LED Wall Washer

Mo

YR-W1036Q (36pcsx10W 4IN1)

User Manual

Please read these instructions carefully before use

Contents

Section 1.Getting Started

✧ Unpacking

✧ Safety Instruction

Unpacking

1pc Fixture

1pc User Manual

Thanks for choosing our LED Wall Wash, 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 10 meters while operating.
- The unit must be installed in a location with adequate ventilation, at least 5 m 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 2 minutes.
- Safe rope should be used to install machine. Bearing of safe rope should be more than 3 times 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 Pin 3.
- 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 ㎡， 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);
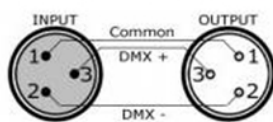5. Power Input
   AC power cable port input

6. Fuse
7. 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 11 CH or 6 CH).

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 (PRESS ENTER)
1	d11-	DMX 11 channel control(need connecting controller)
2	d.6--	DMX 6 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	n---	n000 to n255: WHITE, from dark to bright
7	pr--	pr01 to pr25: 25 kinds of built in colors: pr0：RED　　　　pr02：GREEN　　　　pr03：BLUE pr04: Lemon GREEN　　pr05：OLIVINE　　　　pr06：YELLOW pr07：CONGO RED　　pr08：LIGHT ORANGE　　pr09：WINE RED pr10：PINK　　pr11：PINK PURPLE　　　pr12：LIGHT PURPLE pr13：POWDER BLUE　　pr14：LIGHT BLUE　　　pr15：SKY BLUE pr16：LIGHT CYAN　　pr17：DARK GREEN　　　pr18：WATER GREEN pr19：LIGHT GREEN　　pr20：COOL WHITE　　　pr21：LIGHT COOL WHITE pr22：PURE WHITE　　　pr23：PURPLE WHITE pr24：CREAMY WHITE pr25：WARM WHITE
8	F---	F000 to F255：strobe，from slow to fast(strobe color is decided by r---、g---、b---、n---)
9	C---	C000 to C255：speed of fade of colors，from slow to fast
10	J---	J000 to J255：speed of jump change of colors, from slow to fast
11	S---	S000 to S255：speed of voice control，from slow to fast
12	T---	Ton: temperature control ON，　To ff：temperature control OFF
13	dr--	dr-0：standard dimmer；dr-1：dimmer curve 1；dr-2：dimmer

| | | curve2；dr-3：dimmer curve 3；dr-4：dimmer curve 4； |

DMX protocol

11CH

CH	Function	Specification
CH1	DIMMER	0-255：R G B W linear adjustment, from dark to bright
CH2	R dimmer	0-255：RED linear adjustment, from dark to bright
CH3	G dimmer	0-255：GREEN linear adjustment, from dark to bright
CH4	B dimmer	0-255：BLUE linear adjustment, from dark to bright
CH5	W dimmer	0-255：WHITE linear adjustment, from dark to bright
CH6	Strobe	0-5：no function 6-55：random strobe 56-105：pulse strobe 106-155：average strobe 156-205：thunder strobe 206-255：standard strobe
CH7	Color Mix	0-1：no function；2-43：red from dark to bright;44-85：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：RGB full bright，W from dark to bright 255：RGBW full bright
CH8	Color Preset	0-5：no function； 6-15：red　　　16-25：green　　　26-35 :blue 36-45：lime green　　46-55:olivine　　56-65：yellow 66-75 : congo　red　　76-85：light orange　　86-95：wine red 96-105：pink　　106-115：purple　116-125：light　purple 126-135：powder blue　136-145：light blue　　146-155：sky blue 156-165：light cyan　166-175：dark green　　176-185：water green 186-195：light green　196-205：cool white　206-215：light cool white 216-225：pure white　226-235：purple white　236-245：creamy white 246-255：warm white
CH9	Auto/ Sound Control	0-10：no function ；11-40：fade 1；41-70：fade 2；71-100：fade 3；101-130：jump change 1；131-160：jump change 2；161-190：jump change 3；191-220：strobe by sound control；221-255：jump change by sound control.。
CH10	Auto Speed	0-255：auto speed, from slow to fast
CH11	Dimmer Curve	0-20：standard dimmer；21-40 dimmer curve 1;41-60：dimmer curve 2;61-80：dimmer curve 3;81-100: dimmer curve 4；

		101-149: no function;150-155(stay 3 sec):half power function under high temperatureOFF;106-199: no use;200-205(stay 3 sec):half power function under high temperature ON; 206-255 no function

6CH：

CH	Function	Specification
CH1	DIMMER	0-255：R G B W linear adjustment, from dark to bright
CH2	R dimmer	0-255：RED linear adjustment, from dark to bright
CH3	G dimmer	0-255：GREEN linear adjustment, from dark to bright
CH4	B dimmer	0-255：BLUE linear adjustment, from dark to bright
CH5	W dimmer	0-255：WHITE linear adjustment, from dark to bright
CH6	Strobe	Adjustment of speed of colorful strobe ,from slow to fast

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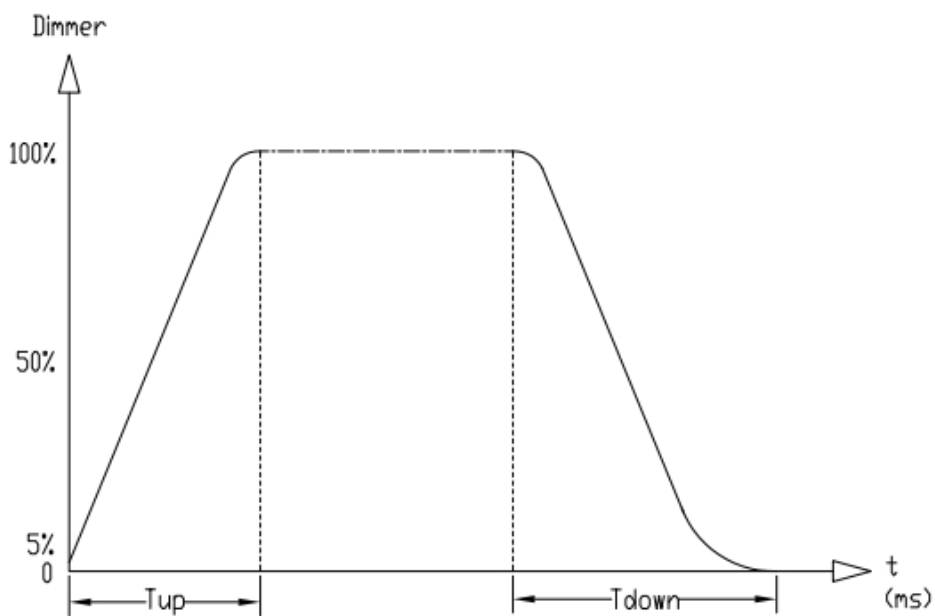
Ramp Effect	Menu	Tup(ms)	Tdown(ms)
Standard Dimmer Curve	dr-0	0	0
Dimmer Curve 1	dr-1	980	1010
Dimmer Curve 2	dr-2	1210	1320
Dimmer Curve 3	dr-3	1600	1710
Dimmer Curve 4	dr-4	1850	1980

Specification

LED source specification
Led source: 36*10W (4 IN 1)
Beam Angle：40°/20°(optional)
Control specification
Strobe: 0~30Hz
Dimmer : 1 standard +4 kinds of dimmer methods
Channel：11/6CH（switchable）
Built in programs：5 kinds of strobe mode +6 kinds of auto mode +2 kinds of voice-control mode
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)
Working Specification
Voltage：AC110V-240V
Frequency：50/60Hz
Machine Power：350W
Machine Specification
Display: LED Display
DMX: 3 pins
4 barn-door: movable
IP: IP20
Net weight: Net weight: 4.5kg (6.2kg with barn door)
Size: 43*22*8.4 cm

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