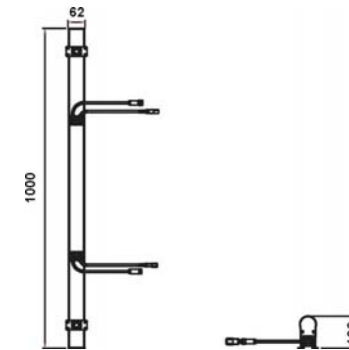
• LED

Total 144pcs (Red 48pcs, Green 48pcs, Blue 48pcs)

• Beam angle : 120°

• Dimension : 1000 x 62 x 100 mm

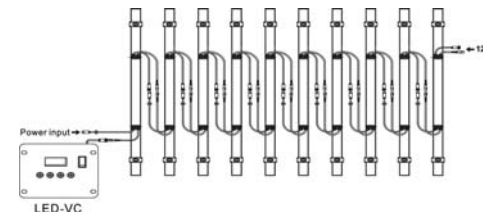
• Weight : 1.6 kg



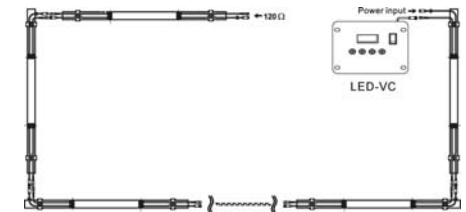
3. Installation

Please link LED-VC and Color V-tube as below picture.

pic 1


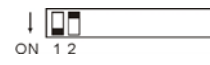

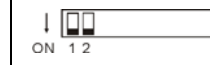


pic 2







4. DMX512 Address Setting





Dip 1 & 2: Enactment Clamp Amount

			
32	16	8	4

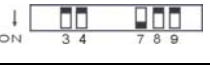



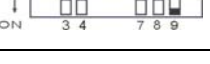
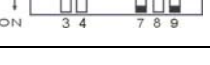
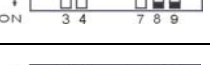
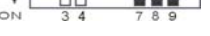
Dip 3 & 4: Enactment Mode

			
Auto mode	Sound mode	dB mode	Hold mode

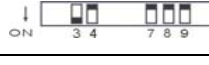
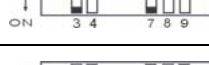
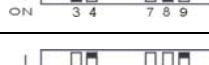
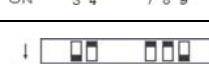
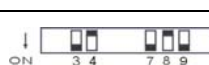

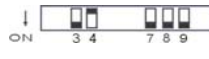
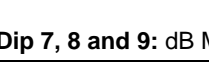
Dip 5 & 6: Speed Mode (Slow → Fast)

			
Slow speed	Middle speed	Fast speed	Faster speed

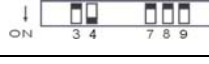
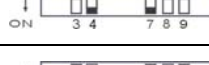
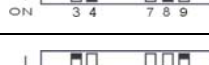
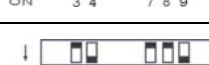
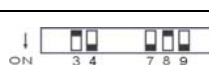

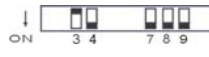

Dip 7, 8 and 9: Auto Mode:

	Auto fade
	Random mode (7 Chases)
	One color in one way
	One color in two way
	Multicolor in one way
	Multicolor in two way
	Multicolor strobe
	Strobe in white light



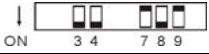

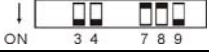



Dip 7, 8 and 9: Sound Mode

	Random mode (7 Chases)
	Color change by sound in two way chase
	One color in one way
	One color in two way
	Multicolor in one way
	Multicolor in two way
	Color change by sound
	Color change in strobe

Dip 7, 8 and 9: dB Mode

	Random mode (7 Chases)
	Chase light in red base
	Chase light in green base
	Chase light in blue base
	Chase light in black base
	Chase light in red/ yellow/ green base
	Chase light in multicolor different base
	Chase light in multicolor same base

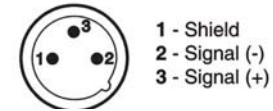
Dip 7, 8 and 9: for appointed color under hold mode

	White
	Red
	Green
	Yellow
	Blue
	Purple
	Cyan
	White

5.DMX 512 Connection

It equipped with 3-pin and 5-pin XLR sockets for DMX input and output. The sockets are wired in parallel. Only use a shielded twisted-pair cable designed for RS-485 and 3-pin XLR-plugs and connectors in order to connect the controller with the fixture or one fixture with another.

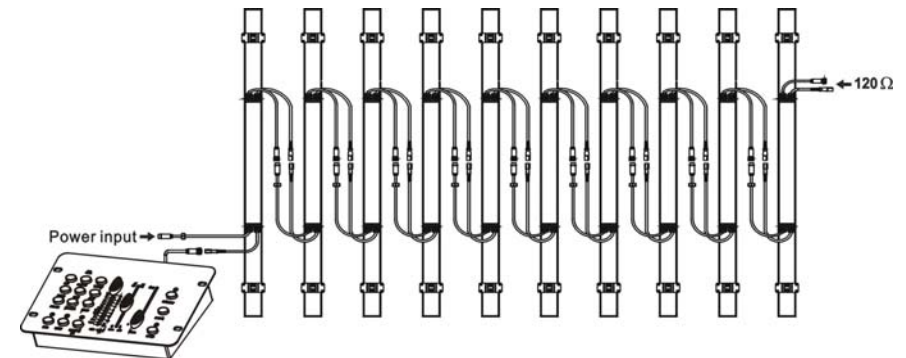
DMX-input
XLR mounting-plugs (rear view):



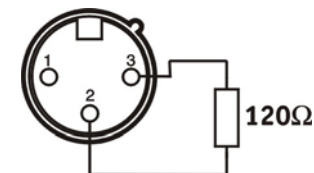
DMX - output
XLR mounting-sockets (rear view):



By universal DMX controller, please connect the DMX output of controller directly with the DMX input of the first fixture in the DMX-chain. Please use adapter cables to connect DMX controllers with other XLR-outputs.



The DMX-cable has to be terminated with a terminator on ended fixture. Solder a 120Ω resistor between Signal (-) and Signal (+) into a 3-pin XLR-plug and plug it in the DMX-output of the last fixture.



6. Fixture Cleaning

Cleaning frequency depends on the environment in which the fixture operates: damp, smoky or particularly dirty surrounding can cause greater accumulation of dirt on the fixture's surface.

- Clean with soft cloth using normal cleaning fluid.
- Always dry the parts carefully.

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.

Harmonized Standard

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

Safety of household and similar electrical appliances

Part 1 : General requirements

Innovation, Quality, Performance