CITY LED 96*10W – RGBW – 4IN1

## LED Washer Series

User's Manual



**User's Manual**

WWW.ELECTRALIGHT.COM.BR

# ELECTRA▼LIGHT ®

**SETUP AND OPERATION**          **Memo:**

**Power Supply**:
This fixture has an auto-switching power supply that can accommodate a wide range of input voltages. But before plugging the units in, make sure that the source voltage in your area matches the required voltage for your units. You should be sure that your unit voltage matches the wall outlet voltage before attempting to operate your units.

**DMX Cable Requirements**:
The fixture can be controlled via standard DMX-512 protocol. It has 6 DMX channels which can be set up on LED display panel. You need to use a standard 3-pin XLR connector for data input and output If you are using your own cables, be sure to use standard two conductor shielded cable. Your cables should be made with a male and female XLR connector on either end of the cable. Also remember that DMX cable must be daisy chained and cannot be split.

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

**Cabling the Fixtures**
The fixtures need to be connected to each other with standard DMX data cables as shown below: LED Washer SERIER User's Manual

In DMX Controller mode, at the last fixture in the chain, the DMX output has to be connected with a DMX terminator. This prevents electrical noise from disturbing and corrupting the DMX control signals

The DMX terminator is simply an XLR connector with a 90 - 120Ω (ohm) 1/4 watt resistor

Connected across pins 2 and 3 of a male XLR connector (DATA+ and DATA-). This terminator is then plugged into the output socket on the last fixture in the daisy chain to terminate the line Using a cable terminator will decrease the possibilities of erratic behavior. The connections are illustrated below.

| DATE | REPAIR RECORD |
|------|---------------|
|      |               |
|      |               |
|      |               |
|      |               |
|      |               |
|      |               |
|      |               |
|      |               |
|      |               |
|      |               |
|      |               |
|      |               |
|      |               |
|      |               |
|      |               |

# SAFY INSTRUCTIONS

**Thank you very much for your purchasing this device, please read these instructions carefully, it includes important information about the installation, usage and maintenance of the product.**

● Please keep this User Guide for future consultation. If you sell the unit to another user, be sure that they also receive this instruction booklet.
● 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.
● This product is intended for indoor use only!
● To prevent risk of fire or shock, do not expose fixture to rain or moisture. Make sure there are no flammable materials close to the unit while operating.
● The unit must be installed in a location with adequate ventilation, at least 20in (50cm) from adjacent surfaces. Be sure that no ventilation slots are blocked.
● Always disconnect from power source before servicing or replacing fuse and be sure to replace with same fuse size and type.
● Secure fixture to fastening device using a safety chain. Never carry the fixture solely by its head. Use its carrying handles.
● Maximum ambient temperature (Ta) is 104 °F (40 ° C). Do not operate fixture at temperatures higher than this.
● In the event of a serious operating problem, stop using the unit immediately. Never try to repair the unit by yourself. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center. Always use the same type spare parts.
● Make sure the power cord is never crimped or damaged.
● Never disconnect the power cord by pulling or tugging on the cord.
● Avoid direct eye exposure to the light source while it is on.

**Warning!**
 Verify that the voltage select switch on your unit matches the line voltage applied. Damage to your fixture may result if the line voltage applied does not match the voltage indicated on the voltage selector switch. All fixtures must be connected to circuits with a suitable Earth Ground.

## LED DISPLAY AND KEYSETUP

The unit has a 4-digit LED display to configure its functions. This LED display has four touch buttons: <MENU>, <UP>, <DOWN> and <ENTER>.
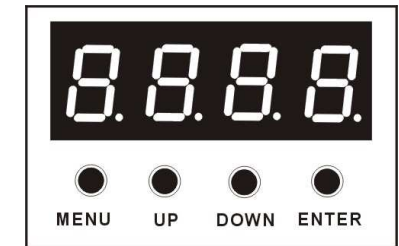
You can access these functions by using the four bottons. Here are functons of these buttons.



<**MENU**>: this button is used to access the menu or to return to a previous menu option.

<**UP**>: this button is used to scroll through menu options in descending order.

<**DOWN**>: this button is used to select and store the current menu or option within a menu.

<**ENTER**>: this button is used to selects menu option.

   Normally, the LED will display current DMX address code, as like: "DMX Address: 001". Press<MENU> to enter the main menu; press <UP> or <DOWN> to scroll in the menu or submenu options; Press <ENTER> to confirm your selection. Any time press and hold <UP> or <DOWN>,the value will rapidly change and stop when released. Once the value is set, press <ENTER> again to save and exit to the main menu.

   Turn on the fixture, and after initialization, it is ready for setting and working. Please see the following table for setting information.

## LED Washer – RGBW

### 1. Technical Parameter:

Voltage: 110-240/50-60Hz

Model: 96*10W 4-in-1 RGBW LED;

DMX Channels: 4/8CH/12CH

Function: DMX, sound control, built-in program, M/s

And program chooses color, change color.

**Size: 640×410×820mm**
**N.W:20KG;**

### 2.DISPLAY PANEL: (need to press enter to confirm and save the function you choose）

| No. | LED display | Function |
|-----|-------------|----------|
| 1 | A001 | 4 DMX channel,(001—512） |
| 2 | H001 | 8 DMX channels,（001—512）B、C key change speed |
| 3 | h001 | 12DMX channels，（001—512）B、C key change speed |
| 4 | CC50 | 7 color jump change（00—99）B、C key change speed |
| 5 | CP50 | 7 color pulse change，（00—99）B、C key change speed |
| 6 | DE50 | 7 color fade（00—99）B、C key change speed |
| 7 | DEDE | 7 color Music control（00—99）B、C key change speed |
| 8 | R255 | Red color change（000—255）B、C key change speed |
| 9 | G255 | Green color change（000—255）B、C change speed |
| 10 | B255 | Blue color change（000—255）B、C key change speed |
| 11 | n255 | Flash（000—255 ,B、C key change speed |

### 3. DMX Channels tables:

### 1).DMX 512:4 channels function:

| Channel | Function | Instruction |
|---------|----------|-------------|
| CH1 | Red | Red dimmer |
| CH2 | Green | Green dimmer |
| CH3 | Blue | Blue dimmer |
| CH4 | White | White dimmer |

### 2).DMX512:12 channels function

| Channel | Function | detail |
|---------|----------|--------|
| CH1 | Total dimmer | R、G、B、Main dimmer |
| CH2 | Total flash | R、G、B、Main strobe |
| CH3 | Function | 0—50：DMX512；51—99：jump change；100—150：gradually change；151—200：fade ；201—250：pulse change；251—255：music control |
| CH4 | Speed | Function speed |
| CH5 | Red dimmer | Red dimmer |
| CH6 | Green dimmer | Green dimmer |
| CH7 | Blue dimmer | Blue dimmer |
| CH8 | White dimmer | White dimmer |

### 3) DMX512:12 channels function

| Channel | Function | detail |
|---------|----------|--------|
| CH1 | Total dimmer | R、G、B、Main dimmer |
| CH2 | Total flash | R、G、B、Main strobe |
| CH3 | Function | 0—50：DMX512；51—99：jump change；100—150：gradually change；151—200：fade ；201—250：pulse change；251—255：music control |
| CH4 | Speed | Function speed |
| CH5 | Red1 dimmer | Red dimmer |
| CH6 | Green1 dimmer | Green dimmer |
| CH7 | Blue1 dimmer | Blue dimmer |
| CH8 | White1 dimmer | White dimmer |
| CH5 | Red2 dimmer | Red dimmer |
| ○○○○ | ○○○○ | ○○○○ |