
EVENT LIGHTING

LED Pixel Bar

Model No. PIXBAR12x3, PIXBAR12x8, PIXBAR12x12

USER MANUAL



For safety, please read this user manual carefully before initial use.

Event Lighting reserves the right to revise the manual at any time. Information and specifications within this manual are subject to change without notice. Event Lighting assumes no liability or responsibility for any errors or omissions. Please consult Event Lighting for any clarification or information regarding this item.

www.event-lighting.com.au

V2.0

CONTENTS

Safety Instructions

- Power Input & Power Linking

Product Installation

- Fuse replacement

Diagrams

- Lux Chart
- Dimensions

Control Board Operation

- DMX Addressing
- DMX Modes
- Sound Mode
- Setting Static Colors
- Manual Color Mode
- Automatic Mode

Special Chaser Mode

- Settings for Master device
- Setting for the slave devices

DMX Values

Technical Specifications

Warranty

Safety Instructions

WARNING

- Do not open this device, there is no user-serviceable parts inside. Risk of electric shock.
- Do not look at the light source when the device is on.
- **CAUTION:** This unit's housing may be hot during and after operation.
- Install this device in a location with adequate ventilation, at least 20 inch (50 cm) from adjacent surfaces.
- Do not leave any flammable material within 50 cm of this unit while operating or connected to power.
- Use a safety chain when mounting this device overhead.
- Do not operate this device outdoors or in any location where dust, excessive heat, water, or humidity may affect it.
- Do not operate this device if the housing, lenses, or cables appear damaged.
- Do not connect this device to a dimmer or rheostat.
- **ONLY** connect this device to a grounded and protected circuit.
- **ONLY** use the hanging bracket to carry this device.
- In case of a serious operating problem, stop using immediately.
- The maximum ambient temperature is 104° F (40° C). Do not operate this device at higher temperatures.

Power Input & Power Linking

This device has an auto-switching power supply work with input voltage range of 100~240 VAC, 50/60 Hz. Link up to the maximum of 8A. DO NOT exceed this number.

Product Installation

This device can be mounted in many orientations provided each individual device is secured by the use of correct mounting bracket.

Use a safety chain when mounting this device overhead.

Fuse Replacement

If the fine-wire fuse of the device fuses, only replace the fuse by a fuse of same type and rating.

Before replacing the fuse, unplug mains lead.

Procedure:

Step 1: Unscrew the fuse holder on the rear panel with a fitting screwdriver from the housing (anticlockwise).

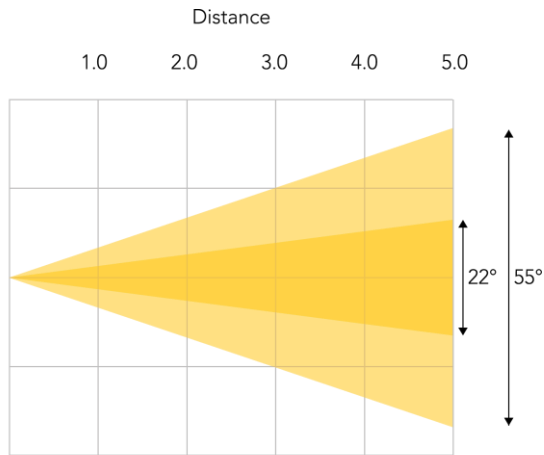
Step 2: Remove the old fuse from the fuse holder.

Step 3: Install the new fuse in the fuse holder.

Step 4: Replace the fuse holder in the housing and fix it.

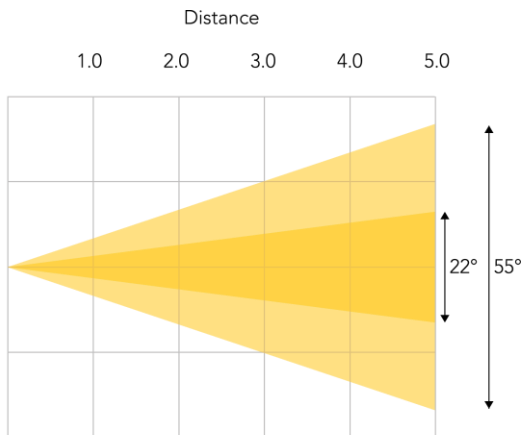
Lux Chart

PIXBAR12X3



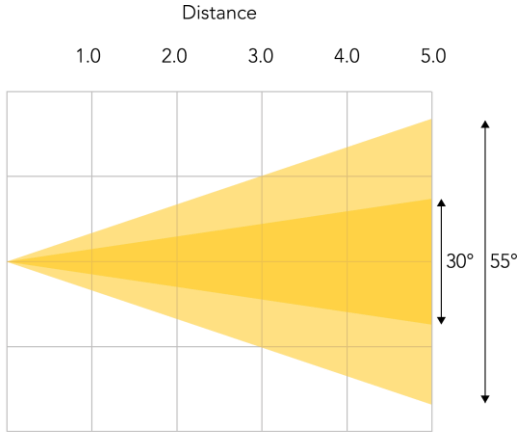
| LUX @ 22° | Ø 0.39 | Ø 0.78 | Ø 1.17 | Ø 1.56 | Ø 1.94 |
|-----------|--------|--------|--------|--------|--------|
| R | 1,165 | 483 | 290 | 189 | 130 |
| G | 1,230 | 512 | 312 | 205 | 142 |
| B | 1,342 | 556 | 345 | 223 | 154 |
| Full | 2,628 | 1,353 | 789 | 569 | 393 |

PIXBAR12X8



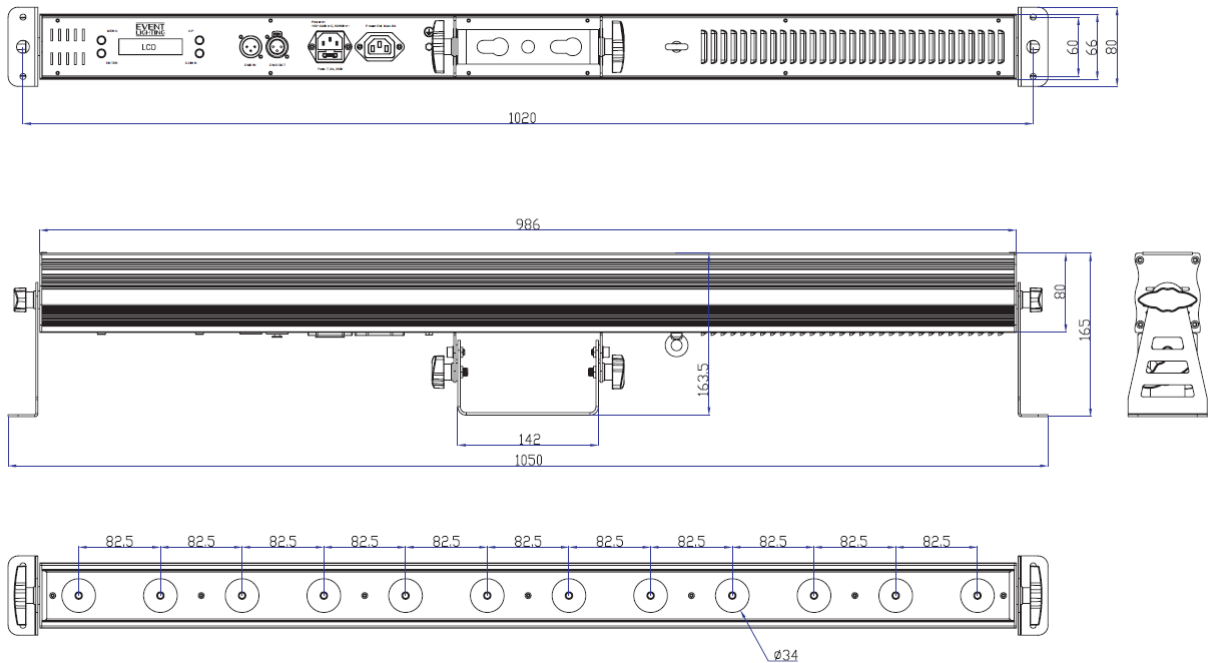
| LUX @ 22° | Ø 0.39 | Ø 0.78 | Ø 1.17 | Ø 1.56 | Ø 1.94 |
|-----------|--------|--------|--------|--------|--------|
| R | 1,540 | 640 | 335 | 215 | 145 |
| G | 1,432 | 590 | 320 | 206 | 140 |
| B | 1,515 | 664 | 370 | 240 | 169 |
| W | 1,930 | 850 | 480 | 310 | 210 |
| Full | 5,700 | 2,550 | 1,410 | 890 | 630 |

PIXBAR12X12



| LUX @ 30° | Ø 0.54 | Ø 1.07 | Ø 1.61 | Ø 2.14 | Ø 2.68 |
|-----------|--------|--------|--------|--------|--------|
| R | 913 | 375 | 190 | 119 | 87 |
| G | 1,164 | 486 | 250 | 156 | 113 |
| B | 1,157 | 468 | 240 | 154 | 109 |
| W | 1,706 | 678 | 351 | 219 | 158 |
| A | 673 | 257 | 135 | 189 | 67 |
| U | 290 | 116 | 59 | 36 | 26 |
| Full | 5,180 | 2,050 | 1,067 | 660 | 471 |

Dimensions



CONTROL BOARD OPERATION

Press the Menu until one of the following had been displayed:

| PIXBAR12X3 Display | PIXBAR12X8 Display | PIXBAR12X12 Display | Function |
|-----------------------|-----------------------|------------------------|--|
| 1.DMX Address | 1.DMX Address | 1.DMX Address | To set DMX address |
| 2.DMX Channel | 2.DMX Channel | 2.DMX Channel | To set DMX channel modes: 12x3 Model - CH 3, 5, 6, 7, 9, 12, 18, 36 12x8 Model – CH4, 6, 8, 9, 12, 16, 20, 48, 50 12x12Model – CH3, 4, 6, 8, 12, 24, 72, 74 |
| | 3.Dimmer Curve | 3.Dimmer Curve | To set dimmer speeds: 01, 02, 03, 04, 05 12x8 Model –01, 02, 03, 04, 05 12x12Model –01, 02, 03, 04 |
| 3.Sound Mode | 4.Sound Mode | 8.Sound Mode | To set sound active mode and the sensitivity (Sen 000 ~ Sen100) |
| 4.Static Color | 5.Static Color | 4.Static Color | To set static colors |
| 5.Manual Color | 6.Manual Color | 5.Manual Color | To set intensity of LED separately for color mixing and strobe |
| 6.Auto Program | 7.Auto Program | 7.Auto Program | To set built-in automatic programs and speed 000 ~100 |
| 7.Master/Slave | 8.Master/Slave | 9.Master/Slave | To set Master/Slave modes |
| | | 6.Manual WCT | To set up white color temperature WCT 01~11 and brightness |
| 8.Factory Set | 9.Factory Set | 10.Factory Set | To recover manufactory default |

Use “Up” and “Down” button to select your desired operation, press “Enter” to set all function

Set DMX address

After select the "DMX Address" and press “Enter”, then use “Up” and “Down” to set the desired DMX address, press "Enter" again to confirm.

Set DMX modes

After select the "DMX Channel" and press “Enter”, then use “Up” and “Down” to set the desired DMX mode, press "Enter" again to confirm.

Set Dimmer curve

After select the "Dimmer Curve" and press “Enter”, then use “Up” and “Down” to set the desired dimmer curve, press "Enter" again to confirm.

Sound Mode

After select the "Sound mode", use “Up” and “Down” to set the sound sensitivity Sen 000 ~ Sen 100, press “Enter” to confirm.

Set Static Colors

Entered "Static Color", you can select the desired solid color via the "Up" or "Down" buttons, then "Enter" to confirm

| PIXBAR12X3 | | PIXBAR12X8 | | PIXBAR12X12 | |
|------------|--------------------|------------|----------------------------|-------------|------------------------------------|
| Value | Function: | Value | Function | Value | Function: |
| R | Red | R | Red | R | Red |
| G | Green | G | Green | G | Green |
| B | Blue | B | Blue | B | Blue |
| GB | Green + Blue | W | White | W | White |
| RB | Red + Blue | GB | Green + Blue | A | Amber |
| RG | Red + Green | RB | Red + Blue | UV | UV |
| RGB | Red + Green + Blue | RG | Red + Green | GB | Green + Blue |
| | | RGB | Red + Green + Blue | RG | Red + Green |
| | | RW | Red + White | RB | Red + Blue |
| | | GW | Green + White | RW | Red + White |
| | | BW | Blue + White | GW | Green + White |
| | | RGW | Red + Green + White | BW | Blue + White |
| | | RBW | Red + Blue + White | WA | White + Amber |
| | | GBW | Green + Blue + White | RA | Red + Amber |
| | | RGB W | Red + Green + Blue + white | GA | Green + Amber |
| | | | | BA | Blue + Amber |
| | | | | RGB | Red +Green + Blue |
| | | | | RGW | Red + Green + White |
| | | | | RBW | Red + Blue + White |
| | | | | GBW | Green + Blue + White |
| | | | | GBA | Green + Blue + Amber |
| | | | | BWA | Blue + White + Amber |
| | | | | RGA | Red + Green + Amber |
| | | | | GWA | Green + White + Amber |
| | | | | RWA | Red + White + Amber |
| | | | | RGBA | Red + Green + Blue + Amber |
| | | | | GBWA | Green + Blue + White + Amber |
| | | | | RGBW | Red + Green + Blue + White |
| | | | | RBWA | Red + Blue + White + Amber |
| | | | | RGWA | Red + Green + White + Amber |
| | | | | EGBWA | Red + Green + Blue + White + Amber |
| | | | | RU | Red + UV |
| | | | | GU | Green + UV |
| | | | | AU | Amber + UV |
| | | | | RAU | Red + Amber + UV |
| | | | | | |
| | | | | RGBWAU | Red + Green + Blue + White + |

| | | | | | |
|--|--|--|--|--|------------|
| | | | | | Amber + UV |
|--|--|--|--|--|------------|

Set manual mode

Set up intensity of R, G, B, W, A, UV separately for your color mixing and strobe function through control panel. Entered "Manual color", use "Up" and "Down" to select intensity of R G B, use "Enter" to save your set for each step. Use "Up" and "Down" to set strobe speed from Sp 000 to Sp 100, ("0" is freeze, "001 – 100" is slow to fast), then press "Enter" to confirm.

Automatic Mode

Set your built-in automatic program through control panel.

Entered "Auto Program" mode, use "Up" and "Down" to select the built-in auto run programs, press "Enter" to confirm.

Use "Up" and "Down" to select the operating speed of the auto program (Sp 000 ~ Sp100, freeze, slow ~ fast)

| PIXBAR12X3 & PIXBAR12X8 | | PIXBAR12X12 |
|-------------------------|------------------------------------|------------------------------------|
| PR 01 | 4 colors switching | 4 colors switching |
| PR 02 | 15 colors switching | 36 colors switching |
| PR 03 | Color Macros | 6 colors fading(slow in slow out) |
| PR 04 | Auto chasing 1 | 36 colors fading(slow in slow out) |
| PR 05 | Auto chasing 2 | 6 colors fading(slow in fast out) |
| PR 06 | Auto chasing 3 | 36 colors fading(slow in fast out) |
| PR 07 | Auto chasing 4 | 6 colors fading(fast in slow out) |
| PR 08 | Auto chasing 5 | 36 colors fading(fast in slow out) |
| PR 09 | Auto chasing 6 | Color Macros |
| PR 10 | Auto chasing 7 | Auto chasing 1 |
| PR 11 | Auto chasing 8 (Loop PR04 ~ PR 10) | Auto chasing 2 |
| PR 12 | Multi fixture chasing | Auto chasing 3 |
| PR 13 | N/A | Auto chasing 4 |
| PR 14 | N/A | Auto chasing 5 |
| PR 15 | N/A | Auto chasing 6 |
| PR 16 | N/A | Auto chasing 7 |
| PR 17 | N/A | Auto chasing 8 |
| PR 18 | N/A | Auto chasing 9 |
| PR 19 | N/A | Multi fixture chasing |

To setup multi fixture chases

Before starting, go to each fixture and reset the menu to fixture defaults.

1. On the master unit, setup the DMX address to the total number of fixtures in the string. For example, you may have a total of 20 par cans including the master, so the DMX address should be set to "20".
2. On the master unit, go to master/slave menu setting and set the unit to master
3. On the master unit, set the unit to "Auto Mode" "PrXX" which supports multi fixture chases.
4. On each slave unit, setup the DMX address to the fixture position in the string. For example, if this unit is the 2nd unit in the string including the master, then set the DMX address to 2. If this the last unit of 20, then the DMX address should be set to 20. It is possible to double up fixture positions as well as fixture 1.
5. On each slave, go to the master/slave menu setting and set it to slave.

Master/Slave Operation

1. Set the master fixture to one of the standalone operating modes: auto, sound, static color or manual color modes
2. Set the slaves, entered "Mas/Sla" mode, set to "s", press "Enter"

Factory set

To recover factory default, select the "Factory Set" and press "Enter", then use "Up" and "Down" to choose "Y" (yes), press "Enter" again to confirm to recover factory default

DMX CHART

PIXBAR12X12

| Channel | | | | | | | | Function | Min DMX | Max DMX |
|---------|-----|-----|-----|------|------|------|------|------------------------------------|------------|------------|
| Ch3 | Ch4 | Ch6 | Ch8 | Ch12 | Ch24 | Ch72 | Ch74 | | | |
| 1 | 1 | 1 | 1 | 1 | | | | Red 0%-100% | 0 | 255 |
| 2 | 2 | 2 | 2 | 2 | | | | Green 0%-100% | 0 | 255 |
| 3 | 3 | 3 | 3 | 3 | | | | Blue 0%-100% | 0 | 255 |
| | 4 | 4 | 4 | 4 | | | | White 0%-100% | 0 | 255 |
| | | 5 | 5 | 5 | | | | Amber 0%-100% | 0 | 255 |
| | | 6 | 6 | 6 | | | | UV 0%-100% | 0 | 255 |
| | | | 7 | 7 | | | | Dimmer 0%-100% | 0 | 255 |
| | | | 8 | 8 | | | | No function | 0 | 9 |
| | | | | 9 | | | | Strobe (slow to fast) | 10 | 255 |
| | | | | | | | | No function | 0 | 9 |
| | | | | | | | | 11 white color temperature | 10 | 255 |
| | | | | | | | | No function | 0 | 9 |
| | | | | | | | | 4 colors switching | 10 | 21 |
| | | | | | | | | 36 colors switching | 22 | 34 |
| | | | | | | | | 6 colors fading(slow in slow out) | 35 | 47 |
| | | | | | | | | 36 colors fading(slow in slow out) | 48 | 60 |
| | | | | | | | | 6 colors fading(slow in fast out) | 61 | 73 |
| | | | | | | | | 36 colors fading(slow in fast out) | 74 | 86 |
| | | | | | | | | 6 colors fading(fast in slow out) | 87 | 99 |
| | | | | | | | | 36 colors fading(fast in slow out) | 100 | 112 |
| | | | | | | | | Color Macros | 113 | 125 |
| | | | | | | | | Auto chasing 1 | 126 | 138 |
| | | | | | | | | Auto chasing 2 | 139 | 151 |
| | | | | | | | | Auto chasing 3 | 152 | 164 |
| | | | | | | | | Auto chasing 4 | 165 | 177 |
| | | | | | | | | Auto chasing 5 | 178 | 190 |
| | | | | | | | | Auto chasing 6 | 191 | 203 |
| | | | | | | | | Auto chasing 7 | 204 | 216 |
| | | | | | | | | Auto chasing 8 | 217 | 229 |
| | | | | | | | | Auto chasing 9 | 230 | 242 |
| | | | | | | | | Sound active mode | 243 | 255 |
| | | | | | | | | Auto run speed | 0 | 255 |
| | | | | 11 | | | | | | |

| | | | | | | | | | | |
|--|--|--|----|----|----|----|--|---------------------------|-----|-----|
| | | | | | | | | Use preset dimming curve | 0 | 9 |
| | | | | | | | | dimmer curve 1 | 10 | 70 |
| | | | | | | | | dimmer curve 2 | 71 | 132 |
| | | | | | | | | dimmer curve 3 | 133 | 194 |
| | | | | | | | | dimmer curve 4 | 195 | 255 |
| | | | 12 | | | | | LED1-LED3 Red 0%-100% | 0 | 255 |
| | | | | 1 | | | | LED1-LED3 Green 0%-100% | 0 | 255 |
| | | | | 2 | | | | LED1-LED3 Blue 0%-100% | 0 | 255 |
| | | | | 3 | | | | LED1-LED3 White 0%-100% | 0 | 255 |
| | | | | 4 | | | | LED1-LED3 Amber 0%-100% | 0 | 255 |
| | | | | 5 | | | | LED1-LED3 UV 0%-100% | 0 | 255 |
| | | | | 6 | | | | LED4-LED6 Red 0%-100% | 0 | 255 |
| | | | | 7 | | | | LED4-LED6 Green 0%-100% | 0 | 255 |
| | | | | 8 | | | | LED4-LED6 Blue 0%-100% | 0 | 255 |
| | | | | 9 | | | | LED4-LED6 White 0%-100% | 0 | 255 |
| | | | | 10 | | | | LED4-LED6 Amber 0%-100% | 0 | 255 |
| | | | | 11 | | | | LED4-LED6 UV 0%-100% | 0 | 255 |
| | | | | 12 | | | | LED7-LED9 Red 0%-100% | 0 | 255 |
| | | | | 12 | | | | LED7-LED9 Green 0%-100% | 0 | 255 |
| | | | | 14 | | | | LED7-LED9 Blue 0%-100% | 0 | 255 |
| | | | | 15 | | | | LED7-LED9 White 0%-100% | 0 | 255 |
| | | | | 16 | | | | LED7-LED9 Amber 0%-100% | 0 | 255 |
| | | | | 17 | | | | LED7-LED9 UV 0%-100% | 0 | 255 |
| | | | | 18 | | | | LED10-LED12 Red 0%-100% | 0 | 255 |
| | | | | 19 | | | | LED10-LED12 Green 0%-100% | 0 | 255 |
| | | | | 20 | | | | LED10-LED12 Blue 0%-100% | 0 | 255 |
| | | | | 21 | | | | LED10-LED12 White 0%-100% | 0 | 255 |
| | | | | 22 | | | | LED10-LED12 Amber 0%-100% | 0 | 255 |
| | | | | 23 | | | | LED10-LED12 UV 0%-100% | 0 | 255 |
| | | | | 24 | | | | | | |
| | | | | | 1 | 1 | | LED1 Red 0%-100% | 0 | 255 |
| | | | | | 2 | 2 | | LED1 Green 0%-100% | 0 | 255 |
| | | | | | 3 | 3 | | LED1 Blue 0%-100% | 0 | 255 |
| | | | | | 4 | 4 | | LED1 White 0%-100% | 0 | 255 |
| | | | | | 5 | 5 | | LED1 Amber 0%-100% | 0 | 255 |
| | | | | | 6 | 6 | | LED1 UV 0%-100% | 0 | 255 |
| | | | | | 7 | 7 | | LED2 Red 0%-100% | 0 | 255 |
| | | | | | 8 | 8 | | LED2 Green 0%-100% | 0 | 255 |
| | | | | | 9 | 9 | | LED2 Blue 0%-100% | 0 | 255 |
| | | | | | 10 | 10 | | LED2 White 0%-100% | 0 | 255 |
| | | | | | 11 | 11 | | LED2 Amber 0%-100% | 0 | 255 |
| | | | | | 12 | 12 | | LED2 UV 0%-100% | 0 | 255 |
| | | | | | 13 | 13 | | LED3 Red 0%-100% | 0 | 255 |

| | | | | | | | | | |
|--|--|--|--|--|----|----|--------------------|---|-----|
| | | | | | 14 | 14 | LED3 Green 0%-100% | 0 | 255 |
| | | | | | 15 | 15 | LED3 Blue 0%-100% | 0 | 255 |
| | | | | | 16 | 16 | LED3 White 0%-100% | 0 | 255 |
| | | | | | 17 | 17 | LED3 Amber 0%-100% | 0 | 255 |
| | | | | | 18 | 18 | LED3 UV 0%-100% | 0 | 255 |
| | | | | | 19 | 19 | LED4 Red 0%-100% | 0 | 255 |
| | | | | | 20 | 20 | LED4 Green 0%-100% | 0 | 255 |
| | | | | | 21 | 21 | LED4 Blue 0%-100% | 0 | 255 |
| | | | | | 22 | 22 | LED4 White 0%-100% | 0 | 255 |
| | | | | | 23 | 23 | LED4 Amber 0%-100% | 0 | 255 |
| | | | | | 24 | 24 | LED4 UV 0%-100% | 0 | 255 |
| | | | | | 25 | 25 | LED5 Red 0%-100% | 0 | 255 |
| | | | | | 26 | 26 | LED5 Green 0%-100% | 0 | 255 |
| | | | | | 27 | 27 | LED5 Blue 0%-100% | 0 | 255 |
| | | | | | 28 | 28 | LED5 White 0%-100% | 0 | 255 |
| | | | | | 29 | 29 | LED5 Amber 0%-100% | 0 | 255 |
| | | | | | 30 | 30 | LED5 UV 0%-100% | 0 | 255 |
| | | | | | 31 | 31 | LED6 Red 0%-100% | 0 | 255 |
| | | | | | 32 | 32 | LED6 Green 0%-100% | 0 | 255 |
| | | | | | 33 | 33 | LED6 Blue 0%-100% | 0 | 255 |
| | | | | | 34 | 34 | LED6 White 0%-100% | 0 | 255 |
| | | | | | 35 | 35 | LED6 Amber 0%-100% | 0 | 255 |
| | | | | | 36 | 36 | LED6 UV 0%-100% | 0 | 255 |
| | | | | | 37 | 37 | LED7 Red 0%-100% | 0 | 255 |
| | | | | | 38 | 38 | LED7 Green 0%-100% | 0 | 255 |
| | | | | | 39 | 39 | LED7 Blue 0%-100% | 0 | 255 |
| | | | | | 40 | 40 | LED7 White 0%-100% | 0 | 255 |
| | | | | | 41 | 41 | LED7 Amber 0%-100% | 0 | 255 |
| | | | | | 42 | 42 | LED7 UV 0%-100% | 0 | 255 |
| | | | | | 43 | 43 | LED8 Red 0%-100% | 0 | 255 |
| | | | | | 44 | 44 | LED8 Green 0%-100% | 0 | 255 |
| | | | | | 45 | 45 | LED8 Blue 0%-100% | 0 | 255 |
| | | | | | 46 | 46 | LED8 White 0%-100% | 0 | 255 |
| | | | | | 47 | 47 | LED8 Amber 0%-100% | 0 | 255 |
| | | | | | 48 | 48 | LED8 UV 0%-100% | 0 | 255 |
| | | | | | 49 | 49 | LED9 Red 0%-100% | 0 | 255 |
| | | | | | 50 | 50 | LED9 Green 0%-100% | 0 | 255 |
| | | | | | 51 | 51 | LED9 Blue 0%-100% | 0 | 255 |
| | | | | | 52 | 52 | LED9 White 0%-100% | 0 | 255 |
| | | | | | 53 | 53 | LED9 Amber 0%-100% | 0 | 255 |
| | | | | | 54 | 54 | LED9 UV 0%-100% | 0 | 255 |
| | | | | | 55 | 55 | LED10 Red 0%-100% | 0 | 255 |

| | | | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|----|-----------------------|---------------------|-----|-----|
| | | | | | | | | | 56 | 56 | LED10 Green 0%-100% | 0 | 255 |
| | | | | | | | | | 57 | 57 | LED10 Blue 0%-100% | 0 | 255 |
| | | | | | | | | | 58 | 58 | LED10 White 0%-100% | 0 | 255 |
| | | | | | | | | | 59 | 59 | LED10 Amber 0%-100% | 0 | 255 |
| | | | | | | | | | 60 | 60 | LED10 UV 0%-100% | 0 | 255 |
| | | | | | | | | | 61 | 61 | LED11 Red 0%-100% | 0 | 255 |
| | | | | | | | | | 62 | 62 | LED11 Green 0%-100% | 0 | 255 |
| | | | | | | | | | 63 | 63 | LED11 Blue 0%-100% | 0 | 255 |
| | | | | | | | | | 64 | 64 | LED11 White 0%-100% | 0 | 255 |
| | | | | | | | | | 65 | 65 | LED11 Amber 0%-100% | 0 | 255 |
| | | | | | | | | | 66 | 66 | LED11 UV 0%-100% | 0 | 255 |
| | | | | | | | | | 67 | 67 | LED12 Red 0%-100% | 0 | 255 |
| | | | | | | | | | 68 | 68 | LED12 Green 0%-100% | 0 | 255 |
| | | | | | | | | | 69 | 69 | LED12 Blue 0%-100% | 0 | 255 |
| | | | | | | | | | 70 | 70 | LED12 White 0%-100% | 0 | 255 |
| | | | | | | | | | 71 | 71 | LED12 Amber 0%-100% | 0 | 255 |
| | | | | | | | | | 72 | 72 | LED12 UV 0%-100% | 0 | 255 |
| | | | | | | | | | 73 | Master dimmer | 0 | 255 | |
| | | | | | | | | | 74 | No function | 0 | 9 | |
| | | | | | | | | | | Strobe (slow to fast) | 10 | 255 | |

PIXBAR12X3

| Channel | | | | | | | | Function | Min DMX | Max DMX |
|---------|-----|-----|-----|-----|------|------|------|------------------------------------|---------|---------|
| Ch3 | Ch5 | Ch6 | Ch7 | Ch9 | Ch12 | Ch18 | Ch36 | | | |
| 1 | 1 | | 1 | | | | | Red 0%-100% | 0 | 255 |
| 2 | 2 | | 2 | | | | | Green 0%-100% | 0 | 255 |
| 3 | 3 | | 3 | | | | | Blue 0%-100% | 0 | 255 |
| | 4 | | 4 | | | | | Dimmer 0%-100% | 0 | 255 |
| | 5 | | 5 | | | | | No function | 0 | 9 |
| | | | | | | | | Strobe (slow to fast) | 10 | 255 |
| | | | 6 | | | | | No function | 0 | 9 |
| | | | | | | | | 4 colors switching | 10 | 29 |
| | | | | | | | | 15 colors switching | 30 | 50 |
| | | | | | | | | Color Macros | 51 | 71 |
| | | | | | | | | Auto chasing 1 | 72 | 92 |
| | | | | | | | | Auto chasing 2 | 93 | 113 |
| | | | | | | | | Auto chasing 3 | 114 | 134 |
| | | | | | | | | Auto chasing 4 | 135 | 155 |
| | | | | | | | | Auto chasing 5 | 156 | 176 |
| | | | | | | | | Auto chasing 6 | 177 | 197 |
| | | | | | | | | Auto chasing 7 | 198 | 218 |
| | | | | | | | | Auto chasing 8 (Loop PR04 ~ PR 10) | 219 | 239 |

| | | | | | | | | |
|--|--|--|--|--|----|---------------------------|---|-----|
| | | | | | 14 | LED9-LED10 Green 0%-100% | 0 | 255 |
| | | | | | 15 | LED9-LED10 Blue 0%-100% | 0 | 255 |
| | | | | | 16 | LED11-LED12 Red 0%-100% | 0 | 255 |
| | | | | | 17 | LED11-LED12 Green 0%-100% | 0 | 255 |
| | | | | | 18 | LED11-LED12 Blue 0%-100% | 0 | 255 |
| | | | | | 1 | LED1 Red 0%-100% | 0 | 255 |
| | | | | | 2 | LED1 Green 0%-100% | 0 | 255 |
| | | | | | 3 | LED1 Blue 0%-100% | 0 | 255 |
| | | | | | 4 | LED2 Red 0%-100% | 0 | 255 |
| | | | | | 5 | LED2 Green 0%-100% | 0 | 255 |
| | | | | | 6 | LED2 Blue 0%-100% | 0 | 255 |
| | | | | | 7 | LED3 Red 0%-100% | 0 | 255 |
| | | | | | 8 | LED3 Green 0%-100% | 0 | 255 |
| | | | | | 9 | LED3 Blue 0%-100% | 0 | 255 |
| | | | | | 10 | LED4 Red 0%-100% | 0 | 255 |
| | | | | | 11 | LED4 Green 0%-100% | 0 | 255 |
| | | | | | 12 | LED4 Blue 0%-100% | 0 | 255 |
| | | | | | 13 | LED5 Red 0%-100% | 0 | 255 |
| | | | | | 14 | LED5 Green 0%-100% | 0 | 255 |
| | | | | | 15 | LED5 Blue 0%-100% | 0 | 255 |
| | | | | | 16 | LED6 Red 0%-100% | 0 | 255 |
| | | | | | 17 | LED6 Green 0%-100% | 0 | 255 |
| | | | | | 18 | LED6 Blue 0%-100% | 0 | 255 |
| | | | | | 19 | LED7 Red 0%-100% | 0 | 255 |
| | | | | | 20 | LED7 Green 0%-100% | 0 | 255 |
| | | | | | 21 | LED7 Blue 0%-100% | 0 | 255 |
| | | | | | 22 | LED8 Red 0%-100% | 0 | 255 |
| | | | | | 23 | LED8 Green 0%-100% | 0 | 255 |
| | | | | | 24 | LED8 Blue 0%-100% | 0 | 255 |
| | | | | | 25 | LED9 Red 0%-100% | 0 | 255 |
| | | | | | 26 | LED9 Green 0%-100% | 0 | 255 |
| | | | | | 27 | LED9 Blue 0%-100% | 0 | 255 |
| | | | | | 28 | LED10 Red 0%-100% | 0 | 255 |
| | | | | | 29 | LED10 Green 0%-100% | 0 | 255 |
| | | | | | 30 | LED10 Blue 0%-100% | 0 | 255 |
| | | | | | 31 | LED11 Red 0%-100% | 0 | 255 |
| | | | | | 32 | LED11 Green 0%-100% | 0 | 255 |
| | | | | | 33 | LED11 Blue 0%-100% | 0 | 255 |
| | | | | | 34 | LED12 Red 0%-100% | 0 | 255 |
| | | | | | 35 | LED12 Green 0%-100% | 0 | 255 |
| | | | | | 36 | LED12 Blue 0%-100% | 0 | 255 |

PIXBAR12X8

| Channel | | | | | | | | | Function | Min DMX | Max DMX |
|---------|-----|-----|-----|------|------|------|------|------|--------------------------|---------|---------|
| Ch4 | Ch6 | Ch8 | Ch9 | Ch12 | Ch16 | Ch24 | Ch48 | Ch50 | | | |
| 1 | 1 | | 1 | | | | | | Red 0%-100% | 0 | 255 |
| 2 | 2 | | 2 | | | | | | Green 0%-100% | 0 | 255 |
| 3 | 3 | | 3 | | | | | | Blue 0%-100% | 0 | 255 |
| 4 | 4 | | 4 | | | | | | White 0%-100% | 0 | 255 |
| | 5 | | 5 | | | | | | Dimmer 0%-100% | 0 | 255 |
| | 6 | | 6 | | | | | | No function | 0 | 9 |
| | | | 7 | | | | | | Strobe (slow to fast) | 10 | 255 |
| | | | | | | | | | No function | 0 | 9 |
| | | | | | | | | | R G B colors switching | 10 | 29 |
| | | | | | | | | | 7 colors switching | 22 | 50 |
| | | | | | | | | | 7 colors macros fading | 35 | 71 |
| | | | | | | | | | Auto chasing 1 | 72 | 92 |
| | | | | | | | | | Auto chasing 2 | 93 | 113 |
| | | | | | | | | | Auto chasing 3 | 114 | 134 |
| | | | | | | | | | Auto chasing 4 | 135 | 155 |
| | | | | | | | | | Auto chasing 5 | 156 | 176 |
| | | | | | | | | | Auto chasing 6 | 177 | 197 |
| | | | | | | | | | Auto chasing 7 | 198 | 218 |
| | | | | | | | | | Auto chasing 8 | 219 | 239 |
| | | | | | | | | | Sound active mode | 240 | 255 |
| | | | 8 | | | | | | Auto run speed | 0 | 255 |
| | | | 9 | | | | | | Use preset dimming curve | 0 | 9 |
| | | | | | | | | | dimmer curve 1 | 10 | 57 |
| | | | | | | | | | dimmer curve 2 | 58 | 106 |
| | | | | | | | | | dimmer curve 3 | 107 | 155 |
| | | | | | | | | | dimmer curve 4 | 156 | 204 |
| | | | | | | | | | dimmer curve 5 | 205 | 255 |
| | | 1 | | | | | | | LED1-LED6 Red 0%-100% | 0 | 255 |
| | | 2 | | | | | | | LED1-LED6 Green 0%-100% | 0 | 255 |
| | | 3 | | | | | | | LED1-LED6 Blue 0%-100% | 0 | 255 |
| | | 4 | | | | | | | LED1-LED6 White 0%-100% | 0 | 255 |
| | | 5 | | | | | | | LED7-LED12 Red 0%-100% | 0 | 255 |
| | | 6 | | | | | | | LED7-LED12 Green 0%-100% | 0 | 255 |
| | | 7 | | | | | | | LED7-LED12 Blue 0%-100% | 0 | 255 |
| | | | | | | | | | LED7-LED12 White 0%-100% | 0 | 255 |
| | | | | 1 | | | | | LED1-LED4 Red 0%-100% | 0 | 255 |
| | | | | 2 | | | | | LED1-LED4 Green 0%-100% | 0 | 255 |
| | | | | 3 | | | | | LED1-LED4 Blue 0%-100% | 0 | 255 |
| | | | | 4 | | | | | LED1-LED4 White 0%-100% | 0 | 255 |

| | | | | | | | | | |
|--|--|--|--|----|----|---------------------------|--------------------------|-----|-----|
| | | | | 5 | | LED5-LED8 Red 0%-100% | 0 | 255 | |
| | | | | 6 | | LED5-LED8 Green 0%-100% | 0 | 255 | |
| | | | | 7 | | LED5-LED8 Blue 0%-100% | 0 | 255 | |
| | | | | 8 | | LED5-LED8 White 0%-100% | 0 | 255 | |
| | | | | 9 | | LED9-LED12 Red 0%-100% | 0 | 255 | |
| | | | | 10 | | LED9-LED12 Green 0%-100% | 0 | 255 | |
| | | | | 11 | | LED9-LED12 Blue 0%-100% | 0 | 255 | |
| | | | | 12 | | LED9-LED12 White 0%-100% | 0 | 255 | |
| | | | | | 1 | LED1-LED3 Red 0%-100% | 0 | 255 | |
| | | | | | 2 | LED1-LED3 Green 0%-100% | 0 | 255 | |
| | | | | | 3 | LED1-LED3 Blue 0%-100% | 0 | 255 | |
| | | | | | 4 | LED1-LED3 White 0%-100% | 0 | 255 | |
| | | | | | 5 | LED4-LED6 Red 0%-100% | 0 | 255 | |
| | | | | | 6 | LED4-LED6 Green 0%-100% | 0 | 255 | |
| | | | | | 7 | LED4-LED6 Blue 0%-100% | 0 | 255 | |
| | | | | | 8 | LED4-LED6 White 0%-100% | 0 | 255 | |
| | | | | | 9 | LED7-LED9 Red 0%-100% | 0 | 255 | |
| | | | | | 10 | LED7-LED9 Green 0%-100% | 0 | 255 | |
| | | | | | 11 | LED7-LED9 Blue 0%-100% | 0 | 255 | |
| | | | | | 12 | LED7-LED9 White 0%-100% | 0 | 255 | |
| | | | | | 13 | LED10-LED12 Red 0%-100% | 0 | 255 | |
| | | | | | 14 | LED10-LED12 Green 0%-100% | 0 | 255 | |
| | | | | | 15 | LED10-LED12 Blue 0%-100% | 0 | 255 | |
| | | | | | 16 | LED10-LED12 White 0%-100% | 0 | 255 | |
| | | | | | | 1 | LED1-LED2 Red 0%-100% | 0 | 255 |
| | | | | | | 2 | LED1-LED2 Green 0%-100% | 0 | 255 |
| | | | | | | 3 | LED1-LED2 Blue 0%-100% | 0 | 255 |
| | | | | | | 4 | LED1-LED2 White 0%-100% | 0 | 255 |
| | | | | | | 5 | LED3-LED4 Red 0%-100% | 0 | 255 |
| | | | | | | 6 | LED3-LED4 Green 0%-100% | 0 | 255 |
| | | | | | | 7 | LED3-LED4 Blue 0%-100% | 0 | 255 |
| | | | | | | 8 | LED3-LED4 White 0%-100% | 0 | 255 |
| | | | | | | 9 | LED5-LED6 Red 0%-100% | 0 | 255 |
| | | | | | | 10 | LED5-LED6 Green 0%-100% | 0 | 255 |
| | | | | | | 11 | LED5-LED6 Blue 0%-100% | 0 | 255 |
| | | | | | | 12 | LED5-LED6 White 0%-100% | 0 | 255 |
| | | | | | | 13 | LED7-LED8 Red 0%-100% | 0 | 255 |
| | | | | | | 14 | LED7-LED8 Green 0%-100% | 0 | 255 |
| | | | | | | 15 | LED7-LED8 Blue 0%-100% | 0 | 255 |
| | | | | | | 16 | LED7-LED8 White 0%-100% | 0 | 255 |
| | | | | | | 17 | LED9-LED10 Red 0%-100% | 0 | 255 |
| | | | | | | 18 | LED9-LED10 Green 0%-100% | 0 | 255 |

| | | | | | | | | | |
|--|--|--|--|--|----|----|---------------------------|---|-----|
| | | | | | 19 | | LED9-LED10 Blue 0%-100% | 0 | 255 |
| | | | | | 20 | | LED9-LED10 White 0%-100% | 0 | 255 |
| | | | | | 21 | | LED11-LED12 Red 0%-100% | 0 | 255 |
| | | | | | 22 | | LED11-LED12 Green 0%-100% | 0 | 255 |
| | | | | | 23 | | LED11-LED12 Blue 0%-100% | 0 | 255 |
| | | | | | 24 | | LED11-LED12 White 0%-100% | 0 | 255 |
| | | | | | 1 | 1 | LED1 Red 0%-100% | 0 | 255 |
| | | | | | 2 | 2 | LED1 Green 0%-100% | 0 | 255 |
| | | | | | 3 | 3 | LED1 Blue 0%-100% | 0 | 255 |
| | | | | | 4 | 4 | LED1 White 0%-100% | 0 | 255 |
| | | | | | 5 | 5 | LED2 Red 0%-100% | 0 | 255 |
| | | | | | 6 | 6 | LED2 Green 0%-100% | 0 | 255 |
| | | | | | 7 | 7 | LED2 Blue 0%-100% | 0 | 255 |
| | | | | | 8 | 8 | LED2 White 0%-100% | 0 | 255 |
| | | | | | 9 | 9 | LED3 Red 0%-100% | 0 | 255 |
| | | | | | 10 | 10 | LED3 Green 0%-100% | 0 | 255 |
| | | | | | 11 | 11 | LED3 Blue 0%-100% | 0 | 255 |
| | | | | | 12 | 12 | LED3 White 0%-100% | 0 | 255 |
| | | | | | 13 | 13 | LED4 Red 0%-100% | 0 | 255 |
| | | | | | 14 | 14 | LED4 Green 0%-100% | 0 | 255 |
| | | | | | 15 | 15 | LED4 Blue 0%-100% | 0 | 255 |
| | | | | | 16 | 16 | LED4 White 0%-100% | 0 | 255 |
| | | | | | 17 | 17 | LED5 Red 0%-100% | 0 | 255 |
| | | | | | 18 | 18 | LED5 Green 0%-100% | 0 | 255 |
| | | | | | 19 | 19 | LED5 Blue 0%-100% | 0 | 255 |
| | | | | | 20 | 20 | LED5 White 0%-100% | 0 | 255 |
| | | | | | 21 | 21 | LED6 Red 0%-100% | 0 | 255 |
| | | | | | 22 | 22 | LED6 Green 0%-100% | 0 | 255 |
| | | | | | 23 | 23 | LED6 Blue 0%-100% | 0 | 255 |
| | | | | | 24 | 24 | LED6 White 0%-100% | 0 | 255 |
| | | | | | 25 | 25 | LED7 Red 0%-100% | 0 | 255 |
| | | | | | 26 | 26 | LED7 Green 0%-100% | 0 | 255 |
| | | | | | 27 | 27 | LED7 Blue 0%-100% | 0 | 255 |
| | | | | | 28 | 28 | LED7 White 0%-100% | 0 | 255 |
| | | | | | 29 | 29 | LED8 Red 0%-100% | 0 | 255 |
| | | | | | 30 | 30 | LED8 Green 0%-100% | 0 | 255 |
| | | | | | 31 | 31 | LED8 Blue 0%-100% | 0 | 255 |
| | | | | | 32 | 32 | LED8 White 0%-100% | 0 | 255 |
| | | | | | 33 | 33 | LED9 Red 0%-100% | 0 | 255 |
| | | | | | 34 | 34 | LED9 Green 0%-100% | 0 | 255 |
| | | | | | 35 | 35 | LED9 Blue 0%-100% | 0 | 255 |
| | | | | | 36 | 36 | LED9 White 0%-100% | 0 | 255 |

| | | | | | | | | | | |
|--|--|--|--|--|--|----|----|-----------------------|----|-----|
| | | | | | | 37 | 37 | LED10 Red 0%-100% | 0 | 255 |
| | | | | | | 38 | 38 | LED10 Green 0%-100% | 0 | 255 |
| | | | | | | 39 | 39 | LED10 Blue 0%-100% | 0 | 255 |
| | | | | | | 40 | 40 | LED10 White 0%-100% | 0 | 255 |
| | | | | | | 41 | 41 | LED11 Red 0%-100% | 0 | 255 |
| | | | | | | 42 | 42 | LED11 Green 0%-100% | 0 | 255 |
| | | | | | | 43 | 43 | LED11 Blue 0%-100% | 0 | 255 |
| | | | | | | 44 | 44 | LED11 White 0%-100% | 0 | 255 |
| | | | | | | 45 | 45 | LED12 Red 0%-100% | 0 | 255 |
| | | | | | | 46 | 46 | LED12 Green 0%-100% | 0 | 255 |
| | | | | | | 47 | 47 | LED12 Blue 0%-100% | 0 | 255 |
| | | | | | | 48 | 48 | LED12 White 0%-100% | 0 | 255 |
| | | | | | | | 49 | Master dimmer | 0 | 255 |
| | | | | | | | 50 | Strobe (slow to fast) | 10 | 255 |