72*3W RGB TRI LED Wall Wash Light

YR-W0372T

User Manual
Please read these instructions carefully before use

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Section 1.Getting Started

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Unpacking

1pc Fixture

1pc User Manual

Thanks for choosing our LED WALL WASH serial products. Carefully unpack the box and check the contents to ensure that all parts are present and in good conditions. If anything damaged in transit, notify the shipper immediately and keep the packing material for inspection. Again, please save the carton and all packing materials. If a fixture must be returned to manufacturer, it is important that the fixture be returned in the original manufacturer box and packing.

Safety Instruction

> For your safe, please read this user manual carefully before turn on the fixture. This machine should be operated by qualified engineer!

• Please conserve this manual as operation guidance. If you sell this product to other user, please make sure that they also receive this user manual.

• Always make sure that you are connecting to the proper voltage and that the line voltage you are connecting to is not higher than that stated on the decal or rear panel of the fixture.

• If the fixture is intended to indoor use only. To prevent risk of fire or shock, do not expose fixture to rain or moisture. Make sure there are no flammable, explosive or corrosive materials surrounded in 10meters while operating.

• The unit must be installed in a location with adequate ventilation, at least 5m away from adjacent surfaces. Be sure that no ventilation slots are blocked.

• Some fixture may carry high heat, do not aim at objective more than 2minutes.

• Safe rope should be used to install machine. Bearing of safe rope should be more than 3times of the machine weight. Complimentary signal cable transmits signals to 20 unit fixtures at most. Signal amplifier is a must to connect more fixtures. And a terminal should be added at the end of last fixtures' DMX sockets, 120 Ohm, 1/4W resistance need welding between Pin 2 and Pin3.

- Always disconnect from the power source before servicing or replacing fuse/lamp and be sure to replace with same fuse/lamp size and type. Cut off power before moving, repairing and cleaning the machine.

- To avoid electric shock, all fixtures must be connected to circuits with a suitable earth connection.

- Always secure fixture using a safety chain and carrying handles.

- Do not operate at ambient temperatures higher than 104℉(40℃).

- The power cable for this fixture is 1 m㎡, please mind the safety requirements in actual using, if any wrong operation, our company takes no responsibility for any loss. Also, make sure the power cord is never crimped or damaged.

- In case of failure or mis-function occurred, stop using 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. Buy the same spare parts/components from manufacturer directly.

- Avoid direct eye exposure to the light source while it is on.

- Do not power on and power off the fixture frequently

- When use DMX controller, please make sure that there is no interference sources(e.g. intercom, high frequency radio waves and radiation source)

Caution! There are no user serviceable parts inside the unit. Do not open the housing or attempt any repairs yourself. In the unlikely event your unit may require service, please contact your local distribution or after-sale service center.

Section 2. Set Up

✧　Installation

✧　Controlling Board

✧　Machine connection

Installation

- This machine should be mounted through the screw holes of truss. Safety rope is a must to fix fixture well. Make sure truss and safety rope have strong load capacity to

bear more than 3 times of machine weight .

- This machine should be installed by qualified technician.

Controlling Board

MENU   UP   DOWN   ENTER

Front display panel

1. LED Display Panel

2. Button

Menu	Switch menu function
UP	Scroll upwards
DOWN	Scroll downwards
ENTER	Confirm by pressing ENTER

3. DMX Signal Input

 3 PIN XRL port for DMX512 signal input (daisy chain);

4. DMX signal output

 3 PIN XRL Port for DMX512 signal output (daisy chain);

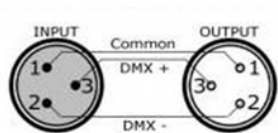5. Power Input

AC power cable port input

6. Switch

 On/off

Cable Connectors

Cables must have a male XLR connector on one end and a female XLR connector on the other end.

 A word on termination: DMX is a resilient communication protocol, however

errors still occasionally occur. Termination reduces signal errors, and therefore best practices include use of a terminator in all circumstances. If you are experiencing problems with erratic fixture behavior, especially over long signal cable runs, a terminator may help improve performance.

 To build your own DMX Terminator: Obtain a 120-ohm, 1/4-watt resistor, and wire it between pins 2&3 of the last fixture. They are also readily available from specialty retailers.

Master and slave: select one machine as master, press the menu to choose the function you want. Press other machines' address to be DMX state. Use signal cable to connect machines one by one. Then slave machines will run the same as master machine.

Use controller to control lot of machines: if all machines are set the same menu data, or different manual data, after use signal cable to connect to controller, all machines will be controlled by controller. (before connect to controller, all machines should be in the same channel mode 10ch or 5ch).

Section 3. Troubleshooting

Problem	Probable Cause(s)	Remedy
No response from fixture when power is applies	No power to fixture	Check power cables
	Primary fuse blown	Replace fuse
	Secondary fuse blown	Replace fuse
Fixture resets but does not respond correctly to controller(DMX mode operation)	Controller not connected	Connect controller
	Incorrect addressing of the fixtures	Check address setting on fixture and controller
	Bad data link connection	Inspect cables and correct poor connections and/or broken cables.
	Conflict between tracking and vector control	Eliminate scene cross-fade on controller
	Data link not terminated	Insert termination plug in output of last fixture
	Defective fixture or 2 devices transmitting on link	Bypass fixtures one at a time until normal operation is regained: unplug both connectors and connect them directly together
Colors cannot be mixed	Random color mixing is on	Turn off random color mixing
Fixture does not reset correctly	Electronic or mechanical failure	Contact service technician
No light, lamp cuts out intermittently, or burns out too quickly	Lamp missing or blown	Disconnect fixture and replace lamp
	Fixture or lamp is too hot	Allow fixture to cool. If problem persists, contact service technician

Section 4. Reference

✧   Control Menu

✧   DMX Protocol

✧   Dimmer Curve

✧   Specification

Control Menu

No.	Menu	Function
1	d10--	DMX 10 channel control(need connecting controller)
2	d.5--	DMX5 channel control(need connecting controller)
3	r---	r000 to r255: Red from dark to bright
4	g---	g000 to g255: Green from dark to bright
5	b---	b000 to b255: Blue from dark to bright
6	pr--	pr01~pr25：25 kinds of preset colors： pr01：Red pr02：Green pr03: Blue

		pr04: Lemon Green
		pr05：Yellow Green
		pr06：Yellow
		pr07：Tea Red
		pr08：Light orange
		pr09：Rose Red
		pr10：pink
		pr11：Pink Purple
		pr12：Light Purple
		pr13：Powder Blue
		pr14：Light Blue
		pr15：Sky Blue
		pr16：Light Cyan
		pr17：Turquoise
		pr18：Aqua
		pr19: Light Green
		pr20：Cool White
		pr21：Light Cool white
		pr22：Pure White
		pr23：Purple White
		pr24：Rice White
		pr25：Warm White
7	F---	F000 to F255：Strobe(from slow to fast)
8	C---	C000 to C255: Full color fade，from slow to fast

9	J---	J000 to J255：Full color jump，from slow to fast
10	S---	S000 to S255：Sound active，from slow to fast
11	T---	on: high temperature with half power function on off :high temperature with half power function off When the temperature up to 80℃，the Max. power consumption would be 50% ; when temp. down to 65℃，the power consumption would be 100%
12	dr--	dr-0：Standard Dimmer Curve； dr-1：Dimmer Curve1； dr-2：Dimmer Curve2； dr-3：Dimmer Curve3； dr-4：Dimmer Curve4；

DMX protocol

DMX512 Channel Chart：（10CH）

CH	Function	Specification
CH1	Dimmer	0-255 RGBW Dimmer, from dark to bright
CH2	Red dimmer	0-255 Red from dark to bright
CH3	Green dimmer	0-255 Green from dark to bright
CH4	Blue dimmer	0-255 Blue from dark to bright
CH5		000-005 N/A 006-055: Random Strobe 056-105: Pulse Strobe 106-155: Regular Strobe 156-205: Thunder Strobe 206-255: Standard Strobe

Strobe		00-01 N/A
		002-043, red from dark to bright
		044-085,red from bright to dark, green from dark to bright;
		86-127：green from bright to dark, blue from dark to bright;
		128-169：red from dark to bright, blue full bright ;
		170-211: red full bright, green from dark to bright, blue full bright;
		212-254: red, green, blue full bright, white from dark to bright
		255: red, green, blue, white full bright
Color Mixing	Color Preset	0-5：N/A
		6-15：Red
		16-25：Green
		26-35: Blue
		36-45：Lemon Green
		46-55：Yellow Green
		56-65：Yellow
		66-75：Tea Red
		76-85: Light Orange
		86-95：Rose Red
		96-105：Pink
		106-115：Pink Purple
		116-125：Lilac
		126-135：Powder Blue
		136-145：Light Blue
		146-155：Sky Blue

		156-165：Light Cyan
		166-175：Turquoise
		176-185：Aqua
		186-195：Light Green
		196-205：Cool White
		206-215：light cold white
		216-225：Pure White
		226-235：Purple White
		236-245：Rice white
		246-255：Warm White
CH8	Auto & Sound	1- 10: N/A
		11-40: Full colors fade，
		41-70: Red, Green, Blue fade;
		71-100: Red, Green, Blue fade+ full bright white
		101-130: 7 colors jumping
		131-160: Red, Green, Blue Color jumping
		161-190, Yellow, Cyan, Purple color jumping
		191-220, Sound active Strobe
		221-255, Sound active color chasing
CH9	Auto&Sound Speed	0-255 Auto and sound speed ，from slow to fast
CH10	Macro function	0-20：Standard Curve
		021-040：Di mmerCurve1；
		041-060：Dimmer Curve 2；

		061-080：Dimmer Curve 3；
		081-100：Dimmer Curve 4；
		101-149：N/A
		150-155：after 3 second, high temperature with half power function off；
		156-199： N/A
		200-205 ： after 3 second, high temperature with half power function on；
		206-255：N/A

DMX512 Channel Chart：（5CH）

CH1	Dimmer	0-255 RGBW Dimmer, from dark to bright
CH2	Red dimmer	0-255 Red from dark to bright
CH3	Green dimmer	0-255 Green from dark to bright
CH4	Blue dimmer	0-255 Blue from dark to bright
CH5	Strobe	000-005 N.A
		006-055: Random Strobe
		056-105: Pulse Strobe
		106-155: Regular Strobe
		156-205: Thunder Strobe

		206-255: Standard Strobe

Dimmer Curves：
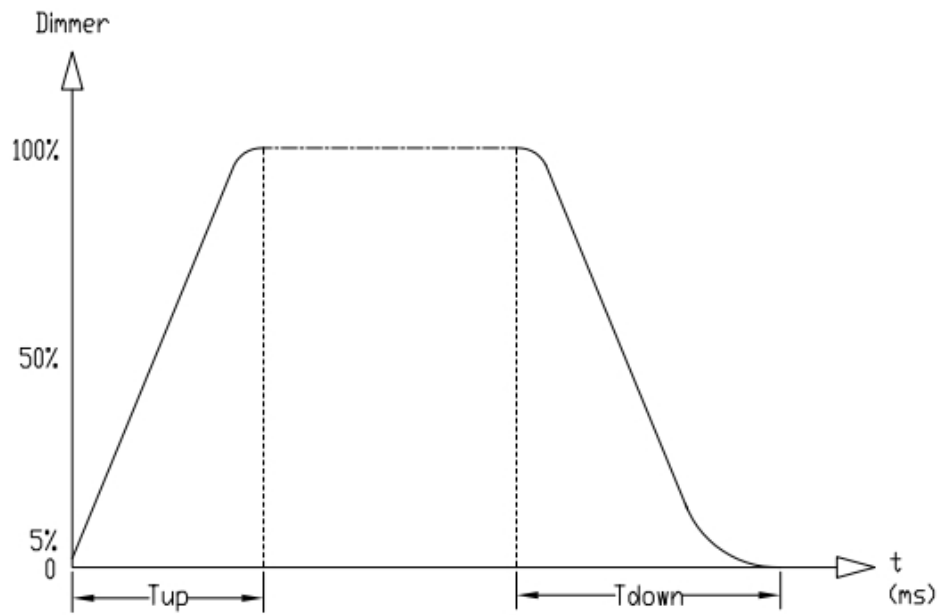
Ramp Effect	Menu	Tup(ms)	Tdown(ms)
Standard Dimmer Curve	dr-0	0	0
Dimmer Curve 1	dr-1	980	1010
Dimmer Curve 2	dr-2	1210	1320
Dimmer Curve 3	dr-3	1600	1710
Dimmer Curve 4	dr-4	1850	1980

Specification

Voltage：AC110V-240V

Frequency：50/60Hz

Machine Power：250W

Led source: 72*3W RGB TRI Color

Beam Angle： 45° /25°（for option)

Strobe: 0~30Hz

Dimmer :1 standard +4 kinds of dimmer methods

Channel：10/5CH（switchable）

Control Mode：DMX512/Manual/Master-Slave/Sound active

Cooling way: 1pcs temperature detect fan

Over heat protection:

When temperature up to 80°C, power consumption reduce to 50%; when temp. down to 65°C,will recover full power consumption to be 100% .

Noise:

Fan speed automatically adjust according machine temperature. The maximum noise is 43.3dB(1m distance)

Display: LED Display

DMX: 3 pin or 5 pin

4 barn-door for option

IP: IP20

Net weight:4.5kg(6.2kg with barn door)

Size:43*22*8.4 cm

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