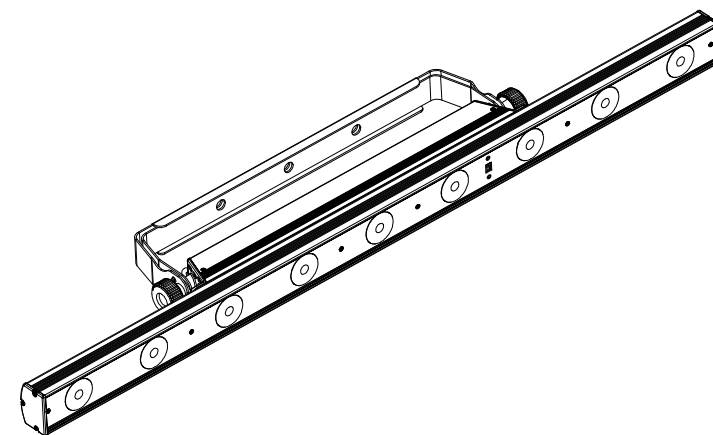


## LITEBAR H9

Hex-color RGBAW+UV LED strip light

**NITEC**  
powered by EK



## TABLE OF CONTENTS

### SAFETY / GENERAL INSTRUCTIONS

#### INTRODUCTION

- Features
- Specifications

#### OVERVIEW : CONNECTIONS

- Rear view

#### DIMENSIONS

#### INSTALLATION

- Mounting

#### FUNCTIONS AND SETTINGS

- Function menu
- Menu structure
  - Auto Show
  - Static Color
  - Manual Color
  - Linking (Master / Slave)
  - DMX Configuration
  - Sound Mode

#### DMX FUNCTION CHART

- 6-channel mode
- 9-channel mode
- 11-channel mode
- 18-channel mode
- 23-channel mode

#### UFI OPERATION

#### INFRARED (IR6) REMOTE CONTROL OPERATION

#### MASTER/SLAVE OPERATION (via UFI wi-fi)

#### OPERATING MODE PRIORITY RANK

#### MAINTENANCE / TROUBLESHOOTING

### PACKING CONTENT

- LITEBAR H9
- Power cable
- L Brackets (2)
- User Manual
- Warranty Card

## MAINTENANCE

### MAINTENANCE AND CLEANING THE UNIT

- Make sure the area below the installation place is free from unwanted persons during setup.
- Switch off the unit, unplug the main cable and wait until the unit has cooled down.
- All screws used for installing the device and any of its parts should be tightly fastened and should not be corroded.
- Housings, fixations and installation spots (ceiling, trusses, suspensions) should be totally free from any deformation.
- The main cables must be in impeccable condition and should be replaced immediately even when a small problem is detected.
- It is recommended to clean the front at regular intervals, from impurities caused by dust, smoke, or other particles to ensure that the light is radiated at maximum brightness. For cleaning, disconnect the main plug from the socket. Use a soft, clean cloth moistened with a mild detergent. Then carefully wipe the part dry. For cleaning other housing parts use only a soft, clean cloth. Never use a liquid, it might penetrate the unit and cause damage to it.

### FUSE REPLACEMENT

1. Disconnect this product from the power outlet.
2. Remove the safety cap by a screwdriver.
3. Replace the blown fuse with a fuse of the exact same type and rating (T2A,250V).
4. Install the safety cap, and reconnect power.

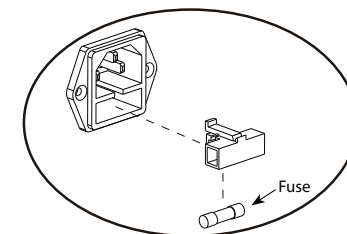


Fig.13

### TROUBLESHOOTING

| Problems                        | Possible causes   | Checks and remedies   |
|---------------------------------|---|---|
| Fixture does not light up       | <ul style="list-style-type: none"> <li>• No mains supply</li> <li>• Dimmer fader set to 0</li> <li>• All color faders set to 0</li> <li>• Faulty LED</li> <li>• Faulty LED board</li> </ul> | <ul style="list-style-type: none"> <li>• Check the power supply voltage</li> <li>• Increase the value of the dimmer channels</li> <li>• Increase the value of the color channels</li> <li>• Replace the LED board</li> <li>• Replace the LED board</li> </ul> |
| General low light intensity     | <ul style="list-style-type: none"> <li>• Dirty lens assembly</li> <li>• Misaligned lens assembly</li> </ul>   | <ul style="list-style-type: none"> <li>• Clean the fixture regularly</li> <li>• Install lens assembly properly</li> </ul>   |
| Fixture does not power up       | <ul style="list-style-type: none"> <li>• No power</li> <li>• Loose or damaged power cord</li> <li>• Faulty internal power supply</li> </ul>   | <ul style="list-style-type: none"> <li>• Check for power on power outlet</li> <li>• Check power cord</li> <li>• Replace internal power supply</li> </ul>  |
| Fixture does not respond to DMX | <ul style="list-style-type: none"> <li>• Wrong DMX addressing</li> <li>• Damaged DMX cables</li> <li>• Bouncing signals</li> </ul>  | <ul style="list-style-type: none"> <li>• Check control panel and unit addressing</li> <li>• Check DMX cables</li> <li>• Install terminator as suggested</li> </ul>  |

Contact an authorized service center in case of technical problems or not reported in the table can not be resolved by the procedure given in the table.




**WARNING!** Before carrying out any operations with the unit, carefully read this instruction manual and keep it with care for future reference. It contains important information about the installation, usage and maintenance of the unit.



## SAFETY

### General instruction

- The products referred to in this manual conform to the European Community Directives and are therefore marked with **CE**.
- The unit is supplied with hazardous network voltage (230V~). Leave servicing to skilled personnel only. Never make any modifications on the unit not described in this instruction manual, otherwise you will risk an electric shock.
- Connection must be made to a power supply system fitted with efficient earthing (Class I appliance according to standard EN 60598-1). It is, moreover, recommended to protect the supply lines of the units from indirect contact and/or shorting to earth by using appropriately sized residual current devices.
- The connection to the main network of electric distribution must be carried out by a qualified electrical installer. Check that the main frequency and voltage correspond to those for which the unit is designed as given on the electrical data label.
- This unit is not for home use, only professional applications.
- Never use the fixture under the following conditions:
  - in places subject to vibrations or bumps;
  - in places with a temperature of over 45 °C.
- Make certain that no inflammable liquids, water or metal objects enter the fixture.
- Do not dismantle or modify the fixture.
- All work must always be carried out by qualified technical personnel. Contact the nearest sales point for an inspection or contact the manufacturer directly.
- If the unit is to be put out of operation definitively, take it to a local recycling plant for a disposal which is not harmful to the environment. 

### Warnings and installation precautions

- If this device will be operated in any way different to the one described in this manual, it may suffer damage and the guarantee becomes void. Furthermore, any other operation may lead to dangers like short circuit, burns, electric shock, etc.
- Before starting any maintenance work or cleaning the projector, cut off power from the main supply.
- Always additionally secure the projector with the safety rope. When carrying out any work, always comply scrupulously with all the regulations (particularly regarding safety) currently in force in the country in which the fixture's being used.
- Install the fixture in a well ventilated place.
- Keep any inflammable material at a safe distance from the fixture.
- Shields, lenses or ultraviolet screens shall be changed if they have become damaged to such an extent that their effectiveness is impaired.
- The lamp (LED) shall be changed if it has become damaged or thermally deformed.
- Never look directly at the light beam. Please note that fast changes in lighting, e. g. flashing light, may trigger epileptic seizures in photosensitive persons or persons with epilepsy.
- Do not touch the product's housing when operating because it may be very hot.

## INTRODUCTION

The LITEBAR H9 is a hex-color RGBAW+UV LED strip light.

### FEATURES

- 9 x 10W RGBAW+UV LEDs create chase and blinder effects or saturated color washes
- 3 independently controllable segments (3 pixels per segment)
- Silent operation
- High frequency LED modulation for flicker-free video
- Manual color selection and mixing via display menu
- Master/Slave, Auto shows, Sound-Active & Manual operating modes
- Optional IR6 infrared remote control available
- UFI port for optional wireless Master/Slave or DMX control
- DMX control

### SPECIFICATIONS

|                        |   |
|------------------------|---|
| Light Source:          | 9 x 10W RGBAW+UV LED  |
| Beam Angle:            | 29°   |
| Field Angle:           | 48°   |
| Colors:                | RGBAW+UV color mixing   |
| Zones:                 | 3 independent segments  |
| Output:                | 2,254 lux @ 2 meters  |
| Strobe:                | 0 - 30 Hz   |
| Dimming:               | 0-100% dimming  |
| Control modes:         | DMX, Auto Shows, Sound-Active, Manual<br>optional Infrared or UFI |
| Channel modes:         | 6 / 9 / 11 / 18 / 23  |
| Built-in Programs:     | Yes   |
| Menu:                  | 4-digit LED display   |
| Mains:                 | 100 - 240 VAC, 50/60 Hz   |
| Power:                 | 77W   |
| Power connections:     | IEC Power In / Out  |
| Power linking:         | Up to 7 units @ 120V; up to 13 units @ 230V                       |
| Data connections:      | 3-pin XLR In/Out for DMX  |
| Housing:               | Aluminum  |
| Finish:                | Matte Black   |
| IP rating:             | IP20  |
| Cooling:               | Passive   |
| Operating Temperature: | -30°C to 45°C   |
| Dimensions:            | 1000 x 56 x 168 mm  |
| Weight:                | 3.2 KG  |

## MASTER/SLAVE OPERATION (via UFI wi-fi transceiver)

LITEBAR H9 units can operate in Master/Slave mode wirelessly using the optional UFI wi-fi transceiver. The master UFI-enabled unit can be operated in stand-alone mode, with the UFI set to transmit. The slave units should all be set to slave mode, with the UFI set to receive.

- Note: Slave units should be configured before configuring master unit  
 Note: All units should be set to same DMX address, mode and UFI channel

Setup as below:

### SLAVE UNITS:

Press MENU button until **6-CH, 9-CH, 11-CH, 18-CH or 23-CH** is displayed  
 Press ENTER  
 Set DMX address to **d 1**  
 Set UFI to preferred receiving channel (1-16)  
 Attach UFI to the LITEBAR's USB port

### MASTER UNIT:

Press MENU button until DMX mode is displayed that matches slave configuration  
 Press ENTER  
 Set DMX address to **d 1**  
 Set to Auto or Sound-Active mode (or control with the IR6 infrared remote)  
 Set UFI to chosen transmitting channel (1-16)  
 Attach UFI to the LITEBAR's USB port

## OPERATING MODE PRIORITY RANK

Higher priority control modes override lower priority modes

1. UFI
2. DMX (wired)
3. Infrared (IR6 remote)
4. Manual (onboard menu)

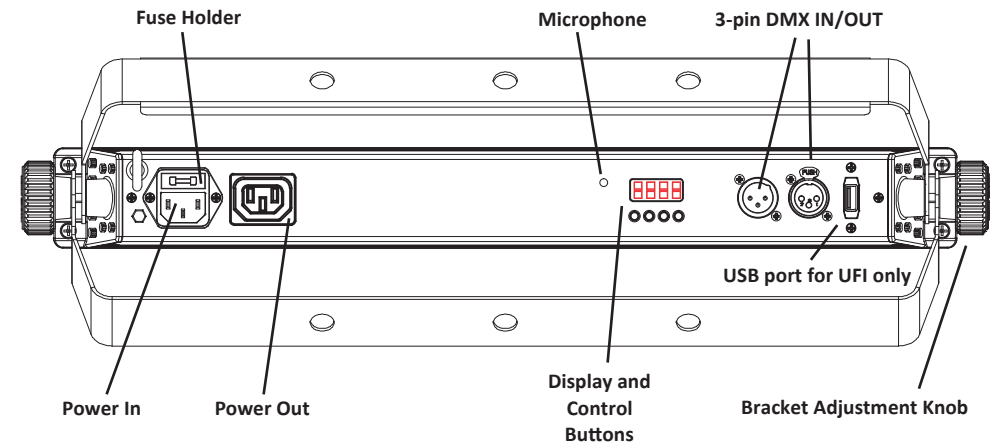
## UFI OPERATION

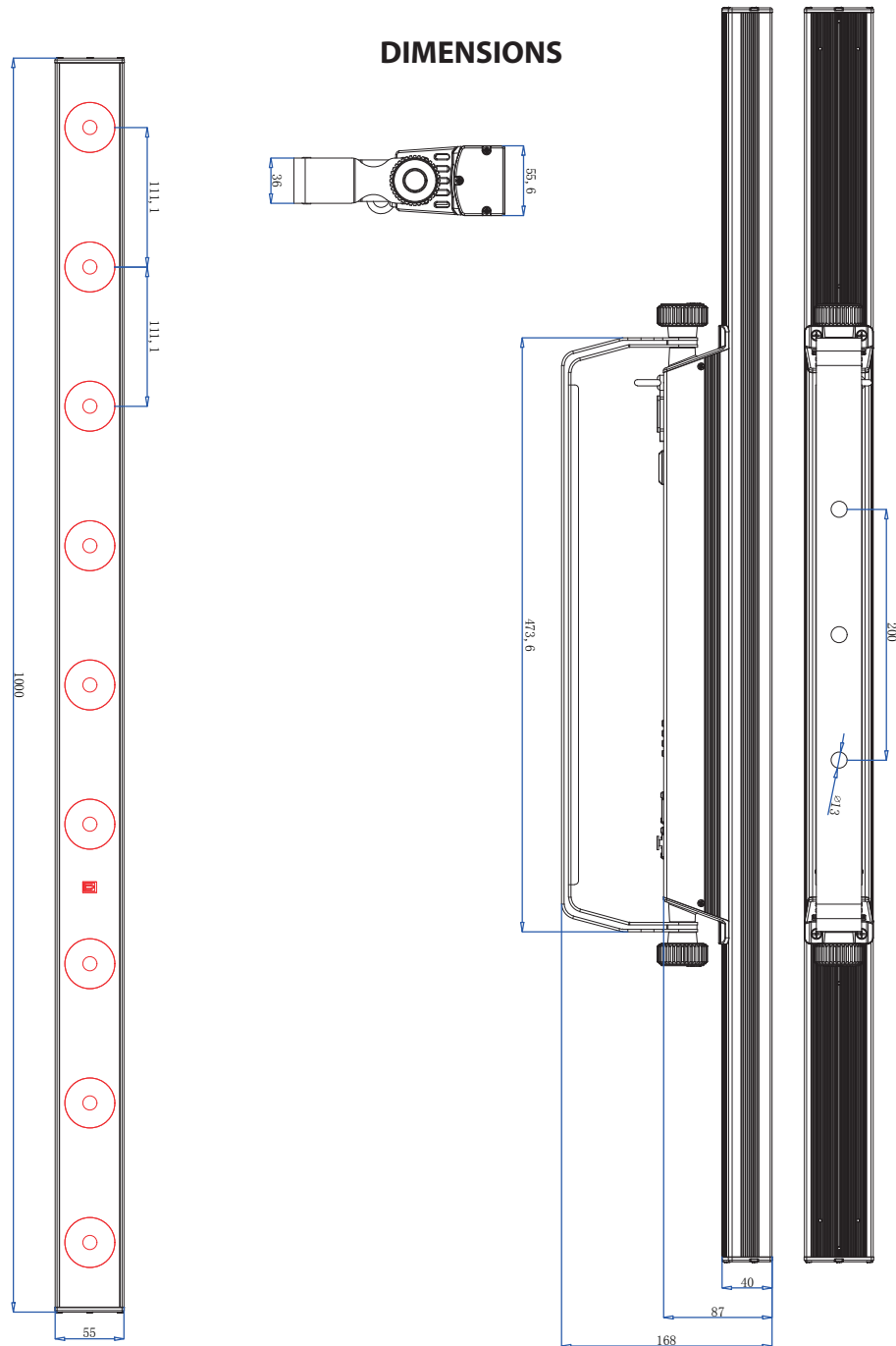
To enable wireless DMX operation via the optional UFI wi-fi transceiver:

- 1) Set the LITEBAR H9 starting DMX address
- 2) Set the UFI sending/receiving channel
- 3) Attach the UFI to the LITEBAR H9 USB port
- 4) Use Dipswitch 5 to select UFI send or receive mode.



## OVERVIEW





## INFRARED (IR6) REMOTE CONTROL OPERATION

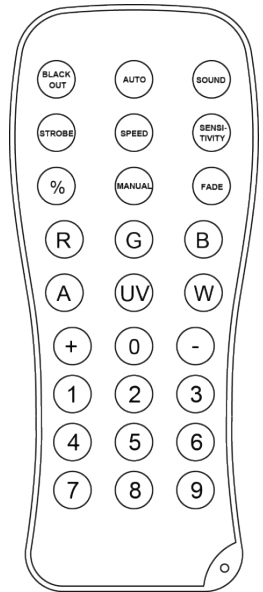
The IR6 infrared controller enables remote control of the LITEBAR H9.

To pair the IR6 to the LITEBAR H9, follow these steps:

1. Press MENU button until **SEr** is displayed
2. Press ENTER
3. Press UP or DOWN to turn infrared operation ON or OFF
4. Press ENTER

### IR6 BUTTON FUNCTIONS

|                    |  |
|--------------------|--|
| <b>AUTO</b>        | : Run auto programs  |
| + / -              | : Select auto programs   |
| <b>FADE</b>        | : Only for auto program P14 -- sets fade time  |
| <b>SPEED</b>       | : Enable speed adjustment of auto programs   |
| + / -              | : Increase / decrease speed of auto programs   |
| <b>SOUND</b>       | : Activate sound-active mode   |
| <b>SENSITIVITY</b> | : Enable sound sensitivity adjustment  |
| + / -              | : Increase / decrease sound sensitivity  |
| <b>MANUAL</b>      | : Enable static color selection  |
| <b>0-9</b>         | : Select static colors   |
| <b>R</b>           | : Select red for color mixing using +/- to adjust output level   |
| <b>G</b>           | : Select green for color mixing using +/- to adjust output level   |
| <b>B</b>           | : Select blue for color mixing using +/- to adjust output level  |
| <b>A</b>           | : Select amber for color mixing using +/- to adjust output level   |
| <b>W</b>           | : Select white for color mixing using +/- to adjust output level   |
| <b>UV</b>          | : Select UV for color mixing using +/- to adjust output level  |
| + / -              | : Increase / decrease output of each color   |
| %                  | : Enable adjustment of total light output level  |
| + / -              | : Increase / decrease total light output   |
| <b>STROBE</b>      | : Enable adjustment of strobe rate   |
| + / -              | : Increase / decrease strobe rate  |
| <b>STROBE</b>      | : Press again to turn off strobe   |
| <b>BLACKOUT</b>    | : Turn off all light output  |
| <b>BLACKOUT</b>    | : Press again to exit blackout mode  |
| <b>Note:</b>       | : If IR6 remote is not responding, press BLACKOUT to confirm that blackout mode was not mistakenly activated |



## DMX FUNCTION TABLES

## 23-Channel Mode

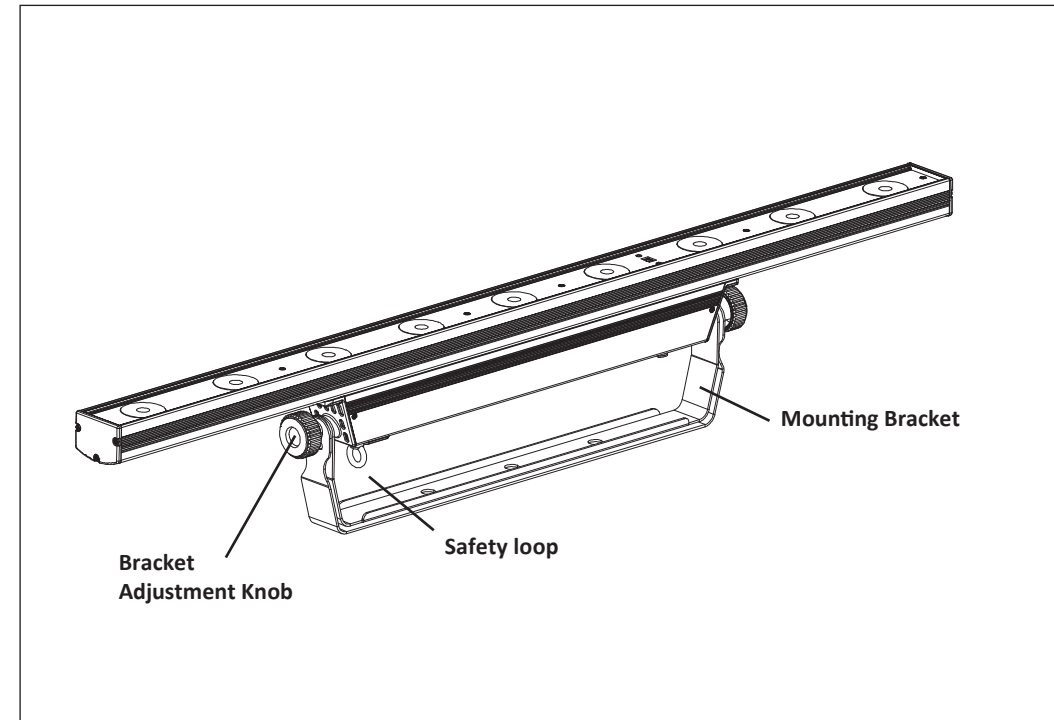
|        |   |   |  |                        |
|--------|---|---|--|------------------------|
| 1 ~ 18 | Same as 18-channel mode                             |   |  |                        |
| 19     | <b>Color Macros</b><br>(Overrides Ch. 1 –18)        | 000 --- 014   | No function                                |                        |
|        |   | 015 --- 255   | Color macros                               |                        |
| 20     | <b>Strobe</b><br>(when CH 21 is 000–031)            | 000 --- 015   | No function                                |                        |
|        |   | 016 --- 255   | Slow to fast                               |                        |
|        | <b>Speed</b><br>(when CH 21 is 032–226)             | 000 --- 255   | Slow to fast                               |                        |
|        |   | <b>Sound Sensitivity</b><br>(when CH 21 is 227–255) | 000 --- 010                                | Off                    |
| 21     | <b>Effects/<br/>Auto Programs/<br/>Sound Active</b> | 011 --- 255   | Controls the sound sensitivity level       |                        |
|        |   | 000 --- 031   | No function                                |                        |
|        |   | 032 --- 063   | Pulse effect 0 –100%                       | CH1~ 18 must be active |
|        |   | 064 --- 095   | Pulse effect 100% –0%                      |                        |
|        |   | 096 --- 114   | Pulse effect 100% –0–100%                  |                        |
|        |   | 115 --- 122   | Auto program 2                             |                        |
|        |   | 123 --- 130   | Auto program 3                             |                        |
|        |   | 131 --- 138   | Auto program 4                             |                        |
|        |   | 139 --- 146   | Auto program 5                             |                        |
|        |   | 147 --- 154   | Auto program 6                             |                        |
|        |   | 155 --- 162   | Auto program 7                             |                        |
|        |   | 163 --- 170   | Auto program 8                             |                        |
|        |   | 171 --- 178   | Auto program 9                             |                        |
|        |   | 179 --- 186   | Auto program 10                            |                        |
|        |   | 187 --- 194   | Auto program 11                            |                        |
|        |   | 195 --- 202   | Auto program 12                            |                        |
|        |   | 203 --- 210   | Auto program 13                            |                        |
|        |   | 211 --- 218   | Auto program 14                            |                        |
|        |   | 219 --- 226   | Auto program 1 (cycles thru programs 2-14) |                        |
|        |   | 227 --- 255   | Sound -active mode                         |                        |
|        |   | 22  | <b>Dimmer</b>                              | 000 --- 255            |
| 23     | <b>Dimmer Speed</b>                                 | 000 --- 051   | Default dimmer speed set from menu         |                        |
|        |   | 052 --- 101   | Dimmer speed mode off                      |                        |
|        |   | 102 --- 152   | Dimmer speed mode 1 (fast speed)           |                        |
|        |   | 153 --- 203   | Dimmer speed mode 2 (medium speed)         |                        |
|        |   | 204 --- 255   | Dimmer speed mode 3 (slow speed)           |                        |

## MOUNTING

LITEBAR H9 may be set up on a solid and even surface. The unit can also be mounted upside down to a cross arm. For fixing, stable mounting clips are required. The mounting place must be of sufficient stability and be able to support a weight of 10 times of the unit's weight.

When carrying out any installation, always comply scrupulously with all the regulations (particularly regarding safety) currently in force in the country in which the fixture's being used.

- Install the projector at a suitable location by means of the mounting brackets.
- Always additionally secure the projector with the safety rope from falling down. For this purpose, fasten the safety rope at a suitable position so that the maximum fall of the projector will be 20 cm.
- Adjust the projector and use the knob to slightly release or tighten the locking mechanism of the bracket if is necessary.



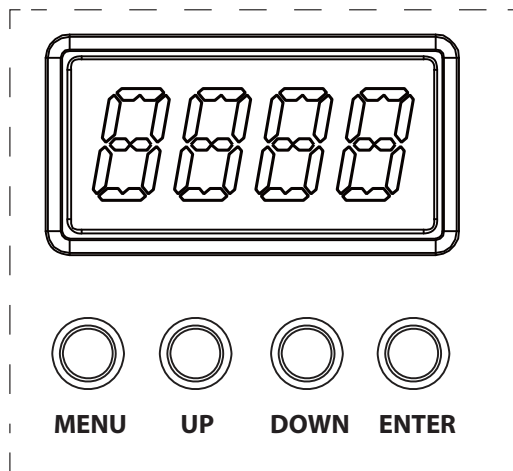
## FUNCTIONS AND SETTINGS

## OPERATION

Connect the supplied main cable to a socket (100-240 VAC-50/60 Hz). Then the unit is ready for operation and can be operated via a DMX controller or it independently performs its show program in succession. To switch off, disconnect the mains plug from the socket. For a more convenient operation it is recommended to connect the unit to a socket which can be switched on and off remotely.

## BASIC

Access control panel functions using the four panel buttons located directly underneath the LED Display.



## MENU

Used to access the menu or to return a previous menu option

## UP

Increases the numeric value when in a function

## DOWN

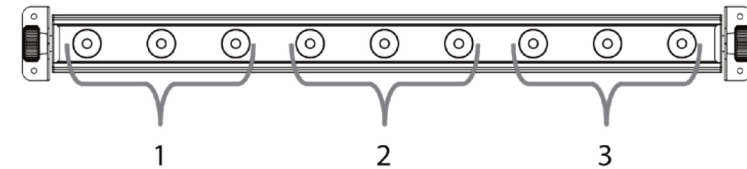
Decreases the numeric value when in a function

## ENTER

Used to select and store the current menu or confirm the current function value or option within a menu

## DMX FUNCTION TABLES

## DMX Segments (1 - 3)



## 18-Channel Mode

| Channel | Function | Value     | Setting | Segment |
|---------|----------|-----------|---------|---------|
| 1       | Red      | 000 ⇔ 255 | 0-100%  | 1       |
| 2       | Green    | 000 ⇔ 255 | 0-100%  |         |
| 3       | Blue     | 000 ⇔ 255 | 0-100%  |         |
| 4       | Amber    | 000 ⇔ 255 | 0-100%  |         |
| 5       | White    | 000 ⇔ 255 | 0-100%  |         |
| 6       | UV       | 000 ⇔ 255 | 0-100%  |         |
| 7       | Red      | 000 ⇔ 255 | 0-100%  | 2       |
| 8       | Green    | 000 ⇔ 255 | 0-100%  |         |
| 9       | Blue     | 000 ⇔ 255 | 0-100%  |         |
| 10      | Amber    | 000 ⇔ 255 | 0-100%  |         |
| 11      | White    | 000 ⇔ 255 | 0-100%  |         |
| 12      | UV       | 000 ⇔ 255 | 0-100%  |         |
| 13      | Red      | 000 ⇔ 255 | 0-100%  | 3       |
| 14      | Green    | 000 ⇔ 255 | 0-100%  |         |
| 15      | Blue     | 000 ⇔ 255 | 0-100%  |         |
| 16      | Amber    | 000 ⇔ 255 | 0-100%  |         |
| 17      | White    | 000 ⇔ 255 | 0-100%  |         |
| 18      | UV       | 000 ⇔ 255 | 0-100%  |         |



## DMX FUNCTION TABLES

## 11-Channel Mode

| Channel     | Function  | Value  | Percent/Setting                            |
|-------------|---|--|--|
| 1           | <b>Red</b>  | 000 --- 255  | 0-100%                                     |
| 2           | <b>Green</b>  | 000 --- 255  | 0-100%                                     |
| 3           | <b>Blue</b>   | 000 --- 255  | 0-100%                                     |
| 4           | <b>Amber</b>  | 000 --- 255  | 0-100%                                     |
| 5           | <b>White</b>  | 000 --- 255  | 0-100%                                     |
| 6           | <b>UV</b>   | 000 --- 255  | 0-100%                                     |
| 7           | <b>Color Macros</b><br>(Overrides Ch. 1 -6)         | 000 --- 014  | No function                                |
|             |   | 015 --- 255  | Color macros                               |
| 8           | <b>Strobe</b><br>(when CH 9 is 000-031)             | 000 --- 015  | No function                                |
|             |   | 016 --- 255  | Slow to fast                               |
|             | <b>Speed</b><br>(when CH 9 is 032-226)              | 000 --- 255  | Slow to fast                               |
|             |   | <b>Sound Sensitivity</b><br>(when CH 9 is 227-255) | 000 --- 010                                |
| 011 --- 255 | Controls the sound sensitivity level                |  |  |
| 9           | <b>Effects/<br/>Auto Programs/<br/>Sound Active</b> | 000 --- 031  | No function                                |
|             |   | 032 --- 063  | Pulse effect 0 -100%                       |
|             |   | 064 --- 095  | Pulse effect 100% -0%                      |
|             |   | 096 --- 114  | Pulse effect 100% -0-100%                  |
|             |   | 115 --- 122  | Auto program 2                             |
|             |   | 123 --- 130  | Auto program 3                             |
|             |   | 131 --- 138  | Auto program 4                             |
|             |   | 139 --- 146  | Auto program 5                             |
|             |   | 147 --- 154  | Auto program 6                             |
|             |   | 155 --- 162  | Auto program 7                             |
|             |   | 163 --- 170  | Auto program 8                             |
|             |   | 171 --- 178  | Auto program 9                             |
|             |   | 179 --- 186  | Auto program 10                            |
|             |   | 187 --- 194  | Auto program 11                            |
|             |   | 195 --- 202  | Auto program 12                            |
|             |   | 203 --- 210  | Auto program 13                            |
|             |   | 211 --- 218  | Auto program 14                            |
|             |   | 219 --- 226  | Auto program 1 (cycles thru programs 2-14) |
|             |   | 227 --- 255  | Sound -active mode                         |
| 10          | <b>Dimmer</b>                                       | 000 --- 255  | 0-100%                                     |
| 11          | <b>Dimmer Speed</b>                                 | 000 --- 051  | Default dimmer speed set from menu         |
|             |   | 052 --- 101  | Dimmer speed mode off                      |
|             |   | 102 --- 152  | Dimmer speed mode 1 (fast speed)           |
|             |   | 153 --- 203  | Dimmer speed mode 2 (medium speed)         |
|             |   | 204 --- 255  | Dimmer speed mode 3 (slow speed)           |

## MENU STRUCTURE

| Mode                       | Programming Steps | Description |
|----------------------------|-------------------|-------------|
| <b>DMX Personalities</b>   | 6-CH              | d001-d512   |
|                            | 9-CH              |             |
|                            | 11-CH             |             |
|                            | 18-CH             |             |
|                            | 23-CH             |             |
| <b>Static Colors</b>       | C--               | C1 ~ 63     |
| <b>Auto Programs</b>       | P--               | P1 ~ P14    |
| <b>Program Speed</b>       | S--               | S001-S100   |
| <b>Snd (sound-active)</b>  | Snd               |             |
| <b>SenS (sensitivity)</b>  | u000 ~ 100        |             |
| <b>Custom Color Mixing</b> | U--               | r000~255    |
|                            |                   | g000~255    |
|                            |                   | b000~255    |
|                            |                   | A000~255    |
|                            |                   | W000~255    |
|                            |                   | P000~255    |
| <b>dIM</b>                 | OFF               |             |
|                            | dIM 1             |             |
|                            | dIM 2             |             |
|                            | dIM 3             |             |
| <b>SET</b>                 | ON                |             |
|                            | OFF               |             |
| <b>TEMP</b>                | xxx               |             |

## DMX CONFIGURATION

LITEBAR H9 is equipped with different DMX configuration.

- Press the button MENU to select the desired DMX configuration (**6CH - 9CH - 11CH - 18CH - 23CH**).
- Press ENTER to choose the DMX channel mode.
- Press the button UP/DOWN to select the start address (**001 - 512**), then press the button ENTER to confirm.

## LINKING (MASTER / SLAVE)

Several units may be interconnected in order to control all further slave units to the same effect of the master unit. Use standard DMX cables to daisy chain your units together via the DMX connector on the rear of the units. For longer cable runs we suggest a terminator at the last fixture (see page 12).

1. Connect the DMX OUT of the master unit via 3-pole XLR cable to the DMX IN of the first slave unit.
2. Connect the DMX OUT of the first slave unit to the DMX IN of the second slave unit, etc. until all units are connected in a chain. Set the slave units to DMX channel 1 (**d001**) in the function menu.

## STAND-ALONE OPERATION

### PRESET COLOR MODE

Press MENU button until **C--** is displayed  
 Press ENTER  
 Press UP or DOWN to select **C1 - C63**  
 Press ENTER

### AUTO PROGRAM MODE

Press MENU button until **P--** is displayed  
 Press ENTER  
 Press UP or DOWN to select **P1 - P14**  
 Press ENTER

### SELECTING PROGRAM SPEED

Press MENU button until **S--** is displayed  
 Press ENTER  
 Press UP or DOWN to select speed  
 Press ENTER

### SOUND-ACTIVE MODE

Press MENU button until **Snd** is displayed  
 Press ENTER

### ADJUSTING SOUND SENSIVITY

Press MENU button until **Sens** is displayed  
 Press ENTER  
 Press UP or DOWN to adjust mic sensitivity  
 Press ENTER

### COLOR MIXING MODE

Press MENU button until **U--** is displayed  
 Press ENTER to scroll to each color setting for red, green, blue, amber, white and UV.  
 Press UP or DOWN to adjust output (**r---**, **g---**, **b---**, **A---**, **W---**, **P---**)

### SELECTING DIMMER CURVES

Press MENU button until **dIM** is displayed  
 Press ENTER  
 Press UP or DOWN to select dimmer curve (**OFF**, **dIM1**, **dIM2**, **dIM3**)  
 Press ENTER

### ACTIVATING INFRARED REMOTE MODE

Press MENU button until **SEr** is displayed  
 Press ENTER  
 Press UP or DOWN to select **On** or **OFF**  
 Press ENTER

## DMX FUNCTION TABLES

### 6-Channel Mode

| Channel | Function | Value     | Setting |
|---------|----------|-----------|---------|
| 1       | Red      | 000 ⇔ 255 | 0–100%  |
| 2       | Green    | 000 ⇔ 255 | 0–100%  |
| 3       | Blue     | 000 ⇔ 255 | 0–100%  |
| 4       | Amber    | 000 ⇔ 255 | 0–100%  |
| 5       | White    | 000 ⇔ 255 | 0–100%  |
| 6       | UV       | 000 ⇔ 255 | 0–100%  |

### 9-Channel Mode

| Channel | Function     | Value       | Percent/Setting                    |
|---------|--------------|-------------|------------------------------------|
| 1       | Red          | 000 --- 255 | 0–100%                             |
| 2       | Green        | 000 --- 255 | 0–100%                             |
| 3       | Blue         | 000 --- 255 | 0–100%                             |
| 4       | Amber        | 000 --- 255 | 0–100%                             |
| 5       | White        | 000 --- 255 | 0–100%                             |
| 6       | UV           | 000 --- 255 | 0–100%                             |
| 7       | Dimmer       | 000 --- 255 | 0–100%                             |
| 8       | Strobe       | 000 --- 015 | No function                        |
|         |              | 016 --- 255 | Strobe, slow to fast               |
| 9       | Dimmer Speed | 000 --- 051 | Default dimmer speed set from menu |
|         |              | 052 --- 101 | Dimmer speed mode off              |
|         |              | 102 --- 152 | Dimmer speed mode 1 (fast speed)   |
|         |              | 153 --- 203 | Dimmer speed mode 2 (medium speed) |
|         |              | 204 --- 255 | Dimmer speed mode 3 (slow speed)   |