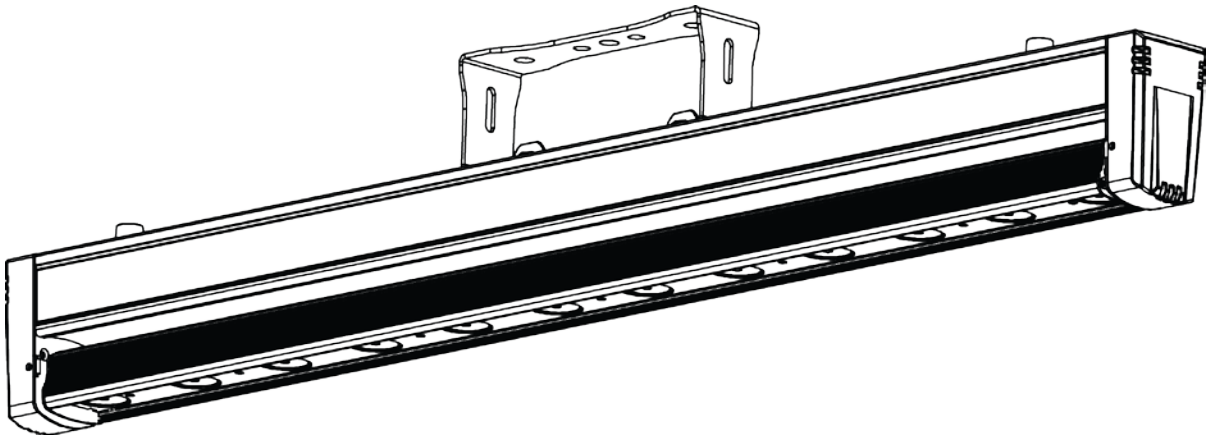
COLORband PiX-M

User Manual



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1. BEFORE YOU BEGIN

What Is Included

- COLORband™ PiX-M
- Hanging Bracket with Mounting Hardware
- Power Cord
- Warranty Card
- Quick Reference Guide

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, not CHAUVET®. 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, file a claim with CHAUVET® within 7 days of delivery.

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
	Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.
	Important installation or configuration information. The product may not function correctly if this information is not used.
	Useful information.

Disclaimer

The information and specifications contained in this User Manual are subject to change without notice. CHAUVET® assumes no responsibility or liability for any errors or omissions, and reserves the right to revise or recreate this manual at any time. Download the latest version from www.chauvetlighting.com.

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Product at a Glance

Use on Dimmer	X	Auto Programs	P
Outdoor Use	X	Auto-ranging Power Supply	P
Sound-Activated	P	Replaceable Fuse	P
DMX	P	User-Serviceable	X
Master/Slave	P		

Safety Notes

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

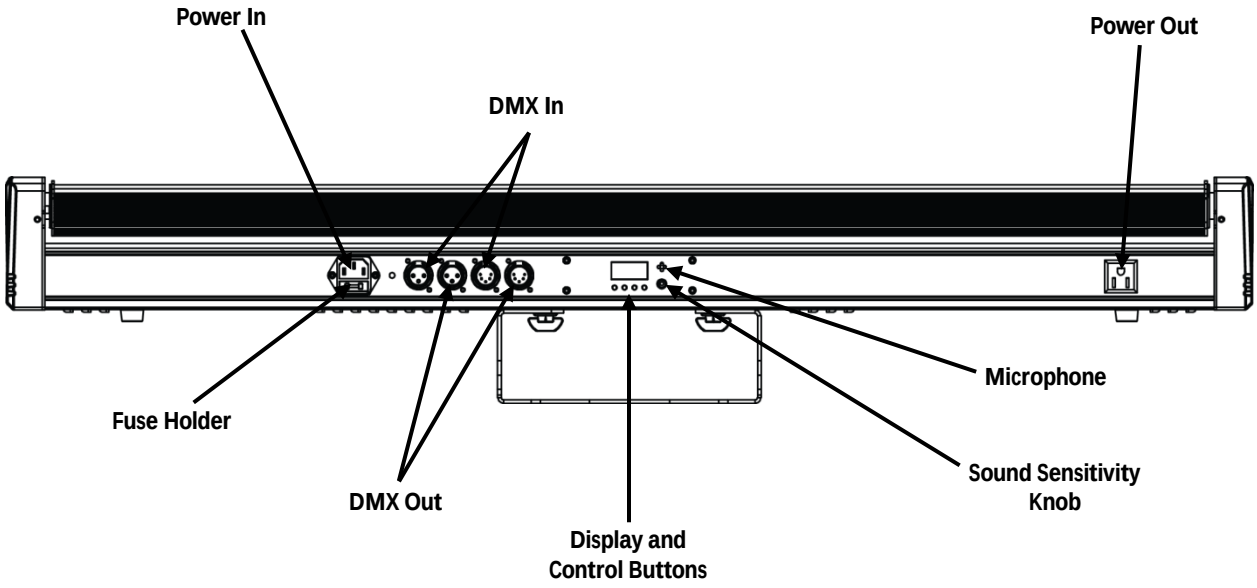
- Always connect the product to a grounded circuit to avoid the risk of electrocution.
- Always disconnect the product from the power source before cleaning or replacing the fuse.
- Avoid direct eye exposure to the light source while the product is on.
- Make sure the power cord is not crimped or damaged.
- 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.
- 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° F (40° C). 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. Contact the nearest authorized technical assistance center.
- This product is not intended for permanent installation.

- Keep this User Manual for future use. If you sell the product to another user, be sure to give this document to the next owner.

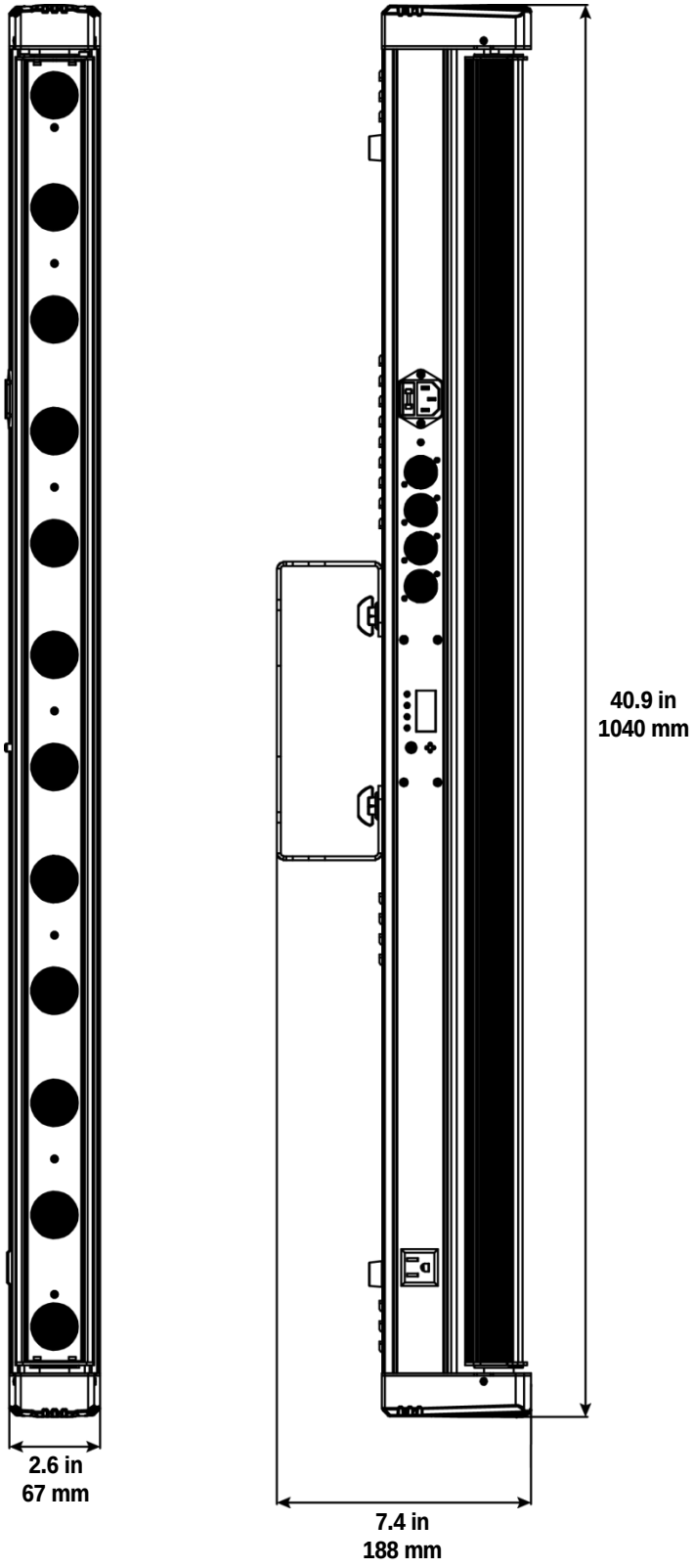
2. INTRODUCTION

Overview



Back Panel View

Dimensions



3. SETUP

AC Power

The COLORband™ PiX-M has an auto-ranging power supply and it can work with an input voltage range of 100~240 VAC, 50/60 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.

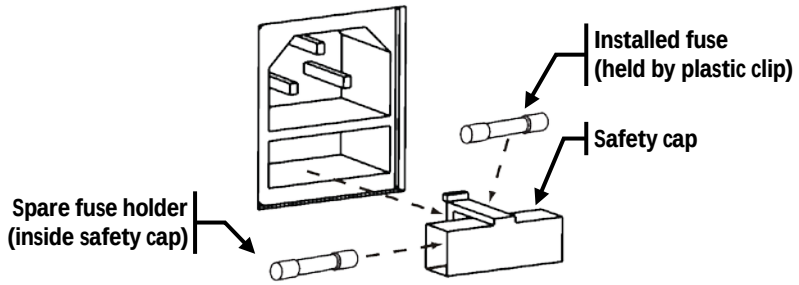
Always connect the product to a protected circuit (circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.

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

Fuse Replacement

Disconnect the product from power before replacing the fuse.

1. Disconnect the product from power.
2. Wedge the tip of a flat-head screwdriver into the slot of the fuse holder.
3. Pry the fuse holder out of the housing.
4. Remove the blown fuse from the holder.
5. Replace with a fuse of the exact same type and rating.
6. Insert the fuse holder back in place and reconnect power.

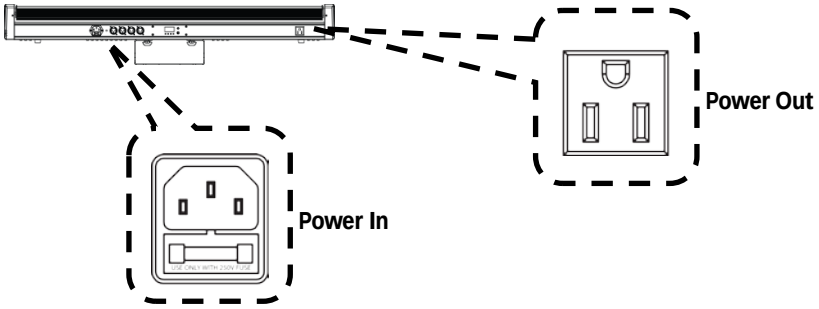


A spare fuse is not included; however, the safety cap has room for a spare.

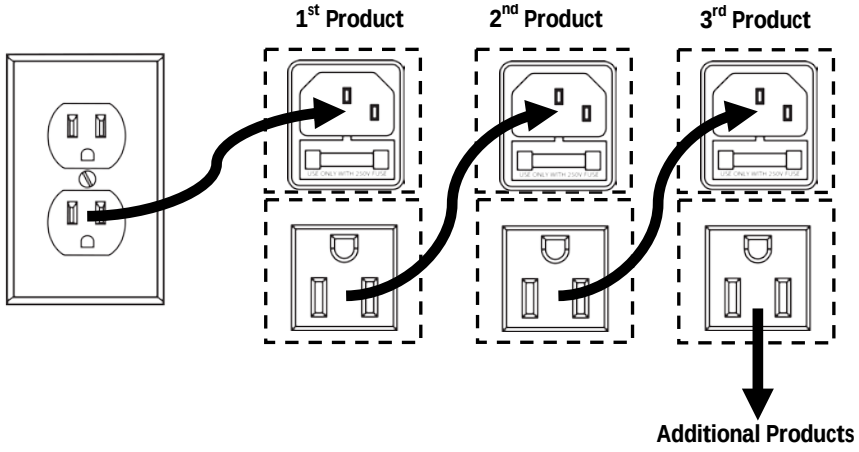
Always replace a blown fuse with the same type and rating.

Power Linking

The product provides power linking via the Edison/IEC outlet located in the back of the unit.



Power Linking Diagram



You can power link up to 8 COLORband™ PiX-M units on 120 VAC or up to 15 COLORband™ PiX-M units on 230 VAC.

The power linking diagram shown above corresponds to the North American version of the product ONLY! If using the product in other markets, you must consult with the local CHAUVET® distributor as power linking connectors and requirements may differ in your country or region.

Mounting

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

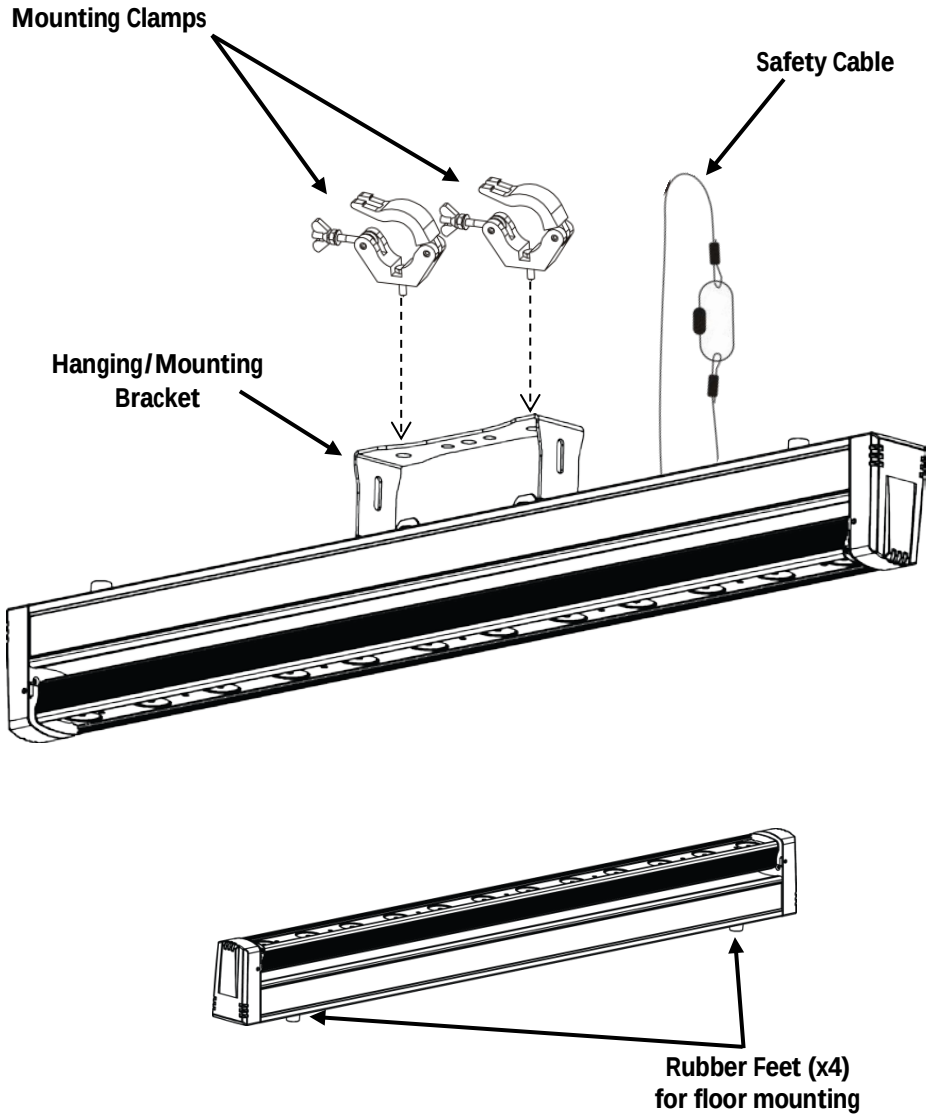
Orientation

The COLORband™ PiX-M may be mounted in any position; however, make sure adequate ventilation is provided around the product.

Rigging

- Before deciding on a location, always make sure there is easy access to the product for maintenance and programming.
- Make sure that the structure or surface onto which you are mounting the product can support the product's weight (see the Technical Specifications).
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, such as an elevated platform or a truss.
- When rigging the product onto a truss, you should use a mounting clamp of appropriate weight capacity. The bracket has a 13-mm holes, which are appropriate for this purpose.
- When power linking multiple products, you must 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



4. OPERATION

Control Panel Operation

To access the control panel functions, use the four buttons located underneath the display.

Button	Function
<MENU>	Selects an operation mode or to backs out of the current menu option
<UP>	Scrolls up the list of options or selects a higher value
<DOWN>	Scrolls down the list of options or selects a lower value
<ENTER>	Activates a menu option or a selected value

Menu Map

Mode	Programming Levels		Description
DMX Personalities and Starting Address	**5-CH**	**d 1–d512**	Selects DMX personality and starting address
	6-CH		
	8-CH		
	10CH		
	11CH		
	14CH		
	20CH		
	38CH		
	42CH		
Static Colors	**C--**	**r**	Red
		g	Green
		b	Blue
		gb	Cyan
		r b	Magenta
		rg	Yellow
		rgb	White
Tilt	**t--**	**t 0–t 50**	Tilt position (0–270°)
		t 51–t100	Automatic motorized tilt speed (slow to fast)
Auto Programs	**P--**	**P 1–P 14**	Chases 1–14 (Chase 14 = random Chases 1–13)
Program Speed	**S--**	**S 1–S100**	Selects auto program speed (slow to fast)
Sound-Active Mode	**Snd**		Sound-Active mode
Custom Color Mixing	**U--**	**r 0–r255**	Red (0–100%)
		g 0–g255	Green (0–100%)
		b 0–b255	Blue (0–100%)
		t 0–t255	Tilt position (0–270%)
Touch Control Panel Lock	**Encd**	**OFF**	Locks touch control panel
		ON	
Dimmer	**dIM**	**OFF**	Dimmer speed off
		dIM1	Dimmer, fast speed
		dIM2	Dimmer, middle speed
		dIM3	Dimmer, slow speed
Offset	**OFFS**	**0–255**	Offset (calibration mode)

Configuration (DMX)

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

1. Connect the product to a suitable power outlet.
2. Turn the product on.
3. Connect a DMX cable from the DMX output of the DMX controller to the DMX 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.

The COLORband™ PiX-M uses up to **42** DMX channels in its 42-channel DMX personality, which defines the highest configurable address to **471**.

If unfamiliar with DMX, download the DMX Primer from www.chauvetlighting.com.

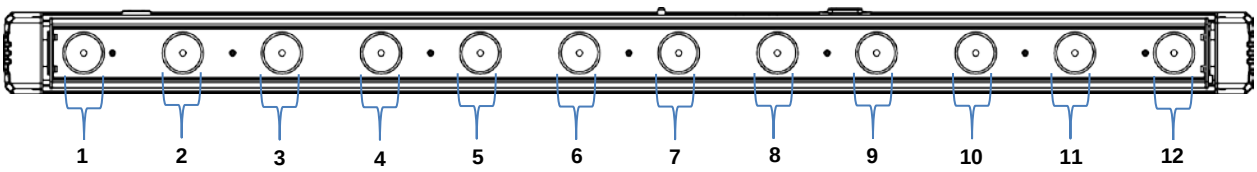
To select the starting address, do the following:

1. Press **<MENU>** repeatedly until the desired DMX personality (**5-CH**, **6-CH**, **8-CH**, **10CH**, **11CH**, **14CH**, **20CH**, **38CH**, or **42CH**) shows on the display.
2. Press **<ENTER>**.and **d 1**–**d512** shows on the display.
3. Use **<UP>** or **<DOWN>** to select the starting address.
4. Press **<ENTER>**.

DMX Channel Modes, Assignments, and Values

42-Channel

Channel	Function	Value	Setting	Section
1	Red	000 ó 255	0–100%	1
2	Green	000 ó 255	0–100%	
3	Blue	000 ó 255	0–100%	
4	Red	000 ó 255	0–100%	2
5	Green	000 ó 255	0–100%	
6	Blue	000 ó 255	0–100%	
7	Red	000 ó 255	0–100%	3
8	Green	000 ó 255	0–100%	
9	Blue	000 ó 255	0–100%	
10	Red	000 ó 255	0–100%	4
11	Green	000 ó 255	0–100%	
12	Blue	000 ó 255	0–100%	
13	Red	000 ó 255	0–100%	5
14	Green	000 ó 255	0–100%	
15	Blue	000 ó 255	0–100%	
16	Red	000 ó 255	0–100%	6
17	Green	000 ó 255	0–100%	
18	Blue	000 ó 255	0–100%	
19	Red	000 ó 255	0–100%	7
20	Green	000 ó 255	0–100%	
21	Blue	000 ó 255	0–100%	
22	Red	000 ó 255	0–100%	8
23	Green	000 ó 255	0–100%	
24	Blue	000 ó 255	0–100%	
25	Red	000 ó 255	0–100%	9
26	Green	000 ó 255	0–100%	
27	Blue	000 ó 255	0–100%	
28	Red	000 ó 255	0–100%	10
29	Green	000 ó 255	0–100%	
30	Blue	000 ó 255	0–100%	
31	Red	000 ó 255	0–100%	11
32	Green	000 ó 255	0–100%	
33	Blue	000 ó 255	0–100%	
34	Red	000 ó 255	0–100%	12
35	Green	000 ó 255	0–100%	
36	Blue	000 ó 255	0–100%	

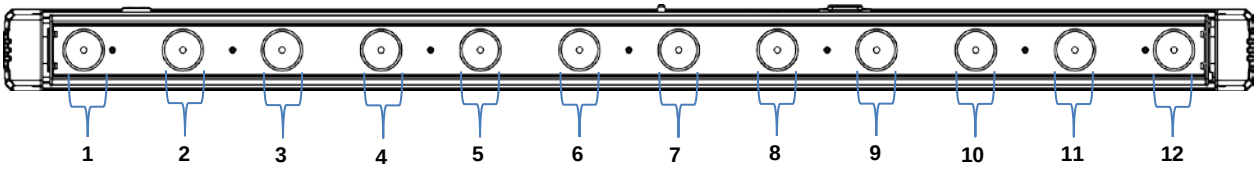


42-Channel (cont.)

Channel	Function	Value	Setting
37	**Speed**	000 ó 255	Chase speed, slow to fast (when Channel 38 is from 032–223)
	Strobe	000 ó 015 016 ó 255	No function Strobe (slow to fast)
38	**Auto Programs**	000 ó 031 032 ó 045 046 ó 059 060 ó 072 073 ó 086 087 ó 100 101 ó 113 114 ó 127 128 ó 141 142 ó 154 155 ó 168 169 ó 182 183 ó 195 196 ó 209 210 ó 223 224 ó 255	No function Chase 1 Chase 2 Chase 3 Chase 4 Chase 5 Chase 6 Chase 7 Chase 8 Chase 9 Chase 10 Chase 11 Chase 12 Chase 13 Chase 14 (random Chases 1–13) Sound-Active mode
39	**Dimmer**	000 ó 255	0–100%
40	**Tilt**	000 ó 255	0–270°
41	**Tilt Speed**	000 ó 255	Tilt speed (fast to slow)
42	**Dimmer Mode**	000 ó 051	Dimmer mode manually set in Menu Options
		052 ó 101	Dimmer mode off
		102 ó 152	Dimmer mode 1 (fast speed)
		153 ó 203	Dimmer mode 2 (middle speed)
		204 ó 255	Dimmer mode 3 (slow speed)

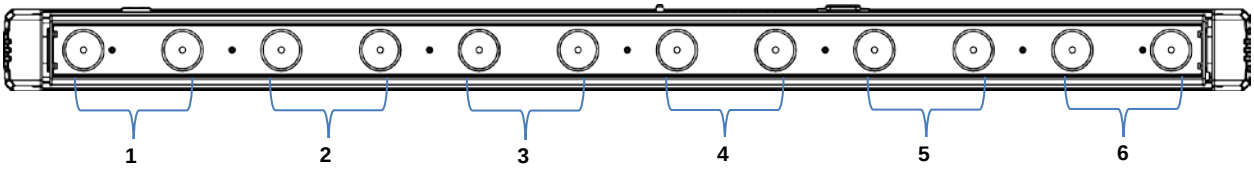
38-Channel

Channel	Function	Value	Setting	Section
1	**Red**	000 ó 255	0–100%	1
2	**Green**	000 ó 255	0–100%	
3	**Blue**	000 ó 255	0–100%	
4	**Red**	000 ó 255	0–100%	2
5	**Green**	000 ó 255	0–100%	
6	**Blue**	000 ó 255	0–100%	
7	**Red**	000 ó 255	0–100%	3
8	**Green**	000 ó 255	0–100%	
9	**Blue**	000 ó 255	0–100%	
10	**Red**	000 ó 255	0–100%	4
11	**Green**	000 ó 255	0–100%	
12	**Blue**	000 ó 255	0–100%	
13	**Red**	000 ó 255	0–100%	5
14	**Green**	000 ó 255	0–100%	
15	**Blue**	000 ó 255	0–100%	
16	**Red**	000 ó 255	0–100%	6
17	**Green**	000 ó 255	0–100%	
18	**Blue**	000 ó 255	0–100%	
19	**Red**	000 ó 255	0–100%	7
20	**Green**	000 ó 255	0–100%	
21	**Blue**	000 ó 255	0–100%	
22	**Red**	000 ó 255	0–100%	8
23	**Green**	000 ó 255	0–100%	
24	**Blue**	000 ó 255	0–100%	
25	**Red**	000 ó 255	0–100%	9
26	**Green**	000 ó 255	0–100%	
27	**Blue**	000 ó 255	0–100%	
28	**Red**	000 ó 255	0–100%	10
29	**Green**	000 ó 255	0–100%	
30	**Blue**	000 ó 255	0–100%	
31	**Red**	000 ó 255	0–100%	11
32	**Green**	000 ó 255	0–100%	
33	**Blue**	000 ó 255	0–100%	
34	**Red**	000 ó 255	0–100%	12
35	**Green**	000 ó 255	0–100%	
36	**Blue**	000 ó 255	0–100%	
37	**Tilt**	000 ó 255	0–270°	
38	**Tilt Speed**	000 ó 255	Tilt speed (fast to slow)	



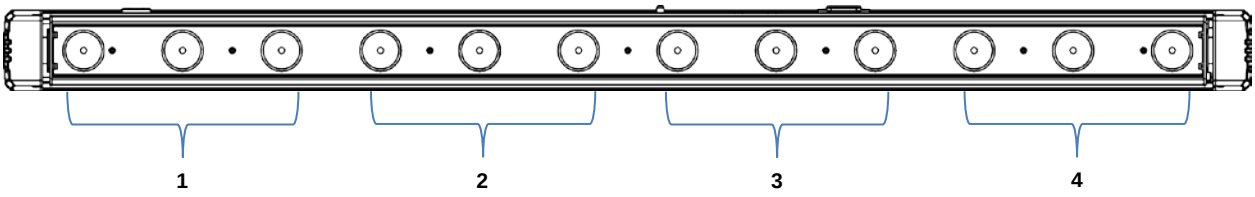
20-Channel

Channel	Function	Value	Setting	Section
1	Red	000 ó 255	0–100%	1
2	Green	000 ó 255	0–100%	
3	Blue	000 ó 255	0–100%	
4	Red	000 ó 255	0–100%	2
5	Green	000 ó 255	0–100%	
6	Blue	000 ó 255	0–100%	
7	Red	000 ó 255	0–100%	3
8	Green	000 ó 255	0–100%	
9	Blue	000 ó 255	0–100%	
10	Red	000 ó 255	0–100%	4
11	Green	000 ó 255	0–100%	
12	Blue	000 ó 255	0–100%	
13	Red	000 ó 255	0–100%	5
14	Green	000 ó 255	0–100%	
15	Blue	000 ó 255	0–100%	
16	Red	000 ó 255	0–100%	6
17	Green	000 ó 255	0–100%	
18	Blue	000 ó 255	0–100%	
19	Tilt	000 ó 255	0–270°	
20	Tilt Speed	000 ó 255	Tilt speed (fast to slow)	



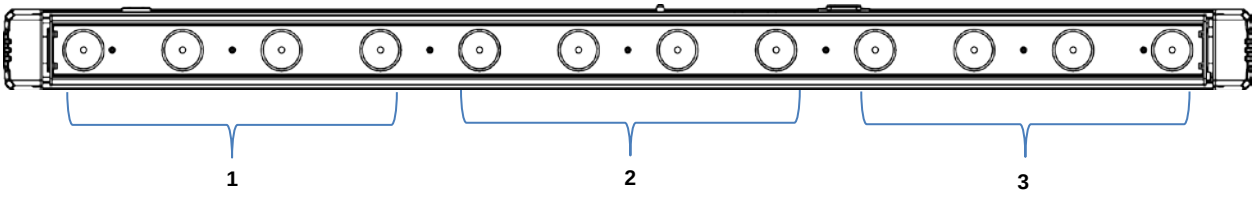
14-Channel

Channel	Function	Value	Setting	Section
1	Red	000 ó 255	0–100%	1
2	Green	000 ó 255	0–100%	
3	Blue	000 ó 255	0–100%	
4	Red	000 ó 255	0–100%	2
5	Green	000 ó 255	0–100%	
6	Blue	000 ó 255	0–100%	
7	Red	000 ó 255	0–100%	3
8	Green	000 ó 255	0–100%	
9	Blue	000 ó 255	0–100%	
10	Red	000 ó 255	0–100%	4
11	Green	000 ó 255	0–100%	
12	Blue	000 ó 255	0–100%	
13	Tilt	000 ó 255	0–270°	
14	Tilt Speed	000 ó 255	Tilt speed (fast to slow)	



11-Channel

Channel	Function	Value	Setting	Section
1	Red	000 ó 255	0–100%	1
2	Green	000 ó 255	0–100%	
3	Blue	000 ó 255	0–100%	
4	Red	000 ó 255	0–100%	2
5	Green	000 ó 255	0–100%	
6	Blue	000 ó 255	0–100%	
7	Red	000 ó 255	0–100%	3
8	Green	000 ó 255	0–100%	
9	Blue	000 ó 255	0–100%	
10	Tilt	000 ó 255	0–270°	
11	Tilt Speed	000 ó 255	Tilt speed (fast to slow)	

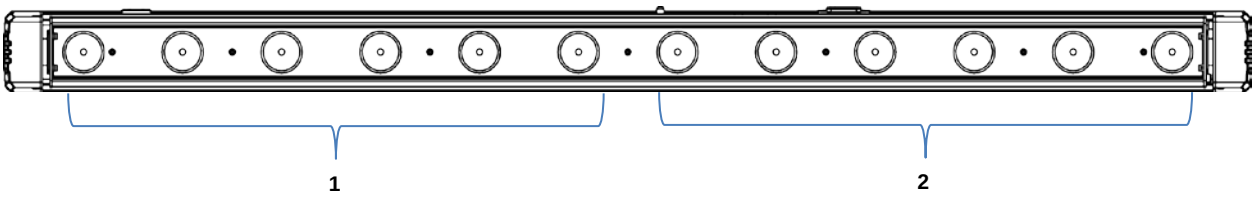


10-Channel

Channel	Function	Value	Setting
1	**Red**	000 ó 255	0–100%
2	**Green**	000 ó 255	0–100%
3	**Blue**	000 ó 255	0–100%
4	**Color Macros**	000 ó 015	No function
		016 ó 255	Color macros
5	**Speed**	000 ó 255	Chase speed, slow to fast (when Channel 6 is from 032–223)
	Strobe (Channels 1–3 only)	000 ó 015 016 ó 255	No function Strobe (slow to fast)
6	**Auto Programs**	000 ó 031 032 ó 045 046 ó 059 060 ó 072 073 ó 086 087 ó 100 101 ó 113 114 ó 127 128 ó 141 142 ó 154 155 ó 168 169 ó 182 183 ó 195 196 ó 209 210 ó 223 224 ó 255	No function Chase 1 Chase 2 Chase 3 Chase 4 Chase 5 Chase 6 Chase 7 Chase 8 Chase 9 Chase 10 Chase 11 Chase 12 Chase 13 Chase 14 (random Chases 1–13) Sound-Active mode
7	**Dimmer**	000 ó 255	0–100%
8	**Tilt**	000 ó 255	0–270°
9	**Tilt Speed**	000 ó 255	Tilt speed (fast to slow)
10	**Dimmer Mode**	000 ó 051	Dimmer mode manually set in Menu Options
		052 ó 101	Dimmer mode off
		102 ó 152	Dimmer mode 1 (fast speed)
		153 ó 203	Dimmer mode 2 (middle speed)
		204 ó 255	Dimmer mode 3 (slow speed)

8-Channel

Channel	Function	Value	Setting	Section
1	**Red**	000 ó 255	0–100%	1
2	**Green**	000 ó 255	0–100%	
3	**Blue**	000 ó 255	0–100%	
4	**Red**	000 ó 255	0–100%	2
5	**Green**	000 ó 255	0–100%	
6	**Blue**	000 ó 255	0–100%	
7	**Tilt**	000 ó 255	0–270°	
8	**Tilt Speed**	000 ó 255	Tilt speed (fast to slow)	



6-Channel

Channel	Function	Value	Setting
1	**Red**	000 ó 255	0–100%
2	**Green**	000 ó 255	0–100%
3	**Blue**	000 ó 255	0–100%
4	**Dimmer**	000 ó 255	0–100%
5	**Tilt**	000 ó 255	0–270°
6	**Tilt Speed**	000 ó 255	Tilt speed (fast to slow)

5-Channel

Channel	Function	Value	Setting
1	**Red**	000 ó 255	0–100%
2	**Green**	000 ó 255	0–100%
3	**Blue**	000 ó 255	0–100%
4	**Tilt**	000 ó 255	0–270°
5	**Tilt Speed**	000 ó 255	Tilt speed (fast to slow)

Configuration (Standalone)

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

· Connect the product to a suitable power outlet.

Never connect a product that is operating in any stand-alone mode (Static, 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>** repeatedly until **Snd** shows on the display.
2. Press **<ENTER>**.
3. Turn the music on and adjust the sound sensitivity knob until the product starts responding to the beat of the music.

The product will only respond to low frequencies of music (bass and drums).

Automatic Mode

To enable the auto programs, follow the instructions below:

1. Press **<MENU>** repeatedly until **P--** shows on the display.
2. Press **<ENTER>** and **P 1**–**P 14** shows on the display.
3. Use **<UP>** or **<DOWN>** to select the desired auto program.
4. Press **<ENTER>**.

Program Speed

To select the auto program speed, do the following:

1. Press **<MENU>** repeatedly until **S--** shows on the display.
2. Use **<UP>** or **<DOWN>** to select the desired auto program speed (**S 1**–**S100**, slow to fast).
3. Press **<ENTER>**.

Static Color

To select a static color, follow the instructions below:

1. Press **<MENU>** repeatedly until **C--** shows on the display.
2. Press **<ENTER>** and one of the following shows on the display:
   - **r** (red)
   - **g** (green)
   - **b** (blue)
   - **gb** (cyan)
   - **r b** (magenta)
   - **rg** (yellow)
   - **rgb** (white)
3. Use **<UP>** or **<DOWN>** to select the desired preset color.
4. Press **<ENTER>**.

Custom Color Mixing

To custom mix a color, do the following:

1. Press **<MENU>** repeatedly until **U--** shows on the display.
2. Press **<ENTER>** and one of the following shows on the display:
   - **r 0**–**r255** (red, 0–100%)
   - **g 0**–**g255** (green, 0–100%)
   - **b 0**–**b255** (blue, 0–100%)

   The option for setting the angle of the tilt position also appears:
   - **t 0**–**t255** (0–270°)
3. Press **<ENTER>** repeatedly to select the desired color or the tilt option.
4. Use **<UP>** or **<DOWN>** to select the desired value (**0**–**255**).

   NOTE: With the color options, selecting **0** will turn the color off.
5. Press **<ENTER>** to set the value and continue to the next custom mixing option.
6. Repeat steps 3 to 5 until you have your desired color and tilt position.

Selecting the Tilting Action

To select the tilting action, follow the instructions below:

1. Press **<MENU>** repeatedly until **t--** shows on the display.
2. Press **<ENTER>** and **t 0**–**t100** shows on the display.
3. Use **<UP>** or **<DOWN>** to select:
   - **t 0**–**t 50** to set the desired tilt position (0–270°)
   - **t 51**–**t100** for automatic motorized tilt speed (slow to fast)
4. Press **<ENTER>**.

Locking and Unlocking the Touch Control Panel

To lock/unlock the touch control panel, do the following:

1. Press **<MENU>** repeatedly until **Encd** shows on the display.
2. Press **<ENTER>** and **OFF** (unlocked) or **ON** (locked) shows on the display.
3. Use **<UP>** or **<DOWN>** to select the desired option.
4. Press **<ENTER>**.

Selecting the Dimmer Mode

To select the dimmer mode, follow the instructions below:

1. Press **<MENU>** repeatedly until **dIM** shows on the display.
2. Press **<ENTER>** and one of the following shows on the display:
   - **OFF** (dimmer speed off)
   - **dIM1** (dimmer, fast speed)
   - **dIM2** (dimmer, middle speed)
   - **dIM3** (dimmer, slow speed)
3. Use **<UP>** or **<DOWN>** to select the desired dimmer mode.
4. Press **<ENTER>**.

Calibrating the Moving Strip

To enable the calibration mode, do the following:

1. Press **<MENU>** repeatedly until **OFFS** shows on the display.
2. Press **<ENTER>** and **0**–**255** shows on the display.
3. Use **<UP>** or **<DOWN>** to reposition the moving strip to the desired position.
4. Press **<ENTER>**.

Master/Slave Mode

The Master/Slave mode allows a single COLORband™ PiX-M unit (the “master”) to control the actions of one or more COLORband™ PiX-M units (the “slaves”) without the need of a DMX controller. The master unit will be set to operate in either Automatic or Sound-Active mode, while the slave units will be set to operate in Slave mode. Once set and connected, the slave units will operate in unison with the master unit.

Configure the units as indicated below.

Slave units:

1. Press **<MENU>** repeatedly until any DMX personality shows on the display.
2. Press **<ENTER>** to accept.
3. Set the DMX address to **d 1**.
4. Connect the DMX input of the first slave unit to the DMX output of the master unit.
5. Connect the DMX input of the subsequent slave units to the DMX output of the previous slave unit.
6. Finish setting and connecting all the slave units.

Master unit:

1. Set the master unit to operate in either an auto program or Sound-Active mode.
2. Make the master unit the first unit in the DMX daisy chain.

- **Configure all the slave units before connecting the master unit to the DMX daisy chain.**
- **Never connect a DMX controller to a DMX string configured for Master/Slave operation because the controller may interfere with the signals from the master unit.**
- **Do not connect more than 31 slave units to the master unit.**

5. TECHNICAL INFORMATION

Product Maintenance

Dust build-up reduces light output performance and can cause overheating. This can lead to reduction of the light source's life and mechanical wear. To maintain optimum performance and minimize wear, clean the product at least twice a month. However, usage and environmental conditions contribute to increased cleaning frequency.

To clean the product, follow the instructions below:

- Unplug the product from power.
- Wait until the product is at room temperature.
- Use a vacuum (or dry compressed air) and a soft brush to remove dust collected on the external surface/vents.
- Clean all external optics and glass/transparent surfaces with a mild soap solution, ammonia-free glass cleaner, or isopropyl alcohol.
- Apply the solution directly to a soft, lint-free cotton cloth or a lens cleaning tissue.
- Softly wipe any dirt or grime to the outside edges of the external optics or glass/transparent surface.
- Gently polish the external optics and glass/transparent surfaces until they are free of haze and lint.

Always dry the external optics and glass/transparent surfaces carefully after cleaning them.

6. TECHNICAL SPECIFICATIONS

Dimensions and Weight

Length	Width	Height	Weight
40.9 in (1040 mm)	2.6 in (67 mm)	7.4 in (188 mm)	10.2 lbs (4.7 kg)

Note: Dimensions in inches rounded to the nearest decimal digit.

Power

Power Supply Type	Range	Voltage Selection
Switching (internal)	100~240 V, 50/60 Hz	Auto-ranging

Parameter	120 V, 60 Hz	230 V, 50 Hz
Consumption	113 W	117 W
Operating	1.0 A	0.5 A
Power linking current (units)	8 A (8 units)	8 A (15 units)
Fuse	T 2 A, 250 V	T 2 A, 250 V

Power I/O	US/Worldwide	UK/Europe
Power input connector	IEC	IEC
Power output connector	Edison	IEC
Power Cord plug	Edison (US)	Local plug

Light Source

Type	Power	Lifespan
LED	3 W	50,000 hours

Color	Quantity	Current
Tri-color	12	350 mA

Photo Optic

Parameter	
Illuminance @ 2 m	2321 lx
Beam angle	20º
Field angle	34º
Tilt angle	0–270º

Thermal

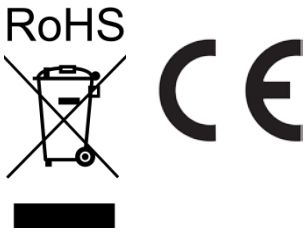
Maximum External Temp.	Cooling System
104° F (40° C)	Convection

DMX

I/O Connectors	Connector Type	Channel Range
3- and 5-pin XLR	Sockets	5, 6, 8, 10, 11, 14, 20, 38 or 42

Ordering

Product Name	Item Code	UPC Number
COLORband™ PiX-M	03030665	781462210137



To return a product or request support:

- In the U.S., contact CHAUVET® World Headquarters (see below).
- In the UK or Ireland, contact CHAUVET® Europe Ltd. (see below).
- In any other country, DO NOT contact CHAUVET®. Contact your distributor. See www.chauvetlighting.com for distributors outside the U.S., United Kingdom, or Ireland.

If you live outside the U.S., United Kingdom, or Ireland, contact your distributor of record and follow their instructions on how to return CHAUVET® products to them. Visit our website for contact details.

Returns

Call the corresponding CHAUVET® Technical Support office and request a Return Merchandise Authorization (RMA) number before shipping the product. Be prepared to provide the model number, serial number, and a brief description of the cause for the return.

You must send the merchandise prepaid, in its original box, and with its original packing and accessories. CHAUVET® will not issue call tags.

Clearly label the package with the RMA number. CHAUVET® will refuse any product returned without an RMA number.

Write the RMA number on a properly affixed label. DO NOT write the RMA number directly on the box.

Before sending the product, clearly write the following information on a piece of paper and place it inside the box:

- Your name
- Your address
- Your phone number
- RMA number
- A brief description of the problem

Be sure to pack the product properly. Any shipping damage resulting from inadequate packaging will be your responsibility. FedEx packing or double-boxing are recommended.

CHAUVET® reserves the right to use its own discretion to repair or replace returned product(s).

Contact Us

World Headquarters
CHAUVET®
General Information
Address: 5200 NW 108th Avenue
Sunrise, FL 33351
Voice: (954) 577-4455
Fax: (954) 929-5560
Toll free: (800) 762-1084

Technical Support
Voice: (954) 577-4455 (Press **4**)
Fax: (954) 756-8015
Email: tech@chauvetlighting.com

World Wide Web
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