

CLS Pixelbar Tri Colore



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INDEX

<u>Index</u>	<u>2</u>
<u>Introduction</u>	<u>3</u>
<u>Included items</u>	<u>3</u>
<u>Optional accessories</u>	<u>3</u>
<u>Safety information</u>	<u>3</u>
<u>Installation</u>	<u>5</u>
<u>Operation</u>	<u>5</u>
<u>DMX address setting</u>	<u>5</u>
<u>DMX group mode</u>	<u>5</u>
<u>Master mode</u>	<u>5</u>
<u>Demo mode</u>	<u>6</u>
<u>Lock functionality</u>	<u>7</u>
<u>Measurements</u>	<u>7</u>
<u>Specifications</u>	<u>7</u>
<u>List of symbols</u>	<u>8</u>

INTRODUCTION:

Thank you for selecting the CLS Pixelbar Tri Colore. The CLS Pixelbar Tri Colore is a universal DMX-controlled luminary that uses 12 RGB in one LEDs to create an even light-output. Its numerous rigging facilities makes it the perfect choice for rental companies worldwide.

Included items

The CLS Pixelbar Tri Colore is shipped in one package containing the following items:

- 1 CLS Pixelbar Tri Colore (# 875620)
- 1 Neutrik input power connection plug (# 946411)
- 2 floor brackets (# 875750)
- 1 user manual

Optional accessories

- 875750 CLS Pixelbar floor brackets (set of 2 pieces)
- 875760 CLS Pixelbar special G-Clamp with wingbolt, black
- 704811 CLS Pixelbar omega bracket for coupling the Pixelbar
- 911200 CLS Extension cable black XLR male/female 80cm
- 911201 CLS Extension cable black XLR male/female 1.5mtr
- 911203 CLS Extension cable black XLR male/female 3mtr
- 911205 CLS Extension cable black XLR male/female 5mtr
- 911206 CLS Extension cable black XLR male/female 10mtr
- 911207 CLS Extension cable black XLR male/female 15mtr
- 911209 CLS Extension cable black XLR male/female 20mtr

NOTE: It is important to read this manual before you install ore use this product.

SAFETY INFORMATION

Warning! This product is for professional use only.

Read this manual before powering up or installing the CLS Pixelbar Tri Colore. Follow the instructions listed below and observe all warnings in this manual.

Protection from electric shock

- Disconnect the power supply from AC power before installing, dismantling or maintaining the unit.
- Make sure all connectors are connected properly.
- Use only a source of AC power that complies with local building and electrical codes.
- Do not expose the unit to rain or moisture.
- Refer all service to a qualified technician.

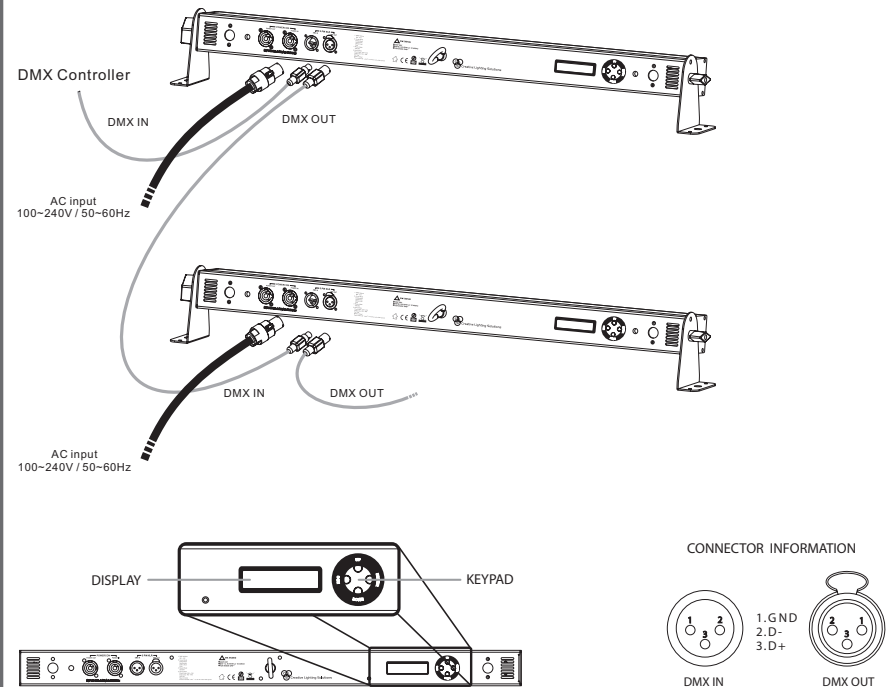
Protection from burns and fire

- Provide a clearance of at least 50 mm around the unit.
- Do not install the product near a heat source.
- Do not install the product in a corrosive, flammable or explosive area.
- Do not modify the product, or install other than genuine parts.
- Do not operate the unit if the ambient temperature exceeds 40 °C.
- Do not stare into the LED, this can cause damage to the eyes.
- Operate in a well ventilated area.

Protection from injury due to falls

- Verify that all covers and mounting hardware is securely fastened.
- Block the access below the work area whenever installing or removing the unit.

INSTALLATION



OPERATION

Primitive setting:

1. DMX Address No.: 001
2. DMX Group Mode: Independent
3. Master / Slave Mode: OFF



Press [UP] or [DOWN] to select the desired step from 1 to 4 below:

1. DMX address Setting

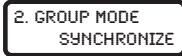
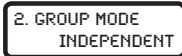
For setting up an DMX address, press Enter and the LCM display shows 001 twinkling. Press [UP] or [DOWN] to select the desired DMX address from number 001-512.

When selected the desired DMX address, press [ENTER] to Exit with save or [ESC] to Exit without saving.

2. DMX Group Mode

There are 4 DMX group modes, first disconnect the DMX connector. There is an total of 8 ports and can be set for different groups. Each group works individually by using DMX console. When you see Group Mode, press [ENTER] and the display shows 'independent' twinkling. Press [UP] or [DOWN] to select the desired group below:

1. Independent: Control all ports individually
2. Synchronize: Control all ports works in same operation
3. Odd and Even: Port in odd numbers in one group and even numbers in the other group.
4. Duet: Control ports by couple



When finished, press [ENTER] to exit with save or [ESC] to exit without saving.

3. Master Mode

This function is to choose the main control when you connect more then 2 controllers. When you see Master, press [ENTER] and the display shows 'off' twinkling. Press [UP] or [DOWN] to select the master on or off. When finished, press [ENTER] to Exit with save or [ESC] to Exit without saving.



Note: Please pay attention for the below notification when using an DMX controller as main controller to avoid signal interrupting. When using any DMX controller as main control, please make sure the 'Master Mode' is in 'OFF' modus on all other DMX controllers.

4. Demo Mode

Press [ENTER] and there are four programs in this mode:

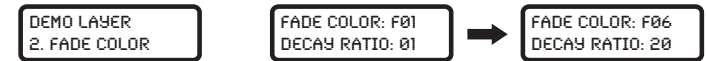
1. Fixed Color: There are 10 built-in fixed colours. Press [UP] or [DOWN] to select the desired colour from C01~C10.



Note: The colour illumination can be changed from 0~255 for each fixed colour. To change the colour illumination press the [ENTER] button. The display now shows R255 G000 B000, the colour value twinkling can be adjust from 0~255 by pressing [UP] or [DOWN]. To confirm and activate the colour setting press [ENTER] again to the next colour setting.



2. Fade Effect: There are 6 built- in fade effects. Press [UP] or [DOWN] to select the desired effect from F01~F06.



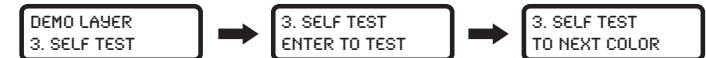
Note: The fade time of program can be changed from 01~20 to set the fade time press the enter button. The display shows 'Decay ratio', the fade time can be adjust from 01~20 by pressing [UP] or [DOWN]. To confirm and activate time setting press [ENTER] again, or press [ESC] to the next program.

Remark: To have the output saved and work with the same output when turning on the Pixelbar Tri Colore again, please press [ENTER] under the list of each C01~C10, F01~F06 and you will see 'Status Saved' twinkling. The memory will stay on the latest save only.

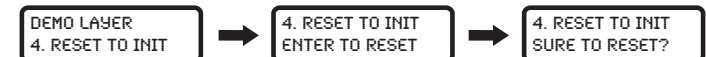


Please note the priority of directives should be DMX signal Demo Mode.

3. Self Test: Press [ENTER] to test one colour on all lighting fixtures. Press [ENTER] again to test the next colour and so on.



4. Reset to Initial: Press [ENTER] twice. The controller will return to the original setting.

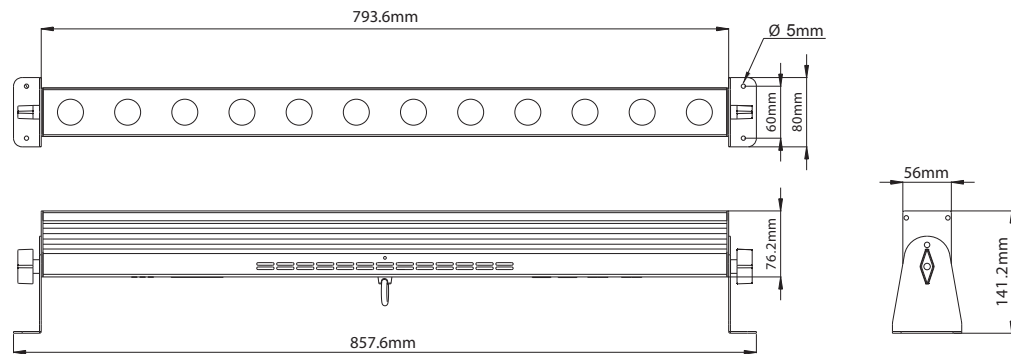


Lock functionality

When none of the buttons are in use for 2 minutes, the display will turn off. This will automatically lock the button functionality. When the display is off, the button functionality is locked. To unlock, press the [ENTER] button and hold it for 3 seconds. The display will light up.

When using DMX address. To unlock, press the [MENU] button and hold it 3 seconds. The display will light up.

MEASUREMENTS



TECHNICAL SPECIFICATIONS

LEDs: 12 x RGB in one
 Colour: RGB
 Lens beam angle: 10°
 Power supply voltage: 100 ~ 240 VAC
 Power consumption: Max 75W
 Housing: First grade aluminum, black coated
 Weight: 4 kg
 Dimensions: 76,2 x 793,6 x 56 mm (hxwx, without brackets)
 Communication: DMX 512 (1990) 3-pin XLR
 IP value: IP20
 Working temperature: -10 °C to +40 °C

LYST OF SYMBOLS

	Protection class One, two or three		Colour Available colours; Amber, blue, red or green
	Application area Indoor or outdoor		Colour temperature White in different Kelvin values; Cold white, neutral white, warm white or extra warm white
	Application area Floor, wall or ceiling		Colour changing RGB, RGB-W or RGB-A
	Swivel Fixture is horizontally rotatable, indicated in degrees		Curve Minimal bending curve in centimeters
	Swivel Fixture is vertically rotatable, indicated in degrees		Cutting length Indicated by the cutting marks
	Multiple connection Daisychain connectivity		LED pitch Pitch between the LEDs in millimeters
	Installation depth In centimeters		Power supply In VAC, VDC or milliAmpere
	Mounting hole In centimeters		Power consumption In VA or Watt
	Cable length Maximum cable attached to the fixture in centimeters		IP value Ingress Protection classifies the degrees of protection provided against the intrusion of the product
	Driver Inclusive or exclusive		Housing Housing material
	Weight In grams/kilograms		DMX channels Numbers of DMX channels on a product
	Pressure Maximum pressure on the fixture in kg/cm ²		DMX input Fixture works on DMX512 protocol
	Lifespan Of the light source in hours		Combined product Compose your own fixture
	Lenses Available lenses, indicated in degrees		Warranty 3 years warranty on the product
	LEDs Kind of LED used in the fixture		Conformité Européenne CE marking for free marketability of industrial goods within the EU
	Plug & play Easy connection using the SmartConnect system		Energy label