

# Instruction Manual

## PROFESSIONAL SHOW LIGHT

### LED Storm880 IP



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## Introduction

**Unpacking:** Thank you for purchasing LED Storm880 IP, Every unit has been thoroughly tested and shipped in perfect condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your unit for any damage and be sure all accessories necessary to operate the unit has arrived intently. In the case damage has been found or parts are missing, please contact the manufacturer or your dealer for further instructions. Do not return this unit to your dealer without any warning.



Read all cautions and warnings  
prior to operation of this  
equipment

### Protection Against Fire



Fire

1. Maintain a minimum of 1 50cm distance from any type of flame
2. Replace fuse only with the specified type and rating
3. Do not install the unit to close a heat source
4. Make sure cable are properly secured away from unit movement
5. Maximum surface operating temperature 80°

### Protection Against Electrical



Electrical

1. Disconnect power before servicing
2. The unit must be earthed (electronically grounded)

### Protection Against Mechanical Hazards



Mechanical

1. Use safety chain when hanging unit
2. Use quality clamps or bolts when positioning unit
3. Do not open unit while it is on, risk of electrical shock

### Features

- Multi-Colors , IP65
  - Master/Slave synchronization
  - Color Strobe
  - LCD operation menu
  - Electronic Dimming0-100%
  - DMX-512 protocol
- Outstanding strobe effect with variable speed

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## Safety Precautions

- Be sure that the local power outlet match that of the required voltage for your unit,
- Do not attempt to operate this unit if the power cord has been frayed or broken. Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are user serviceable parts inside.
- Never operate this unit when its rear cover is removed.
- Never plug this unit into a dimmer pack.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit, if it becomes damaged.
- During long periods of non-use, disconnect the units main power.
- Always mount this unit in safe and stable matter.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to the point they exit from the unit.
- Cleaning unit should be cleaned only as recommended by the manufacturer. See 'Cleaning" for details.
- Heat –The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The unit should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged.
  - B. Objects have fallen, or liquid has been spilled into the appliance.
  - C. The appliance has been exposed to rain or water.
  - D. The appliance does not appear to operate normally or exhibits s marked change in performance.

**DMX Linking:** To ensure proper DMX data transmission, when using several DMX units try to use the shortest cable path possible. The order in which units are connected in a DMX line does not influence the DMX addressing. For example; a unit assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. When a unit is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.

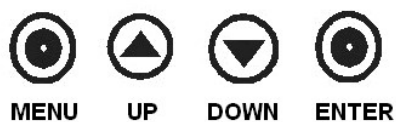
## Operating Modes:

- Stand-alone – This function allows the unit works built-in program without console.
- Master/Slave – This function allows you set unit be Master/Slave.
- DMX 512 control - This function allows you to operate the unit via standard dmx 512 protocol

## Main Control Menu

The control board on the fixture base is your interface to access and control all functions on the unit, Its LCD screen display gives you a code vide of function

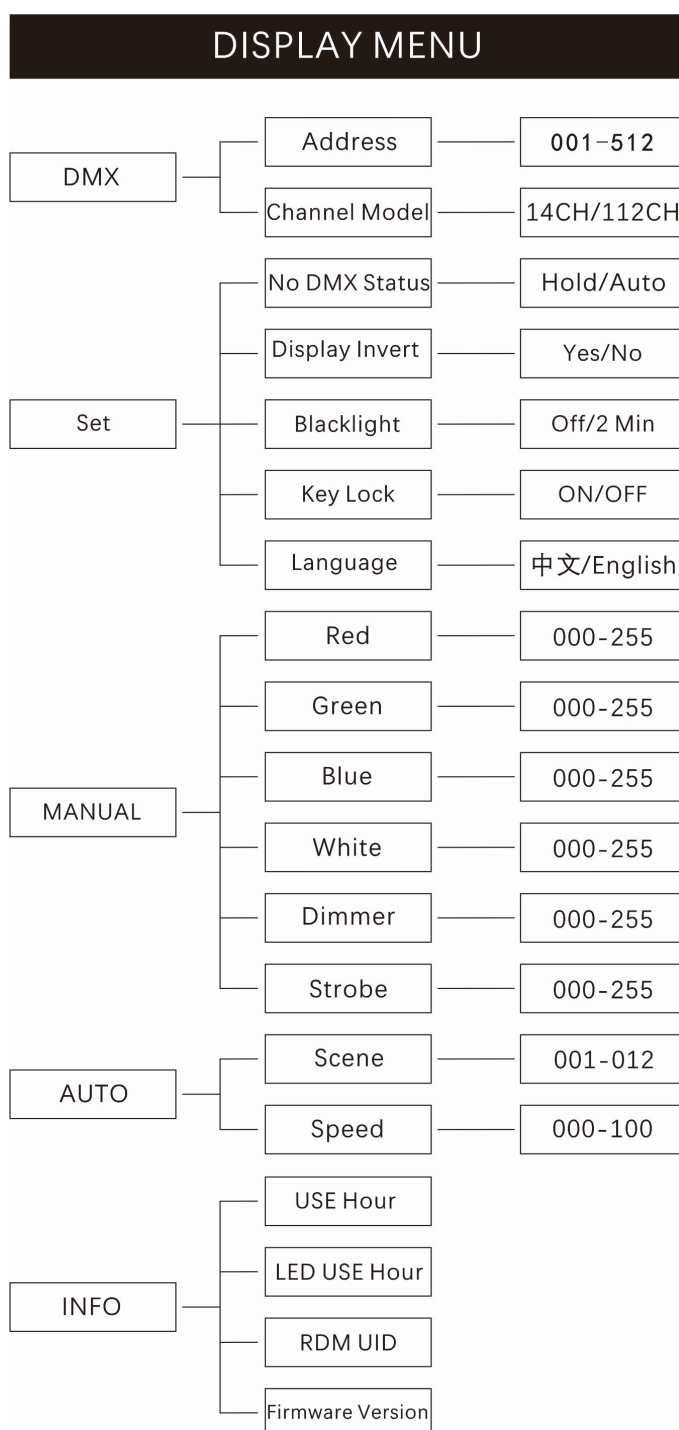
**Touch Buttons:**



There are four buttons under the LCD display below:

There are four touch buttons under the display: Menu, Up, Down, Enter. Normally, the LCD will display the current DMX address code of the fixture. At this time, presses up and down to choose the functions you want.

**Menu Map**



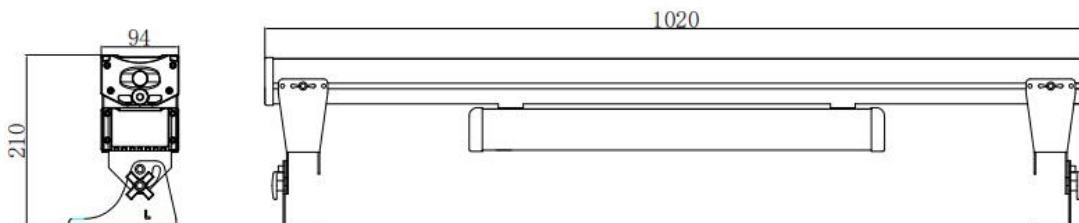
**DMX Chart: 14 Channel**

Channel	Name	DMX Value	Description
1	Dimmer	000-255	0-100% Dimmer
2	Strobe	000-019	Open
		000-255	Strobe Slow-Fast
3	LED Color	000-255	Red Intensity
4	LED Color	000-255	Green Intensity
5	LED Color	000-255	Blue Intensity
6	LED Color	000-255	White Intensity
7	White Effect	000-010	Open
		011-025	White Effect1
		026-040	White Effect2
		.	.
		.	.
		.	.
8	White Effect Speed	000-127	Forward Speed Slow-Fast
		128-255	Backward Speed Slow-Fast
9	White Effect Direction	000-127	White Effect Forward
		128-255	White Effect Backward
10	RGB Color Control	000-063	Part1+Part2
		064-127	Part1
		128-255	Part2
11	RGB Effect	000-010	Open
		011-025	RGB Effect1
		026-040	RGB Effect2
		.	.
12	RGB Effect Speed	000-127	Forward Speed Slow-Fast
		128-255	Backward Speed Slow-Fast
13	Background Color	000-255	Background Color
14	RGB Effect Direction	000-127	RGB Effect Forward
		128-255	RGB Effect Backward

## 112 Channel

Channel	Name	DMX Value	Description
1	LED Color	000-255	White1
2	LED Color	000-255	White2
3	LED Color	000-255	White3
.	.	.	.
.	.	.	.
.	.	.	.
14	LED Color	000-255	White14
15	LED Color	000-255	White15
16	LED Color	000-255	White16
17	LED Color	000-255	Red1 Intensity
18	LED Color	000-255	Green1 Intensity
19	LED Color	000-255	Blue1 Intensity
20	LED Color	000-255	Red2 Intensity
21	LED Color	000-255	Green2 Intensity
22	LED Color	000-255	Blue2 Intensity
.	.	.	.
.	.	.	.
.	.	.	.
107	LED Color	000-255	Red31 Intensity
108	LED Color	000-255	Green31 Intensity
109	LED Color	000-255	Blue31 Intensity
110	LED Color	000-255	Red32 Intensity
111	LED Color	000-255	Green32 Intensity
112	LED Color	000-255	Blue32 Intensity

### Fixture Dimension (1020x94x210mm):



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## **Cleaning**

Due to fog residue, smoke, and dust cleaning the internal and external optical lenses must be carried out periodically to optimize light output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Clean the external optics with glass cleaner and a soft cloth every 20 days.
3. Always be sure to dry all parts completely before plugging the unit back in.

Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew)

## **Specifications**

- **Model: LED Storm880 IP**
- Power consumption: 400Watts
- Voltage: 90-250V / 50~60Hz
- Working Position: Any safe working position
- Display: OLED Display, 4-buttons touch panel
- Lamp: SMD 5050 RGB 3in1 0.5W LEDs X672pcs  
SMD 3535 White 3W LEDs\*112pcs
- 32 x RGB led zones can be controlled individually
- 16 x CW led zones can be controlled individually
- Feature: Multi block pixel control, RGBW mixing effect  
Strong flash effect, perfect Neon-neon light effect
- DMX Channel: 14/112 channels
- Power in/out: Waterproof power cable with PG connectors
- Data in/out: Waterproof DMX cable with PG connectors
- Construction: Die-cast aluminum case
- Hang system: 2pcs folding clamps
- **Protection rating: IP65**
- Net dimension: 1020 x 94x 210 mm
- Net Weight: 8Kgs
- Warranty: 1 Year

***Note: All information is subject to change without prior notice.***