

Hosen lighting Technology Limited



# 108x3W RGB Outdoor Wall Washer

## User Manual

HS-LW1083S



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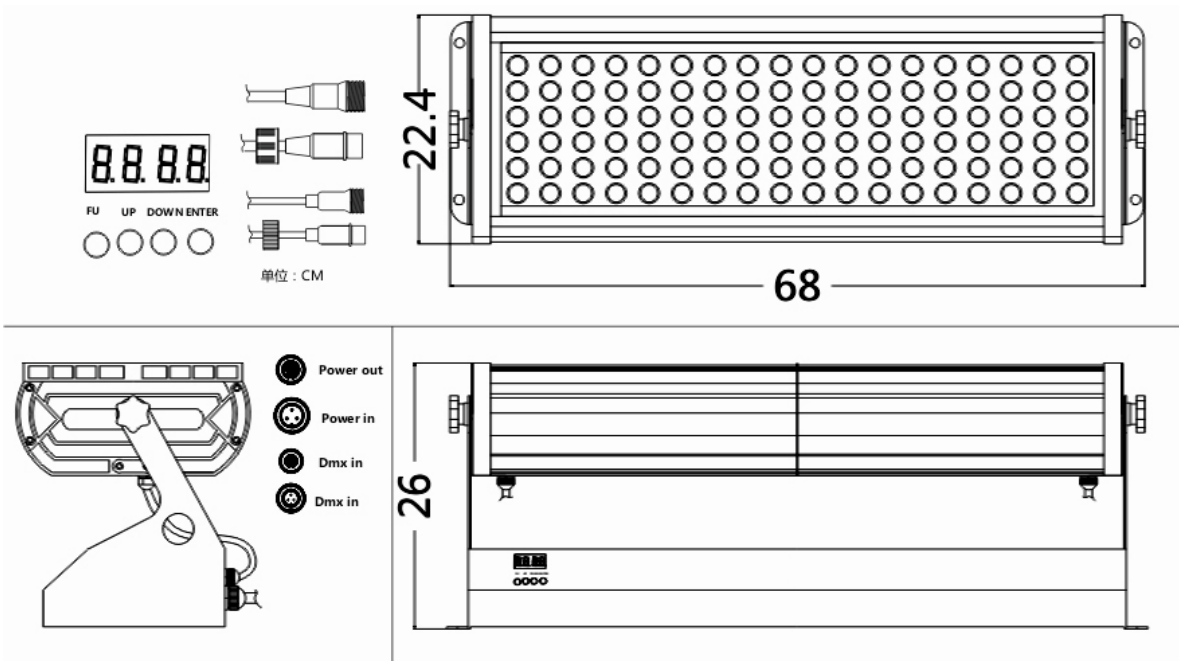
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1. Packing List

- LED Wall Washer 1\_pcs
- User Manual 1 pcs

2. Schematic Diagram



## 3. Product Features

- Unlimited programming effects
- Special lighting effect
- 32-bit colour (16.7 million color combinations)
- Supplying of a series of lighting effect include Sound active、Auto-run、Master/slave、Jump、Changing gradually、Strobe etc.
- Modular & highly portable
- Computer-controlled by wire system
- Dozens of preset effects
- No technical experience required
- Quick and easy installation
- More affordable than any existing solutions
- Sealed for long, durable lifetime
- No bulbs to replace
- Outdoor use.

## 4. Specifications

### 4.1. Physical Specifications

Product Series:	Traditional Stage Lighting		
Item No.:	HS-LW1083S		
Size:	680*224*260mm		
Net Weight:	14Kg		
Gross Weight:	28Kg		
LEDs:	(R: 36pcs	G: 36pcs	B: 36pcs) total 108pcs
Color:	Black		
Material:	Aluminum , iron plate		
Package Quantity:	2pcs		
Package Size:	890*770*470mm		
Control mode:	Auto-run mode, DMX-512 mode, Sound active mode		
DMX Channels:	3 / 7 CH		
Protect Level:	IP65		
Working Temperature:	-25℃~+35℃		

### 4.2. Electrical Specifications

Power:	108W
Voltage:	AC 190-240V 50/60Hz
Service Life:	50000hour
Gray Level:	256

## 5. Installation Method

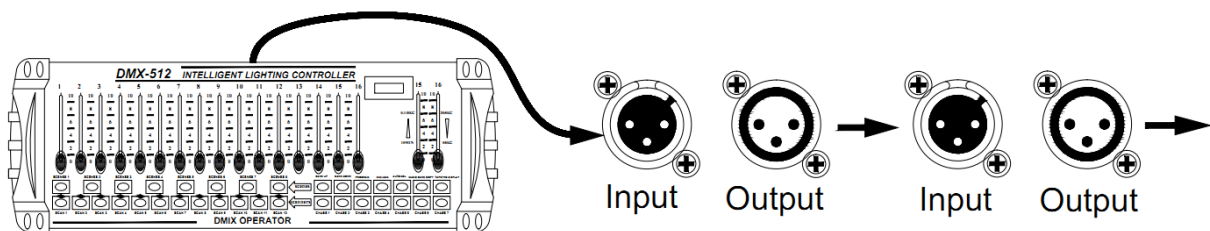
### 5.1. Installation Steps

1. Please hand this light into the suitable place with suitable angel.
2. To connect the signal cable, plug one side into IN socket in the back of light and plug another side into OUT signal connector in the DMX 512 board(signal input: 1=>Ground, 2=>Data, 3=>data+).
3. To connect the cable and put into power, then the light stay in the status to receive the operation signal like : Music, Automatic, DMX512ect. Take note: Please out off the power line if you will not operate it for a certain time.

### 5.2. Fixture Linking

To run your light shows of one or more fixtures using DMX-512 controller or to run synchronized shows on two or more fixtures in master/slave operating mode , you need DMX cables to link the units from DMX IN to DMX OUT.

**Notice:** the length of signal cables should be within 100meters, to prevent the signal interference by other appliances because of the long signal cables.



### 5.3. AC Power

The fixture is designed to work on 190-240V 50/60Hz. Before applying power to a unit, check that the source voltage matches the unit's requirement.

## 6. Technical Support

Support Telephone: +86-20-37707017

Support Email: [support@hosenlighting.com](mailto:support@hosenlighting.com) (QQ、MSN as same)

Website: <http://www.hosenlighting.com>

Working Time: (BeiJing Time)

Monday to Friday 08:00~12:00 13:30~17:30 18:30~20:30

Saturday 09:00~12:00 13:30~17:00

Note: all the rest of China's holidays!

Support Telephone: +86-20-37707017

Support Email: [support@hosenlighting.com](mailto:support@hosenlighting.com) (QQ、MSN as same)

## 7. Important

- Do not power the installation process.
- When installing our LED-products, please employ an electrician, who can exactly follow our installation instructions.

## 8. Disclaimer

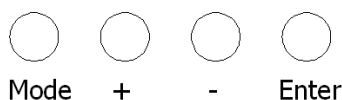
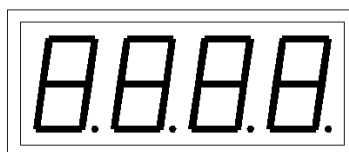
While every care has been taken with the details on this specification sheet, we take no responsibility for any inaccuracies caused during installation. We reserve the right to change these specifications without notice to always ensure that the customer is receiving a superior product.

## 9. Amendment Log

- 4/23/2012 9:21 AM Refresh and revise the user manual.

## 10. Appendix

### 10.1. LED Display Explanation



Turn on the main power, press MENU entering into main MENU, press UP/DOWN (+/-) choosing sub-menu, then press ENTER.

Menu Value		Description
d001	d511	3 Channels/ Master-slave mode
A001	A511	7 Channels
FF01	FF99	Color fade effect
CC01	CC99	Color jump effect
r000	r255	Red dimming
U000	U255	white dimming (no)
b000	b255	Blue dimming
G000	G255	Green dimming
dEoo		Auto-run mode
SOUd		Sound active mode
SLAV		3 Channels/ Master-slave mode

## 10.2. Channel Explanation

d001-d511/SLAV 3 Channels		
Channel	Channel value	Function Description
CH1	0-255	Red dimmer (0-100%)
CH2	0-255	Green dimmer (0-100%)
CH3	0-255	Blue dimmer (0-100%)
A001-A511 7 Channels		
CH1	0-255	Total Dimmer
CH2	0-255	Red dimmer (0-100%)
CH3	0-255	Green dimmer (0-100%)
CH4	0-255	Blue dimmer (0-100%)
CH5	0-5	Close
	6-255	Strobe effect (slow ⇌ fast)
CH6	0-255	Speed (slow ⇌ fast) /choose color
CH7	0-51	Turn on CH1-CH6
	52-100	Choose color by program
	101-150	Color fade effect
	151-200	Color pulse change effect
	201-250	Color jump change effect
	251-255	Sound active mode