## 10x30w LED bar zoom moving Head User Manual



This manual contains important information. Please read before operating fixture.

## 1 Before you begin

## What's included :

1. 300W LED Bar Zoom moving head
2. Power cable
3. DMX cable
4. Hanging Bracket with Mounting
5. Manual

## Unpacking Instructions

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition

## Claims

If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier immediately. Failure to report damage to the carrier immediately may invalidate your claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage.

## Text Conventions

| Convention | Meaning |
| :---: | :--- |
| $1-512$ | A range of values |
| $50 / 60$ | A set of values of which only one can be chosen |
| Settings | A menu option not to be modified |
| Menu > Settings | A sequence of menu options to be followed |
| <ENTER> | A key to be pressed on the product's control panel |
| ON | A value to be entered or selected |

## Symbols

| Symbol | Meaning |
| :--- | :--- |
| C | Critical installation, configuration, or operation information. Not <br> following these instructions may make the product not work, cause <br> damage to the product, or cause harm to the operator |
|  | Important installation or configuration information. The product may not <br> function correctly if this information is not used |
|  | Useful information |

## Product at a Glance

| Use on Dimmer | X | Auto Programs | $\checkmark$ |
| :--- | :---: | :--- | :---: |
| Outdoor Use | $\mathbf{X}$ | Auto-ranging Power Supply | $\checkmark$ |
| Sound-Activated | $\checkmark$ | Replaceable Fuse | $\checkmark$ |
| DMX | $\checkmark$ | User-Serviceable | $\mathbf{X}$ |
| Master/Slave | $\checkmark$ |  |  |

## Safety Notes

These notes include important information about the mounting, usage, and maintenance of this product; read before using the product.


Always connect the product to a grounded circuit to avoid the risk of electrocution.
Always disconnect the product from power before cleaning or replacing the fuse.
Avoid direct eye exposure to the light source while the product is on.
Make sure the power cord is not crimped or damaged.
Never disconnect the product from power by pulling or tugging on the cord.'
If mounting the product overhead, always secure to a fastening device using a safety cable.
Make sure there are no flammable materials close to the product when operating. Do not touch the product's housing when operating because it may be very hot.

Always make sure that the voltage of the outlet to which you are connecting the product is within the range stated on the decal or rear panel of the product.

The product is for indoor use only! (IP20) To prevent risk of fire or shock, do not expose the product to rain or moisture.

Always install the product in a location with adequate ventilation, at least 20 in ( 50 cm ) from adjacent surfaces.

Be sure that no ventilation slots on the product's housing are blocked.
Never connect the product to a dimmer or rheostat.
Make sure to replace the fuse with another of the same type and rating.
Never carry the product from the power cord or any moving part. Always use the hanging/mounting bracket.

The maximum ambient temperature ( Ta ) is $104^{\circ} \mathrm{F}\left(40^{\circ} \mathrm{C}\right)$. Do not operate the product at higher temperatures.
In the event of a serious operating problem, stop using the product immediately. Never try to repair the product. Repairs carried out by unskilled people can lead to damage or malfunction. Please contact the nearest authorized technical assistance center.

To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.


Keep this User Manual for future use. If you sell the product, give this document to the next owner.

## Product overview



## Product Dimensions :



## SETUP

## AC Power

The LED Bar has an auto-ranging power supply and it can work with an input voltage range of 100 to $240 \mathrm{VAC}, 50 / 60 \mathrm{~Hz}$.

To determine the product's power requirements (circuit breaker, power outlet, and wiring), use the current value listed on the label affixed to the product's back panel, or refer to the product's specifications chart. The listed current rating indicates the product's average current draw under normal conditions

!
Always connect the product to a protected circuit (circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.

To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it

Never connect the product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100\% switch

## Fuse Replacement

1. Disconnect the product from power.
2. Using a flat-head screwdriver, unscrew the fuse holder cap from the housing.
3. Remove the blown fuse.
4. Replace with a fuse of the same type and rating.

Screw the fuse holder cap back in place and reconnect power.

4
Disconnect the product from power before replacing the fuse.
Always replace a blown fuse with another of the same type and rating

## Mounting

Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes

## Orientation

The LED Bar may be mounted in any position; however, make sure adequate ventilation is provided around the product

## Rigging

Before deciding on a location for the product, always make sure there is easy access to the product for maintenance and programming purposes.

Make sure that the structure or surface onto which you are mounting the product can support the product's weight. See the Technical Specifications for weight information.

When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, whether an elevated platform or a truss.

When rigging the product onto a truss, use a mounting clamp of appropriate weight capacity.

When power linking multiple products, always consider the length of the power linking cable and mount the products close enough for the cable to reach.

The rubber feet also serve as floor supports. When mounting the product on the floor, make sure that the product and cables are away from people and vehicles

## Mounting Diagram

## Mounting clamps



When using only one mounting clamp with this fixture, use a clamp with a captive bolt to prevent accidental loosening

## OPERATION

Control Panel Operation : To access the control panel functions, use the four buttons located underneath the display

| Button | Function |
| :--- | :--- |
| <MENU> | Press to find an operation mode or to back out of the current menu option |
| <UP> | Press to scroll up the list of options or to find a higher value |
| <DOWN> | Press to scroll down the list of options or to find a lower value |
| <ENTER> | Press to activate a menu option or a selected value |

## Menu Map

| DMX MODE | 001-512 |  |  |
| :---: | :---: | :---: | :---: |
| RUN | DMX512 |  |  |
|  | Auto1 |  |  |
|  | Auto 2 |  |  |
|  | Sound1 |  |  |
|  | Sound2 |  |  |
| DMX MODE | COMP |  |  |
|  | HIRES |  |  |
|  | DPIX |  |  |
|  | DPIXH |  |  |
|  | SPIX |  |  |
|  | SPIXH |  |  |
|  | NORM |  |  |
| TEST | ALL |  |  |
|  | Pan\&Tilt |  |  |
|  | LED |  |  |
| SET | Disp. setting | Display | ON |


|  |  |  | OFF |
| :---: | :---: | :---: | :---: |
|  |  | Flip display | ON |
|  |  |  | OFF |
|  |  | Key lock | ON |
|  |  |  | OFF |
|  |  | Disp flash | ON |
|  |  |  | OFF |
|  |  | Back light | 001-050 |
|  | Pan Invert | ON |  |
|  |  | OFF |  |
|  | Tilt Invert | ON |  |
|  |  | OFF |  |
|  | Pan-Tilt Swap | ON |  |
|  |  | OFF |  |
|  | No DMX Signal | Keep |  |
|  |  | Clear |  |
|  | Language | English |  |
|  |  | 中文 |  |
| INFO | Time info | Total Fix.Hours | 0000:00 |
|  |  | Partial Fix. Hours | 0000:00 |
|  | Software Ver. | SX- V1.00 |  |
| Manual | Zoom | 000-255 |  |
|  | Tilt | 000-255 |  |
|  | Fuction | 000-255 |  |
|  | Dimmer | 000-255 |  |
|  | Strobe | 000-255 |  |
|  | Macro | 000-255 |  |
|  | Red | 000-255 |  |
|  | Green | 000-255 |  |
|  | Blue | 000-255 |  |
|  | White | 000-255 |  |
|  | Chase | 000-255 |  |
|  | Chase Speed | 000-255 |  |


| Reset | All Reset | No |
| :--- | :--- | :--- |
|  |  | Yes |

## Configuration (DMX)

Set the product in DMX mode to control with a DMX controller.

1. Connect the product to a suitable power outlet.
2. Connect a $D M X$ cable from the $D M X$ output of the $D M X$ controller to the $D M X$ input socket on the product.

## Starting Address

When selecting a starting DMX address, always consider the number of DMX channels the selected DMX mode uses. If you choose a starting address that is too high, you could restrict the access to some of the product's channels.

To select the starting address, do the following:

1. Press <MENU>.
2. Use <UP> or <DOWN> to choose Address.
3. Press <ENTER>.
4. Use <UP> or <DOWN> to select the starting address.

Press <ENTER>

## DMX Personalities

The LED Bar has seven DMX personalities.
To choose which DMX personality to use, follow the steps below:

1. Press <MENU>.
2. Use <UP> or <DOWN> to choose Run Mode.
3. Press <ENTER>.
4. Use <UP> or <DOWN> to select DMX.
5. Press <ENTER>.
6. Use <UP> or <DOWN> until either 33CH (to choose the channel personality) or 49CH (to choose the channel personality) shows on the display.
Press <ENTER>

## DMX Assignments

| COMP(33CH) |  |  |
| :---: | :--- | :--- |
| Channel | DMX value | Function |
| 1 | $0-255$ | Tilt |


| 2 | 0-255 | Tilt fine |
| :---: | :---: | :---: |
| 3 | 0-255 | Zoom, wide(flood)-Narrow(spot) |
| 4 | 0-7 | Reserved |
|  | 8-255 | Reserved |
| 5 | Set 1 color | xed) |
|  | 0-7 | Colors adjustable via RGB |
|  | 8-15 | Color 01-red |
|  | 16-23 | Color 02- amber |
|  | 24-31 | Color 03-warm yellow |
|  | 32-39 | Color 04-yellow |
|  | 40-47 | Color 05-green |
|  | 48-55 | Color 06-Turquoise |
|  | 56-63 | Color 07-cyan |
|  | 64-71 | Color 08-blue |
|  | 72-79 | Color 09-lavender |
|  | 80-87 | Color 10-malve |
|  | 88-95 | Color 11-magenta |
|  | 96-103 | Color 12-Pink |
|  | 104-111 | White-CTO (3200K) |
|  | 112-119 | White (5600K) |
|  | 120-127 | White-CTB (7200K) |
|  | 128-255 | Rainbow effect |
| 6 | 0-255 | Set 1 red, color mixing system |
| 7 | 0-255 | Set 1 green, color mixing system |
| 8 | 0-255 | Set 1 blue, color mixing system |
| 9 | 0-255 | Set 1 white, color mixing system |
| 10 | 0-255 | Set 1 intensity |
| 11 | Shutter |  |
|  | 0-9 | Shutter closed |
|  | 10-109 | Shutter pulse random, slow to fast |
|  | 110-239 | Strobe effect, slow to fast |
|  | 240-255 | Shutter closed |


| 12 | $0-255$ | intensity |
| :--- | :--- | :--- |
| 13 |  | Reset |
| 14 |  | Set 2 color :Values see channel 5 |
| 15 | $0-255$ | Set 2 red, color mixing system |
| 16 | $0-255$ | Set 2 green, color mixing system |
| 17 | $0-255$ | Set 2 blue, color mixing system |
| 18 | $0-255$ | Set 2 white, color mixing system |
| 19 | $0-255$ | Set 2 intensity |
| 20 |  | Set 3 color: values se channel 5 |
| 21 | $0-255$ | Set 3 red, color mixing system |
| 22 | $0-255$ | Set 3 green, color mixing system |
| 23 | $0-255$ | Set 3 blue, color mixing system |
| 24 | $0-255$ | Set 3 white, color mixing system |
| 25 | $0-255$ | Set 3 intensity |
| 26 | $0-255$ | Reserved |
| 27 | $0-255$ | Reserved |
| 28 | $0-255$ | Set 1 pattern select |
| 29 | $0-255$ | Set 1 pattern movement |
| 30 | $0-255$ | Set 2 pattern select |
| 31 | $0-255$ | Set 2 pattern movement, fast to slow |
| 32 | $0-255$ | Reserved |
| 33 | $0-255$ | Reserved |


| HIRES(19CH) |  |  |
| :---: | :--- | :--- |
| Channel | DMX value | Function |
| 1 |  | Reserved |
| 2 |  | Reserved |
| 3 | $0-255$ | Tilt |
| 4 | $0-255$ | Tilt fine |
| 5 | Set 1 color(fixed) |  |
|  | $0-7$ | Colors adjustable via RGB |
|  | $8-15$ | Color 01-red |


|  | 16-23 | Color 02- amber |
| :---: | :---: | :---: |
|  | 24-31 | Color 03-warm yellow |
|  | 32-39 | Color 04-yellow |
|  | 40-47 | Color 05-green |
|  | 48-55 | Color 06-Turquoise |
|  | 56-63 | Color 07-cyan |
|  | 64-71 | Color 08-blue |
|  | 72-79 | Color 09-lavender |
|  | 80-87 | Color 10-malve |
|  | 88-95 | Color 11-magenta |
|  | 96-103 | Color 12-Pink |
|  | 104-111 | White-CTO (3200K) |
|  | 112-119 | White (5600K) |
|  | 120-127 | White-CTB (7200K) |
|  | 128-255 | Rainbow effect |
| 6 | 0-255 | Set 1 red, color mixing system |
| 7 | 0-255 | Set 1 green, color mixing system |
| 8 | 0-255 | Set 1 blue, color mixing system |
| 9 | 0-255 | Set 1 white, color mixing system |
| 10 | Shutter |  |
|  | 0-9 | Shutter closed |
|  | 10-109 | Shutter pulse random, slow to fast |
|  | 110-239 | Strobe effect, slow to fast |
|  | 240-255 | Shutter closed |
| 11 | 0-255 | Intensity |
| 12 | 0-7 | Reserved |
|  | 8-255 | Reserved |
| 13 |  | Reset |
| 14 | 0-255 | Crossfade, $0-2$ seconds transition time |
| 15 | 0-255 | Set 1 pattern movement |
| 16 | 0-255 | Zoom, wide(flood)-Narrow(spot) |
| 17 | 0-255 | Set 1 pattern select |


| 18 | $0-255$ | Reserved |
| :--- | :--- | :--- |
| 19 | $0-255$ | Reserved |


| DPIX(34CH) |  |  |
| :---: | :---: | :---: |
| Channel | DMX value | Function |
| 1 | 0-255 | Tilt |
| 2 | 0-255 | Tilt fine |
| 3 | 0-255 | Zoom,wide(flood)-Narrow(spot) |
| 4 | 0-7 | Reserved |
|  | 8-255 | Reserved |
| 5 | Set 1 color(fixed) |  |
|  | 0-7 | Colors adjustable via RGB |
|  | 8-15 | Color 01-red |
|  | 16-23 | Color 02- amber |
|  | 24-31 | Color 03-warm yellow |
|  | 32-39 | Color 04-yellow |
|  | 40-47 | Color 05-green |
|  | 48-55 | Color 06-Turquoise |
|  | 56-63 | Color 07-cyan |
|  | 64-71 | Color 08-blue |
|  | 72-79 | Color 09-lavender |
|  | 80-87 | Color 10-malve |
|  | 88-95 | Color 11-magenta |
|  | 96-103 | Color 12-Pink |
|  | 104-111 | White-CTO (3200K) |
|  | 112-119 | White (5600K) |
|  | 120-127 | White-CTB (7200K) |
|  | 128-255 | Rainbow effect |
| 6 | 0-255 | Set 1 red, color mixing system |
| 7 | 0-255 | Set 1 green, color mixing system |
| 8 | 0-255 | Set 1 blue, color mixing system |


| 9 | $0-255$ | Set 1 white, color mixing system |
| :---: | :--- | :--- |
| 10 | $0-255$ | Set 1 intensity |
| 11 | Shutter |  |
|  | $0-9$ | Shutter closed |
|  | $10-109$ | Shutter pulse random, slow to fast |
|  | $110-239$ | Strobe effect, slow to fast |
|  | $240-255$ | Shutter closed |
| 12 | $0-255$ | Intensity |
| 13 | $0-255$ | Reserved |
| 14 |  | Reset |
| 15 |  | Set 2 color :Values see channel 5 |
| 16 | $0-255$ | Set 2 red, color mixing system |
| 17 | $0-255$ | Set 2 green, color mixing system |
| 18 | $0-255$ | Set 2 blue, color mixing system |
| 19 | $0-255$ | Set 2 white, color mixing system |
| 21 | $0-255$ | Set 2 intensity |
| 21 |  | Set 3 color: values se channel 5 |
| 22 | $0-255$ | Set 3 red, color mixing system |
| 23 | $0-255$ | Set 3 green, color mixing system |
| 24 | $0-255$ | Set 3 blue, color mixing system |
| 25 | $0-255$ | Set 3 white, color mixing system |
| 26 | $0-255$ | Set 3 intensity |
| 27 | $0-255$ | Reserved |
| 28 | $0-255$ | Reserved |
| 29 | $0-255$ | Set 1 pattern select |
| 30 | $0-255$ | Set 1 pattern movement |
| 31 | $0-255$ | Set 2 pattern select |
| 32 | $0-255$ | Set 2 pattern movement |
| 33 | $0-255$ | Reserved |
| 34 | $0-255$ | Reserved |
|  |  |  |

## DPIXH(28CH)

[^0]| 1 | $0-255$ | Tilt |
| :---: | :--- | :--- |
| 2 | $0-255$ | Tilt fine |
|  | Shutter |  |
|  | $0-9$ | Shutter closed |
|  | $10-109$ | Shutter pulse random, slow to fast |
|  | $110-239$ | Strobe effect, slow to fast |
|  | $240-255$ | Shutter closed |
| 4 | $0-255$ | Intensity |
| 5 | $0-7$ | Reserved |
|  | $8-255$ | Reserved |
| 6 |  | Reset |
| 7 | $0-255$ | Reserved |
| 8 | $0-255$ | Zoom, wide(flood)-Narrow(spot) |
| 9 | $0-255$ | Set $1 \& 2$ red, color mixing system |
| 10 | $0-255$ | Set $1 \& 2$ green, color mixing system |
| 11 | $0-255$ | Set $1 \& 2$ blue, color mixing system |
| 12 | $0-255$ | Set $1 \& 2$ white, color mixing system |
| 13 | $0-255$ | Set $3 \& 4$ red, color mixing system |
| 14 | $0-255$ | Set $3 \& 4$ green, color mixing system |
| 15 | $0-255$ | Set 3\&4 blue, color mixing system |
| 16 | $0-255$ | Set $3 \& 4$ white, color mixing system |
| 17 | $0-255$ | Set $5 \& 6$ red, color mixing system |
| 18 | $0-255$ | Set $5 \& 6$ green, color mixing system |
| 19 | $0-255$ | Set $5 \& 6$ blue, color mixing system |
| 20 | $0-255$ | Set $5 \& 6$ white, color mixing system |
| 21 | $0-255$ | Set $7 \& 8$ blue, color mixing system |
| 22 | $0-255$ | Set $7 \& 8$ red, color mixing system |
| 23 | $0-255$ | Set $7 \& 8$ green, color mixing system |
| 24 | $0-255$ | Set $7 \& 8$ blue, color mixing system |
| 25 | $0-255$ | Set $9 \& 10$ white, color mixing system |
| 26 | $0-255$ | Set $9 \& 10$ red, color mixing system |
| 27 | $0-255$ | Set $9 \& 10$ green, color mixing system |


| 28 | $0-255$ | Set $9 \& 10$ blue, color mixing system |
| :--- | :--- | :--- |

## SPIX(29CH)

| Channel | DMX value | Function |
| :---: | :---: | :---: |
| 1 | 0-255 | Tilt |
| 2 | 0-255 | Tilt fine |
| 3 | Shutter |  |
|  | 0-9 | Shutter closed |
|  | 10-109 | Shutter pulse random, slow to fast |
|  | 110-239 | Strobe effect, slow to fast |
|  | 240-255 | Shutter closed |
| 4 | 0-255 | Intensity |
| 5 | 0-255 | Reserved |
| 6 | 0-7 | Reserved |
|  | 8-255 | Reserved |
| 7 |  | Reset |
| 8 | 0-255 | Reserved |
| 9 | 0-255 | Zoom,wide(flood)-Narrow(spot) |
| 10 | 0-255 | Set 1\&2 red, color mixing system |
| 11 | 0-255 | Set 1\&2 green, color mixing system |
| 12 | 0-255 | Set 1\&2 blue, color mixing system |
| 13 | 0-255 | Set 1\&2 white, color mixing system |
| 14 | 0-255 | Set 3\&4 red, color mixing system |
| 15 | 0-255 | Set $3 \& 4$ green, color mixing system |
| 16 | 0-255 | Set 3\&4 blue, color mixing system |
| 17 | 0-255 | Set 3\&4 white, color mixing system |
| 18 | 0-255 | Set 5\&6 red, color mixing system |
| 19 | 0-255 | Set 5\&6 green, color mixing system |
| 20 | 0-255 | Set 5\&6 blue, color mixing system |
| 21 | 0-255 | Set 5\&6white, color mixing system |


| 22 | $0-255$ | Set $7 \& 8$ blue, color mixing system |
| :--- | :--- | :--- |
| 23 | $0-255$ | Set $7 \& 8$ red, color mixing system |
| 24 | $0-255$ | Set $7 \& 8$ green, color mixing system |
| 25 | $0-255$ | Set $7 \& 8$ blue, color mixing system |
| 26 | $0-255$ | Set $9 \& 10$ white, color mixing system |
| 27 | $0-255$ | Set $9 \& 10$ red, color mixing system |
| 28 | $0-255$ | Set $9 \& 10$ green, color mixing system |
| 29 | $0-255$ | Set $9 \& 10$ blue, color mixing system |


| SPIXH(48CH) |  |  |
| :---: | :--- | :--- |
| Channel | DMX value | Function |
| 1 | $0-255$ | Tilt |
| 2 | $0-255$ | Tilt fine |
| 3 | Shutter |  |
|  | $0-9$ | Shutter closed |
|  | $10-109$ | Shutter pulse random, slow to fast |
|  | $110-239$ | Strobe effect, slow to fast |
|  | $240-255$ | Shutter closed |
| 4 | $0-255$ | Intensity |
| 5 | $0-7$ | Reserved |
|  | $8-255$ | Reserved |
| 6 |  | Reset |
| 7 | $0-255$ | Reserved |
| 8 | $0-255$ | Zoom, wide(flood)-Narrow(spot) |
| 9 | $0-255$ | Set 1 red, color mixing system |
| 10 | $0-255$ | Set 1 green, color mixing system |
| 11 | $0-255$ | Set 1 blue, color mixing system |
| 12 | $0-255$ | Set 1 white, color mixing system |
| 13 | $0-255$ | Set 2 red, color mixing system |


| 14 | $0-255$ | Set 2 green, color mixing system |
| :--- | :--- | :--- |
| 15 | $0-255$ | Set 2 blue, color mixing system |
| 16 | $0-255$ | Set 2 white, color mixing system |
| 17 | $0-255$ | Set 3 red, color mixing system |
| 18 | $0-255$ | Set 3 green, color mixing system |
| 19 | $0-255$ | Set 3 blue, color mixing system |
| 20 | $0-255$ | Set 3 white, color mixing system |
| 21 | $0-255$ | Set 4 red, color mixing system |
| 22 | $0-255$ | Set 4 green, color mixing system |
| 23 | $0-255$ | Set 4 blue, color mixing system |
| 24 | $0-255$ | Set 4 white, color mixing system |
| 25 | $0-255$ | Set 5 red, color mixing system |
| 26 | $0-255$ | Set 5 green, color mixing system |
| 27 | $0-255$ | Set 5 blue, color mixing system |
| 28 | $0-255$ | Set 5 white, color mixing system |
| 29 | $0-255$ | Set 6 red, color mixing system |
| 30 | $0-255$ | Set 6 green, color mixing system |
| 31 | $0-255$ | Set 6 blue, color mixing system |
| 32 | $0-255$ | Set 6 white, color mixing system |
| 33 | $0-255$ | Set 7 red, color mixing system |
| 34 | $0-255$ | Set 7 green, color mixing system |
| 35 | $0-255$ | Set 7 blue, color mixing system |
| 36 | $0-255$ | Set 7 white, color mixing system |
| 37 | $0-255$ | Set 8 red, color mixing system |
| 38 | $0-255$ | Set 8 green, color mixing system |
| 39 | $0-255$ | Set 8 blue, color mixing system |
| 40 | $0-255$ | Set 8 white, color mixing system |
| 41 | $0-255$ | Set $9 r e d$, color mixing system |
| 42 | $0-255$ | Set 9 green, color mixing system |
| 43 | $0-255$ | Set 9 blue, color mixing system |
| 44 | $0-255$ | Set 9 white, color mixing system |
| 45 | $0-255$ | Set 10 red, color mixing system |
| 46 | $0-255$ | Set 10 green, color mixing system |
|  |  |  |


| 47 | $0-255$ | Set 10 blue, color mixing system |
| :--- | :--- | :--- |
| 48 | $0-255$ | Set 10 white, color mixing system |


| NORM(49CH) |  |  |
| :---: | :--- | :--- |
| Channel | DMX value | Function |
| 1 | $0-255$ | Tilt |
| 2 | $0-255$ | Tilt fine |
| 3 | Shutter |  |
|  | $0-9$ | Shutter closed |
|  | $10-109$ | Shutter pulse random, slow to fast |
|  | $110-239$ | Strobe effect, slow to fast |
|  | $240-255$ | Shutter closed |
| 4 | $0-255$ | Intensity |
| 5 | $0-255$ | Reserved |
| 6 | $0-7$ | Reserved |
|  | $8-255$ | Reserved |
| 7 |  | Rset |
| 8 | $0-255$ | Reserved |
| 9 | $0-255$ | Zoom, wide(flood)-Narrow(spot) |
| 10 | $0-255$ | Set 1 red, color mixing system |
| 11 | $0-255$ | Set 1 green, color mixing system |
| 12 | $0-255$ | Set 1 blue, color mixing system |
| 13 | $0-255$ | Set 1 white, color mixing system |
| 14 | $0-255$ | Set 2 red, color mixing system |
| 15 | $0-255$ | Set 2 green, color mixing system |
| 16 | $0-255$ | Set 2 blue, color mixing system |
| 17 | $0-255$ | Set 2 white, color mixing system |
| 18 | $0-255$ | Set 3 red, color mixing system |
| 19 | $0-255$ | Set 3 green, color mixing system |
|  |  |  |


| 20 | $0-255$ | Set 3 blue, color mixing system |
| :--- | :--- | :--- |
| 21 | $0-255$ | Set 3 white, color mixing system |
| 22 | $0-255$ | Set 4 red, color mixing system |
| 23 | $0-255$ | Set 4 green, color mixing system |
| 24 | $0-255$ | Set 4 blue, color mixing system |
| 25 | $0-255$ | Set 4 white, color mixing system |
| 26 | $0-255$ | Set 5 red, color mixing system |
| 27 | $0-255$ | Set 5 green, color mixing system |
| 28 | $0-255$ | Set 5 blue, color mixing system |
| 29 | $0-255$ | Set 5 white, color mixing system |
| 30 | $0-255$ | Set 6 red, color mixing system |
| 31 | $0-255$ | Set 6 green, color mixing system |
| 32 | $0-255$ | Set 6 blue, color mixing system |
| 33 | $0-255$ | Set 6 white, color mixing system |
| 34 | $0-255$ | Set 7 red, color mixing system |
| 35 | $0-255$ | Set 7 green, color mixing system |
| 36 | $0-255$ | Set 7 blue, color mixing system |
| 37 | $0-255$ | Set 7 white, color mixing system |
| 38 | $0-255$ | Set 8 red, color mixing system |
| 39 | $0-255$ | Set 8 green, color mixing system |
| 40 | $0-255$ | Set 8 blue, color mixing system |
| 41 | $0-255$ | Set 8 white, color mixing system |
| 42 | $0-255$ | Set 9 red, color mixing system |
| 43 | $0-255$ | Set 9 green, color mixing system |
| 44 | $0-255$ | Set 9 blue, color mixing system |
| 45 | $0-255$ | Set 9 white, color mixing system |
| 46 | $0-255$ | Set 10 red, color mixing system |
| 47 | $0-255$ | Set 10 green, color mixing system |
| 48 | $0-255$ | Set 10 blue, color mixing system |
| 49 | $0-255$ | Set 10 white, color mixing system |
|  |  |  |

## Configuration(Standalone)

Set the product in one of the standalone modes to control without a DMX controller. Connect the product to power

(i)Never connect a product that is operating in any standalone mode (either Automatic or Sound-Active) to a DMX string connected to a DMX controller. Products in standalone mode may transmit DMX signals that could interfere with the DMX signals from the controller

## Sound-Active Mode

To enable the Sound-Active mode, do the following.

1. Press <MENU>.
2. Use <UP> or <DOWN> to choose Run Mode.
3. Press <ENTER>.
4. Use <UP> or <DOWN> to select Sound.
5. Press <ENTER>.

## Automatic Mode

To enable the Automatic mode, follow the instructions below:

1. Press <MENU>.
2. Use <UP> or <DOWN> to choose Run Mode.
3. Press <ENTER>.
4. Use <UP> or <DOWN> to select Auto.

Press <ENTER>

## Manual Mode

To test or control any function of the LED Bar through the LCD display menu, follow the instructions below:

1. Press <MENU>.
2. Use <UP> or <DOWN> to choose Run Mode.
3. Press <ENTER>.
4. Use <UP> or <DOWN> to select Manual.
5. Press <ENTER>.
6. Use <UP> or <DOWN> to select the function to test or control, from the options:

Zoom, Tilt, Fuction, Dimmer, Strobe, Macro, Red, Green, Blue, White, Chase, and Chase Speed.

## 7. Press <ENTER>.

8. Use <UP> or <DOWN> to change the value of the selected function, from 000-255. NOTE: For information regarding what each value range does for each function, see the DMX Assignments for Channel Mode.

## Screen Reverse

The user can flip the LED display for easy readability in any mounting stuation.
To select the display orientation:

1. Press <MENU>.
2. Use <UP> or <DOWN $>$ to choose Setup.
3. Press <ENTER>.
4. Use <UP> or <DOWN> to select Screen Reverse.
5. Press <ENTER>.
6. Use <UP> or <DOWN> to select ON or OFF.

Press <ENTER>

## Reset

The Reset option will restart the product, but does not change any settings. To restart the LED Bar to factory defaults, follow the instructions below:

1. Press <MENU>.
2. Use <UP> or <DOWN> to choose Setup.
3. Press <ENTER>.
4. Use <UP> or <DOWN> to choose Reset.

Press <ENTER>

## Master/Slave Mode

The Master/Slave mode allows a single LED Bar (the master) to control the actions of one or more 200W LED spot products (the slaves) without the need of a DMX controller. The master will be set to operate in either Automatic or Sound-Active mode, while the slaves will be set to operate in Slave mode. Once set and connected, the slaves will operate in unison with the master.
Configure the products as indicated below.
Slaves:

1. Press <MENU>.
2. Use <UP> or <DOWN> to choose Run Mode.
3. Press <ENTER>.
4. Use <UP> or <DOWN> to select Slave.
5. Press <ENTER>.
6. Use <UP> or <DOWN> to select Slave1, Slave2, Slave3, or Slave4.

- Select Slave1 for 100\% synchronized actions.
. Select Slave2, Slave3, or Slave4 for a delayed show with all heads in the same direction but with a delay creating a wave effect.

7. Press <ENTER>.
8. Connect the DMX input of the first slave product to the DMX output of the master.
9. Connect the DMX input of the subsequent slaves to the DMX output of the previous slave.
10. Finish setting and connecting all the slaves.

## Master:

1. Set the master to operate in either Automatic or Sound-Active mode.
2. Make the master the first product in the DMX daisy chain.

## 2 TECHNOLOGY REFERENCE

- Input Voltage: AC100-240V 50/60Hz
- Power: 300W
- Light Source: 10 LED (white) 30 W, 50,000 hours life expectancy
- Zoom Angle: 3~60
- Shutter: Max 10 Hz electronically
- DMX Channels: COMP/HIRES/DPIX/DPIXH/SPIX/SPIXH/NORM (33CH/ $19 \mathrm{CH} / 34 \mathrm{CH} / 28 \mathrm{CH} / 29 \mathrm{CH} / 48 \mathrm{CH} / 49 \mathrm{CH}$ )
- Control mode : DMX 512, master-slave , sound , Auto, Pixel mapping
- Dimmer: 0-100\% electronic
- Display : Colorful LCD display
- Cooling : Efficient low noise fan cooling system
- Power connector : PowerCON IN/ OUT
- DMX connector : 3-pin XLR connectors IN/OUT
- Dimension: 50*15*34CM
- N.W.: 9.5KG


## Warranty Card



| End User |
| :--- |
| Company Name: |
| Add: |


| Sale Store |  |
| :--- | :--- |
| Link man: |  |
| Tel: | Stamp |

Description: These must be truthfully fill, seal by the end-user and point-of-sale, or else the warranty will not work (warranty period and terms, see the following)
warranty period: one year since purchase warranty terms: 1, If fail when using the product in normal state, you can made under the provisions of the warranty, show the warranty card and purchase bills(copy), and enjoy free maintenance service in a specific service center or the manufacturer.
2. The following will be the implementation of paid service:
(1)Without the effective warranty card
(2)There's blank, alter and no point-of-sale name
(3)Fail caused by unresistance
(4)Fail caused by transportation or unloading
(5)Fail caused by not operate by manual
(6)Fail caused by disassemble without unauthorized
(7)Fail caused by using the unauthorized control system

## Note:

Based on our company continue to improve the product, the statement containing data may have changed, and will not notice the change any more. Company retains its right to change specifications related when product is improved. Thanks for your understanding


[^0]:    | Channel | DMX value | Function |
    | :--- | :--- | :--- |

