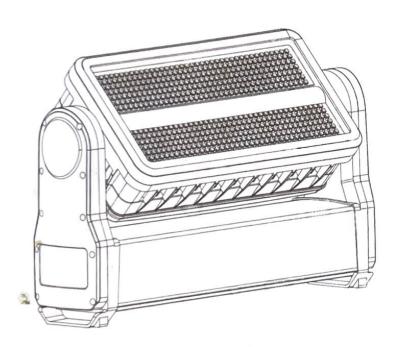


# User manual STORM IP



This product manual contains important information about the safe installation and use of the light. Please read and follow these instructions carefully and keep this manual in a safe place for future reference.

### Safety instructions

When unpacking and before disposing of the carton check there is no transportation damage before using the light. Should there be any damage caused by transportation, consult your dealer and do not use the apparatus.

The projector is for indoor and outdoor use, IP65.

D not install the fixtures onto inflammable surfaces directly.

The fixture is only intended for installation, operation and maintenance by qualified

Do not project the beam onto inflammable surfaces, minimum distance is 3meter. a personnel. 3m €

Avoid direct exposure to the light from the lamp. The light is harmful to the eye.

Do not attempt to dismantle and/or modify the projector in any way.

Electrical connection must only be carried out by qualified personnel.

Before installation, ensure that the voltage and frequency of power supply match the power

It is essential that each projector is correctly earthed and that electrical installation requirements of the fixture. conforms to all relevant standards.

Do not connect this device to any other types of dimmer apparatus.

The projector should always be installed with a secondary safety fixing. A safety cord is supplied for this; it should be attached as

shown in "installing the projector" section.

Shields and lens shall be changed if they have become visibly damaged to such an extent than their effectiveness is impaired, for

Exterior surface temperatures of the luminaire after 5 minutes operation is 45°C, when steady state is achieved 70°C

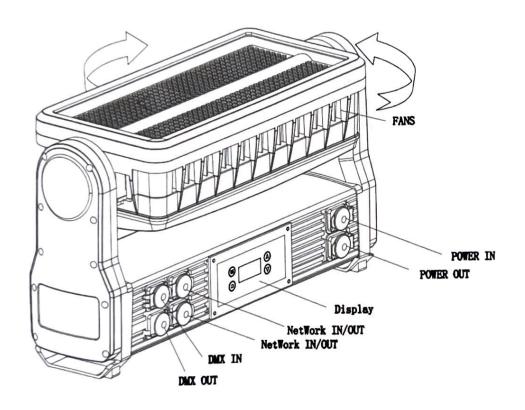
There is no user serviceable parts inside the projector, do not open the housing and never operate the fixture with the covers removed.

If you have any questions, don't hesitate to consult your dealer or manufacturer.

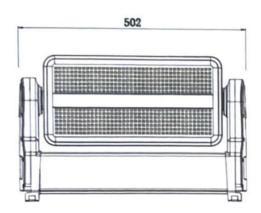
Always disconnection from Power before the device's installation, cleaning and maintenance!

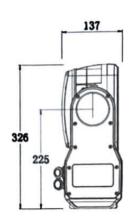
### **INSTALLATIONS**

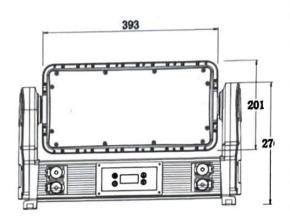
### Product Overview

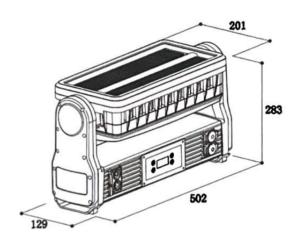


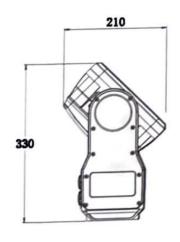
### **P**roduct Dimensions

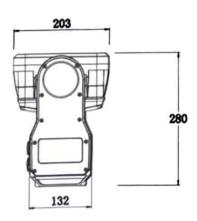












### Safety Informations





This luminaries are multi-environmental fixtures with an IP-rating of 65, intended for professional use only. They are not suitable for household use.

Review the following safety precautions carefully before installing or operating the fixture. This fixture must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the fixture and the hazards involved.

**Preventing electric shock** 

- Always power off/unplug the fixture before removing any covers.
- Ensure that the power is turned off when connecting the fixture to the AC mains supply.
  - Ensure that the fixture is electrically connected to earth (ground).
  - Do not apply power if the fixture is in any way damaged.
  - Do not immerse the fixture in water or liquid.

### Preventing burns and fire



#### WARNING! Take measures to prevent burns and fire.

- Install in a location that prevents accidental contact with the fixture.
  - Install only in a well-ventilated space.
  - Install at least 0.3 m (12 in.) away from objects to be illuminated.
  - Install only in accordance with applicable building codes.
- Ensure a minimum clearance of 0.1 m (4 in.) around the cooling fans.
  - Do not paint, cover or modify the fixture.
  - Keep all flammable materials away from the fixture.
- Allow the fixture to cool for 15 minutes after operation, before touching it.
- CAUTION: Exterior surface temperature after 5 min. operation = 45 °C (113 °F). Steady state = 60 °C (140 °F).

### **Avoid personal injury**

### WARNING! Take measure to prevent personal injury.



- Do not look directly at the light source from close range.
- Take precautions to prevent injury due to falls when working at height.
- For permanent installation, ensure that the fixture is securely fastened to a load-bearing surface with suitable corrosion-resistant hardware.
- For temporary installation with clamps, ensure that the quarter-tum fasteners are turned fully and secured with a suitable safety cable. The cable must be approved for a safe working load (SWL) of 10 times the weight of the fixture, and it must have a minimum gauge of 3 mm.

### Preparing for installation

Unpack the fixture and inspect it to ensure that it has not been damaged during transport.

The fixture is shipped with two quarter-turn brackets, that can be used to mount the fixture at elevation.

The fixture is IP65-rated, and is designed for use in wet locations. This means that it is protected from:

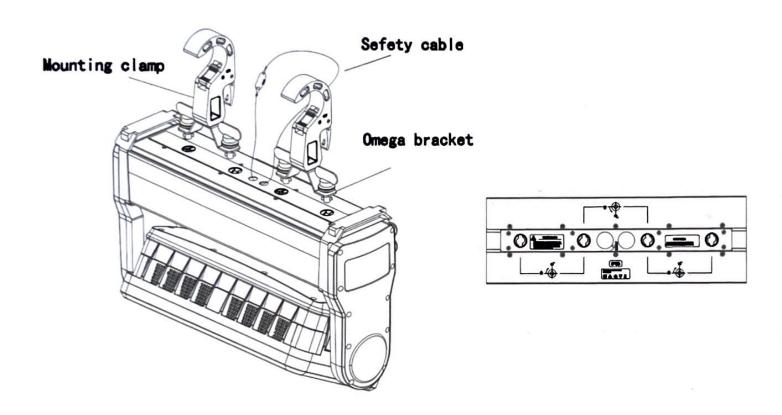
- Dust, to the degree that dust cannot enter the fixture in sufficient quantities as to interfere with its operation.
  - Lower pressure jets of water from any direction.

When selecting a location for the fixture, ensure that:

- It is situated away from public thoroughfares and protected from contact with people.
- It is not immersed in water or exposed to high-pressure water jets.
  - It has adequate ventilation.

### Installation

The fixture may be installed in any orientation, but if installed horizontally with a downward beam-angle, water can potentially pool in the fan wells. Under normal operation the moisture will evaporate. However, in locations with high rainfall, you may wish to fabricate a rain shield above the fixture, or modify the position and orientation of the fixture to minimize pooling.



Two quarter-turn brackets are supplied with the fixture if it is to be flown above the ground. Rig the fixture to a support truss or structure using the supplied brackets and suitable clamps.

Fasten a safety cable (not shown) between the support structure and the attachment point on the fixture. The safety cable must be able to bear at least 10 times the weight of the fixture.

## Connecting AC Power

The fixture can operate on any 100–240 V, 50/60 Hz AC mains power supply. It draws approximately 2 amps at full power. For permanent installation, have a qualified electrician wire the mains cable directly to a suitable branch circuit. The junction's ingress protection (IP) rating must be suitable for the location. For temporary installation, the mains cable may be fitted with a grounded connector intended for exterior use.

When installing standard type C circuit breakers there will be no limitations due to the fixture in-rush current. Due to the nominal current of the fixture, ensure that no more than:

4 fixtures are connected through the same type C, 10A circuit breaker. 7 fixtures are connected through the same type C, 16A circuit breaker. The fixture must be grounded/earthed and be able to be isolated from AC power. The AC power supply must incorporate a fuse or circuit breaker for fault protection.

After connecting the fixture to power, run the on-board test, using the "Fixture Text" menu, to ensure that the fixture and each LED are functioning correctly. See "Control menu" on page 13.

**CAUTION:** Do not open the fixture to replace the supplied power cable, or connect the fixture to an electrical dimmer system, as this can damage i

### Configuring the fixture

Set up the fixture using the control panel and LCD display at the arm side of the fixture.

Navigate the menus and options using the arrow buttons and select items using the Enter button. The options available are listed in "Control menu" on page 13. After powering on, the display shows the currently selected operating mode and other information.

The fixture is set by default to be controlled in DMX mode.

#### Master/Slave configuration

You can set a fixture to operate as master fixture to another fixture (which then becomes a slave fixture), or an entire group of fixtures (which then becomes slave fixtures). The assigned slave fixture(s) will mimic the settings of the master fixture. Use the "Auto Program -> Auto Color / Auto Fade" menu to set your fixture as master fixture, then other fixtures set to DMX mode as slave fixture.

#### Setting a static color manually

The fixture can be configured to display a predefined and static color using the "Manual Color" (see "Control menu" on page 13).

It may suit your needs when you without a DMX controller to do the color mixing.

### Using stand-alone operation

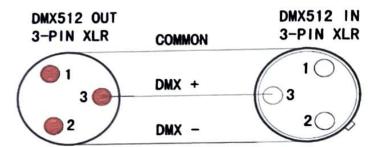
Stand-alone operation is where the fixture is not connected to a control device, but is preprogrammed with 2 modes (Auto Color, Auto Fade), that play continuously in a loop, the run speed of "Auto Color", "Auto Fade" are adjustable. To define a stand-alone program, use the "Auto Program" menus (see "Control menu" on page 13).

# Connecting to a DMX control device

The fixture is controllable using a DMX control device and it can be connected using a DMX cable.

If using a cabled DMX system, connect the DMX in cable (with male 3-pin XLR plug) and out cable (with female 3-pin XLR plug) to the DMX data link. Terminate the DMX out cable of the last fixture in the data link. For outdoor installations, use only IP-rated XLR connectors suitable for outdoor use.

The DMX512 is widely used in intelligent lighting control, with a DMX 512 controller. connect several lights together, DMX in and DMX out, 3 pin XLR connectors: Pin 1: GND, Pin 2: Negative signal (-), Pin 3: Positive signal (+)



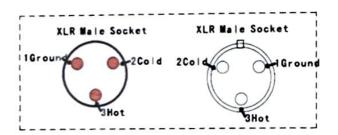


Figure 2

| XLR Pi     | n Configuration       |
|------------|-----------------------|
| pin1=Group | nd                    |
| pin2-Data  | Compliment (negative) |
| pin3-Data  | true (positive)       |

### Configuring the fixture for DMX control

#### About DMX

The fixture can be controlled using signals sent by a DMX controller on a number of channels (which varies depending on the DMX mode that has been set).

The first channel used to receive data from a DMX control device is known as the DMX start address. Each fixture must have a DMX start address set. For example, if a fixture has a DMX address of 10 and it is in 4-channel DMX mode, then it uses channels 10, 11,12 and 13. The following fixture in the DMX chain could then be set to a DMX address of 14. If two or more DMX fixtures of the same type have the same DMX address, then they will mimic each other's behaviour. Incorrect settings will result in unpredictable responses to the lighting controller.

#### Setting the DMX address

The DMX address can be seen on the main screen. To change the address setting, press the up arrow to increase the address, or the down arrow to decrease the setting. When the desired address is displayed, press Enter to save the setting.

Note that channel spacing is determined by the DMX mode.

See the "DMX protocols" on page 11 for specific DMX control values.

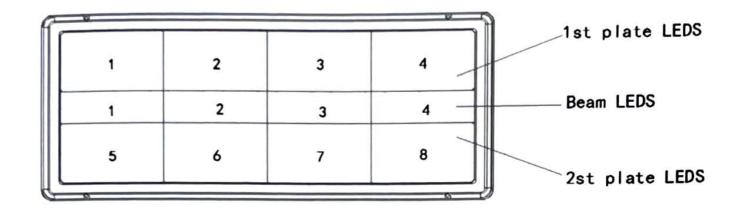
### **Setting the DMX mode**

Using the "DMX Channel Mode" menu available from the control panel, specify the DMX mode that provides the fixture controls that you require, confirm chosen mode by pressing 'Enter'.

### Cleaning

To maintain optimal performance, regular cleaning is essential. Cleaning schedules will vary depending on the operating environment, and the installation should therefore be checked at frequent intervals within the first few weeks of operation to see whether cleaning is necessary. This procedure will allow you to assess cleaning requirements in your particular situation. Clean the fixture using a soft cloth dampened with a solution of water and a mild detergent. Do not use products that contain solvents, abrasives or caustic agents for cleaning, as they can cause damage to both hardware, cables and connectors.

### DMX protocols



### 7 Channel mode

| / Chamber mode |               |              |                          |  |  |
|----------------|---------------|--------------|--------------------------|--|--|
| Channel        | Name          | DMX<br>Value | Description              |  |  |
| 1              | Tilt          | 0-255        | Tilt Movement            |  |  |
| 2              | Beam Dimmer   | 0-255        | Tube Strobe Intensity    |  |  |
|                |               | 0-5          | No Strobe                |  |  |
|                |               | 6-42         | Strobe Mode 1            |  |  |
|                |               | 43-85        | Strobe Mode 2            |  |  |
| 3              | Beam Mode     | 86-128       | Strobe Mode 3            |  |  |
|                |               | 129-171      | Strobe Mode 4            |  |  |
|                |               | 172-214      | Strobe Mode 5            |  |  |
|                |               | 215-255      | Strobe Mode 6            |  |  |
| 4              | Plate Red     | 0-255        | Plate Red Dimmer         |  |  |
| 5              | Plate Green   | 0-255        | Plate Green Dimmer       |  |  |
| 6              | Plate Blue    | 0-255        | Plate Blue Dimmer        |  |  |
| _              | Dieta Charles | 0-9          | No Strobe                |  |  |
| 7              | Plate Strobe  | 10-255       | Strobe from slow to fast |  |  |

14 Channel mode

| Channel         Name         DMX Value         Description           1         Tilt         0-255         Tilt Movement           2         Tilt Fine         0-255         Tilt Fine Movement           3         Dimme         0-255         Tube Strobe Intensity           4         Beam Dimmer         0-255         Tube Strobe Intensity           0-5         No Strobe         6-42         Strobe Mode 1           43-85         Strobe Mode 2         Strobe Mode 2           86-128         Strobe Mode 3         129-171         Strobe Mode 4           172-214         Strobe Mode 5         215-255         Strobe Mode 6           6         Beam Duration         0-255         Tube Flash Duration 0~3s           0-15         Tube Macro Off         16-57         Tube Macro 0           16-57         Tube Macro 1         58-99         Tube Macro 2           7         Beam Macro         100-141         Tube Macro 3           142-183         Tube Macro 3         142-183         Tube Macro 4           184-225         Tube Macro 5         226-255         Tube Macro 6           8         Plate Red         0-255         Plate Green Dimmer           9         Plate Blue   | 14 Channel | mode                |              |  |
|--|------------|---------------------|--------------|--|
| Tilt   | Channel    | Name                | DMX<br>Value | Description  |
| Tilt Fine   0-255  |            | Tilt                |              | Tilt Movement  |
| Dimme  |            |                     |              |  |
| Seam Dimmer   0-255  |            | 3.70993.50 pt 900 5 |              | THE PHOVEHICITE  |
| D-5  |            |                     |              | Tube Strobe Intensity  |
| Beam Mode  | 4          | Beam Dimmer         |              | Date of the second seco |
| ## Strobe Mode 2  ## Strobe Mode 2  ## Strobe Mode 3  ## Strobe Mode 3  ## Strobe Mode 4  ## Strobe Mode 5  ## Strobe Mode 5  ## Strobe Mode 6  ## Strobe Mode 6  ## Strobe Mode 6  ## Strobe Mode 5  ## Strobe Mode 6  ## Strobe Mode 6  ## Strobe Mode 5  ## Strobe Mode 6  ## Strobe Mode 6  ## Strobe Mode 2  ## Strobe Mode 3  ## Strobe Mode 4  ## Indeed 4  ## Strobe Mode 3  ## Strobe Mode 3  ## Strobe Mode 4  ## Indeed Accord |            |                     |              |  |
| Beam Mode  | _          |                     |              |  |
| 129-171   Strobe Mode 4     172-214   Strobe Mode 5     215-255   Strobe Mode 6     6   Beam Duration   0-255   Tube Flash Duration 0~3s     0-15   Tube Macro Off     16-57   Tube Macro 1     58-99   Tube Macro 2     100-141   Tube Macro 3     142-183   Tube Macro 4     184-225   Tube Macro 5     226-255   Tube Macro 6     8   Plate Red   0-255   Plate Red Dimmer     9   Plate Green   0-255   Plate Green Dimmer     10   Plate Blue   0-255   Plate Blue Dimmer     11   Plate Strobe   0-9   No Strobe     10-255   Strobe from slow to fast     0-4   Plate Macro Off     5-9   Plate Macro 1     10-14   Plate Macro 2     12   Plate Macro   1     10   Plate Macro 3     12   Plate Macro   1     12   Plate Macro   1     13   Plate Macro   1     14   Plate Macro   2     15-19   Plate Macro   2     15-19   Plate Macro   3     15   Plate Macro   1     10   Plate Macro   1     10   Plate Macro   1     10   Plate Macro   2     10   Plate Macro   2     10   Plate Macro   2     10   Plate Macro   2     10   Plate Macro   3     10   Plate Macro   2     10   Plate Macro   3     10   Plate Macro      | 5          |                     |              |  |
| 172-214   Strobe Mode 5  |            | Beam Mode           |              |  |
| 215-255   Strobe Mode 6  |            |                     | 129-171      | Strobe Mode 4  |
| 6         Beam Duration         0-255         Tube Flash Duration 0~3s           7         Beam Macro         0-15         Tube Macro Off           58-99         Tube Macro 2         100-141         Tube Macro 3           142-183         Tube Macro 4         184-225         Tube Macro 5           226-255         Tube Macro 6         Plate Red Dimmer           9         Plate Green         0-255         Plate Green Dimmer           10         Plate Blue         0-255         Plate Blue Dimmer           11         Plate Strobe         0-9         No Strobe           10-255         Strobe from slow to fast           0-4         Plate Macro Off           5-9         Plate Macro 1           10-14         Plate Macro 2           12         Plate Macro 3  |            |                     | 172-214      | Strobe Mode 5  |
| 12   Plate Macro   10-15   Tube Macro Off   16-57   Tube Macro 1   10-58-99   Tube Macro 2   100-141   Tube Macro 3   142-183   Tube Macro 4   184-225   Tube Macro 5   226-255   Tube Macro 6   10-255   Plate Red Dimmer   10   Plate Blue   0-255   Plate Green Dimmer   10   Plate Blue   0-255   Plate Blue Dimmer   10   Plate Strobe   10-255   Strobe from slow to fast   0-4   Plate Macro Off   10-14   Plate Macro 1   10-14   Plate Macro 2   11-19   Plate Macro 3   Plate Macro 3   Plate Macro 3   Plate Macro 3   Plate Macro 1   10-14   Plate Macro 3   Plate Macro 1   10-14   Plate Macro 3   Plate Macro 1   Plate Macro 3   Plate Macro 4   Plate Pl   |            |                     | 215-255      | Strobe Mode 6  |
| Tube Macro 1   | 6          | Beam Duration       | 0-255        | Tube Flash Duration 0~3s   |
| Tube Macro 2   100-141   Tube Macro 3   142-183   Tube Macro 4   184-225   Tube Macro 5   226-255   Tube Macro 6   8   Plate Red   0-255   Plate Red Dimmer   9   Plate Green   0-255   Plate Green Dimmer   10   Plate Blue   0-255   Plate Blue Dimmer   11   Plate Strobe   10-255   Strobe from slow to fast   0-4   Plate Macro 0ff   5-9   Plate Macro 1   10-14   Plate Macro 2   12   Plate Macro 3   Plate Macro 1   Plate Macro 3   Plate Macro 4    |            | Beam Macro          | 0-15         | Tube Macro Off   |
| Tube Macro 3   100-141   Tube Macro 3   142-183   Tube Macro 4   184-225   Tube Macro 5   226-255   Tube Macro 6   8   Plate Red   0-255   Plate Red Dimmer   9   Plate Green   0-255   Plate Green Dimmer   10   Plate Blue   0-255   Plate Blue Dimmer   11   Plate Strobe   0-9   No Strobe   10-255   Strobe from slow to fast   0-4   Plate Macro Off   5-9   Plate Macro 1   10-14   Plate Macro 2   12   Plate Macro 3   Plate Macro 4   Plate Macro 3   Plate Macro 4   Plate Macro 4   Plate Macro 4   Plate Macro 3   Plate Macro 4   Plate Macro 5   Plate Macro 4   Plate Macro    |            |                     | 16-57        | Tube Macro 1   |
| 142-183   Tube Macro 4     184-225   Tube Macro 5     226-255   Tube Macro 6     8   |            |                     | 58-99        | Tube Macro 2   |
| 184-225   Tube Macro 5   | 7          |                     | 100-141      | Tube Macro 3   |
| 226-255   Tube Macro 6   |            |                     | 142-183      | Tube Macro 4   |
| 8         Plate Red         0-255         Plate Red Dimmer           9         Plate Green         0-255         Plate Green Dimmer           10         Plate Blue         0-255         Plate Blue Dimmer           11         Plate Strobe         0-9         No Strobe           10-255         Strobe from slow to fast           0-4         Plate Macro Off           5-9         Plate Macro 1           10-14         Plate Macro 2           12         Plate Macro 3           Plate Macro 3   |            |                     | 184-225      | Tube Macro 5   |
| 9         Plate Green         0-255         Plate Green Dimmer           10         Plate Blue         0-255         Plate Blue Dimmer           11         Plate Strobe         0-9         No Strobe           10-255         Strobe from slow to fast           0-4         Plate Macro Off           5-9         Plate Macro 1           10-14         Plate Macro 2           12         Plate Macro 3           Plate Macro 3  |            |                     | 226-255      | Tube Macro 6   |
| 10         Plate Blue         0-255         Plate Blue Dimmer           11         Plate Strobe         0-9         No Strobe           10-255         Strobe from slow to fast           0-4         Plate Macro Off           5-9         Plate Macro 1           10-14         Plate Macro 2           Plate Macro 3           Plate Macro 3  | 8          | Plate Red           | 0-255        | Plate Red Dimmer   |
| 11         Plate Strobe         0-9         No Strobe           10-255         Strobe from slow to fast           0-4         Plate Macro Off           5-9         Plate Macro 1           10-14         Plate Macro 2           Plate Macro 3         Plate Macro 3  | 9          | Plate Green         | 0-255        | Plate Green Dimmer   |
| 11 Plate Strobe  10-255 Strobe from slow to fast  0-4 Plate Macro Off  5-9 Plate Macro 1  10-14 Plate Macro 2  Plate Macro 3  Plate Macro 3  | 10         | Plate Blue          | 0-255        | Plate Blue Dimmer  |
| 10-255 Strobe from slow to fast  0-4 Plate Macro Off  5-9 Plate Macro 1  10-14 Plate Macro 2  Plate Macro 3  Plate Macro 3   | 11         | Dista Charles       | 0-9          | No Strobe  |
| 5-9 Plate Macro 1 10-14 Plate Macro 2 12 Plate Macro 3 Plate Macro 3   | 11         | riate Strobe        | 10-255       | Strobe from slow to fast   |
| 12 Plate Macro 2 15-19 Plate Macro 3 Plate Macro 3   |            |                     | 0-4          | Plate Macro Off  |
| Plate Macro 15-19 Plate Macro 3  |            |                     | 5-9          | Plate Macro 1  |
| Plate Macro  |            |                     | 10-14        | Plate Macro 2  |
| Plate Macro  | 12         | Plate Macro         | 15-19        | Plate Macro 3  |
|  |            |                     |              | Plate Macro  |
| 250-254 Plate Macro 50   |            |                     |              |  |

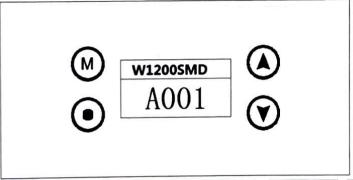
|    |                   | 255   | Plate Macro 51          |
|----|-------------------|-------|-------------------------|
| 13 | Plate Macro Color | 0-255 | Plate Macro Color       |
| 14 | Plate Macro Speed | 0-255 | Speed From Slow To Fast |

### 42 Channel mode

| 42 Chamiel mode |               | DMX     | <b>D</b>                 |
|-----------------|---------------|---------|--------------------------|
| Channel         | Name          | Value   | Description              |
| 1               | Tilt          | 0-255   | Tilt Movement            |
| 2               | Tilt Fine     | 0-255   | Tilt Fine Movement       |
| 3               | Beam Dimmer   | 0-255   | Tube Strobe Intensity    |
|                 |               | 0-5     | No Strobe                |
|                 |               | 6-42    | Strobe Mode 1            |
|                 |               | 43-85   | Strobe Mode 2            |
| 4               | Beam Mode     | 86-128  | Strobe Mode 3            |
|                 |               | 129-171 | Strobe Mode 4            |
|                 |               | 172-214 | Strobe Mode 5            |
|                 |               | 215-255 | Strobe Mode 6            |
| 5               | Beam Duration | 0-255   | Tube Flash Duration 0~3s |
|                 |               | 0-15    | Tube Macro Off           |
|                 | Beam Macro    | 16-57   | Tube Macro 1             |
|                 |               | 58-99   | Tube Macro 2             |
| 6               |               | 100-141 | Tube Macro 3             |
| 551             |               | 142-183 | Tube Macro 4             |
|                 |               | 184-225 | Tube Macro 5             |
|                 |               | 226-255 | Tube Macro 6             |
| 7               | Plate Red     | 0-255   | Plate Red Dimmer         |
| 8               | Plate Green   | 0-255   | Plate Green Dimmer       |
| 9               | Plate Blue    | 0-255   | Plate Blue Dimmer        |
| 10              | Plate Strobe  | 0-255   | Plate Strobe             |
|                 | Plate Macro   | 0-4     | Plate Macro Off          |
| 11              |               | 5-9     | Plate Macro 1            |
|                 |               | 10-14   | Plate Macro 2            |
|                 |               | 15-19   | Plate Macro 3            |
|                 |               |         | Plate Macro              |
|                 |               | 250-254 | Plate Macro 50           |
|                 |               | 255     | Plate Macro 51           |
|                 |               | 255     | Flate Macro 31           |

| 12 | Plate Macro Color   | 0-255 | Plate Macro Color          |
|----|---------------------|-------|----------------------------|
| 13 | Plate Macro Speed   | 0-255 | Speed From Slow To Fast    |
| 14 | Reserved            | 0-255 | Reserved Channel           |
| 15 | Beam Pixel 1        | 0-255 | Tube Pixel 1               |
| 16 | Beam Pixel 2        | 0-255 | Tube Pixel 2               |
| 17 | Beam Pixel 3        | 0-255 | Tube Pixel 3               |
| 18 | Beam Pixel 4        | 0-255 | Tube Pixel 4               |
| 19 | Plate Pixel 1 Red   | 0-255 | Plate Pixel 1 Red Dimmer   |
| 20 | Plate Pixel 1 Green | 0-255 | Plate Pixel 1 Green Dimmer |
| 21 | Plate Pixel 1 Blue  | 0-255 | Plate Pixel 1 Blue Dimmer  |
| m  | 3111                | •••   | on .                       |
| 40 | Plate Pixel 8 Red   | 0-255 | Plate Pixel 8 Red Dimmer   |
| 41 | Plate Pixel 8 Green | 0-255 | Plate Pixel 8 Green Dimmer |
| 42 | Plate Pixel 8 Blue  | 0-255 | Plate Pixel 8 Blue Dimmer  |

### Control menu



power-on password: UP - DOWN- UP - DOWN- ENTER

Press button UP or DOWN if you want to browse through the various Setup Options.

Press button ENTER to save your settings or enter the next menu.

Press button UP or DOWN to shift.

Press button Menu will return to the upper menu one by one.

#### **Set DMX Address:**

- 1.Press "MENU" to unlock screen, then select the "DMX Address" and press "ENTER".
- 2. Showing "Set DMX Address 001", Press the "UP or DOWN" key to increase or decrease the DMX address value.
- 3 Press "ENTER" to save and Exit, Press "Cancel" does not save and Exit.

| Level 1        | Level 2          | Description          |  |
|----------------|------------------|----------------------|--|
| DMX<br>Address | 001-512          | Set DMX address      |  |
| DMX            | 7 Channel Mode   | 7 channels DMX mode  |  |
| Channel        | 14 Channel Mode  | 14 channels DMX mode |  |
| Mode           | 42 Channel Mode  | 42 channels DMX mode |  |
|                | Tilt             | 000~255              |  |
|                | Tilt Fine        | 000~255              |  |
|                | Aura Dimmer      | 000~255              |  |
|                | Aura Strobe      | 000~255              |  |
| Manual         | Aura Red         | 000~255              |  |
| Manual         | Aura Green       | 000~255              |  |
| Color          | Aura Blue        | 000~255              |  |
|                | Aura Macro       | 000~255              |  |
|                | Aura Macro Color | 000~255              |  |
|                | Aura Macro Speed | 000~255              |  |
|                | White Dimmer     | 000~255              |  |

|           | White Strobe      | 000~255                                |
|-----------|-------------------|--|
|           | White Macro       | 000~255                                |
|           | White Macro Speed | 000~255                                |
| Language  | English           |  |
| (语言)      | 中文                |  |
| Dicplay   | Normal            |  |
| Display   | Reverse           | 180 degrees reverse                    |
| Backlight | ON                | Always ON                              |
| Backlight | 30S               | OFF after 30 seconds without operation |
| DMX Fail  | Blackout          | Blackout When Lost DMX Signal          |
| DMA Fall  | Hold              | Keep DMX Value When Lost DMX Signal    |
| Factory   | NO                |  |
| Settings  | YES               |  |
|           | RDM UID           | RDM UID                                |
|           | Version           | Software Version Number                |
| System    | DMX Channel       | Currently used mode                    |
| Info      | Run Time          | 00:00:00 Total usage time              |
|           | User Time         | 00:00 The time of use                  |
|           | Temperature       | Current Operating Temperature          |

### 12. Specification

#### **Strobe Panel LEDs**

LED Type: 5050 0.5W RGB 3in1 LEDs

LED Count: 560 LED Colors: RGB

LED Segments: 8 (2 x 4)

#### **Strobe Tube LEDs**

LED Type: 3535 5W 6500K LEDs

LED Count: 144

LED Colors: Cool-White

LED Segments: 4

#### **Movement** Resolution:

8-16 Bit Position

Feedback: yes Tilt

(Degrees): 185°

#### Control

Control Modes: 7CH / 14CH / 42CH Display: Illuminated graphic LCD

Protocol: USITT DMX-512, RDM

RDM: Bidirectional communication

Wireless DMX: 2.4 GHz W-DMX<sup>™</sup> (optional)

Cooling: Temperature controlled, overheating protection

#### **Effects**

Dimmer: 0-100% electronic Shutter: electronic, max. 20 Hz Internal

Effects: LED Macro Effects

#### **Connectors**

Signal connection: Seetronic IP65 XLR 5-Pin or 3-Pin In/Out

Power Input: Seetronic powerCON TRUE1 In/Out

#### **Operating Condtions**

Mains voltage: 100-240V AC / 50-60Hz

Power: 1000W

Maximum ambient temperature: -30°C / 86°F, 50°C / 122°F Operating

Position: any

### **Mounting Options**

Standing: Rubber feet

Hanging:

Omega-Bracket

Safety wire attachment: foldout eyelets

### Shipping

Single fixture: cardboard (inner and outer cartons)

Tourpack: 4-way Flight Case

### **Housing Colors**

Standard colors: black

### **Dimensions & Weight**

Length: 502 mm / 119.8 in

Width: 137 mm / 5.4 in

Height (head horizontal): 326 mm / 12.8 in

### Weight

N.W: 11.2 kg

G.W: 13.5 kg

### **ACCESSORIES**

These items are packed together with the projector:

| Name        | Quantity | Unit | Remark |
|-------------|----------|------|--------|
| This manual | 1        | Pcs  | Paper  |
| Power cable | 1        | Pcs  | 1.5m   |
| XLR cable   | 1        | Pc   | 1.5m   |
| Safety cord | 1        | Рс   |        |
| BRACKET     | 1        | Pc   |        |