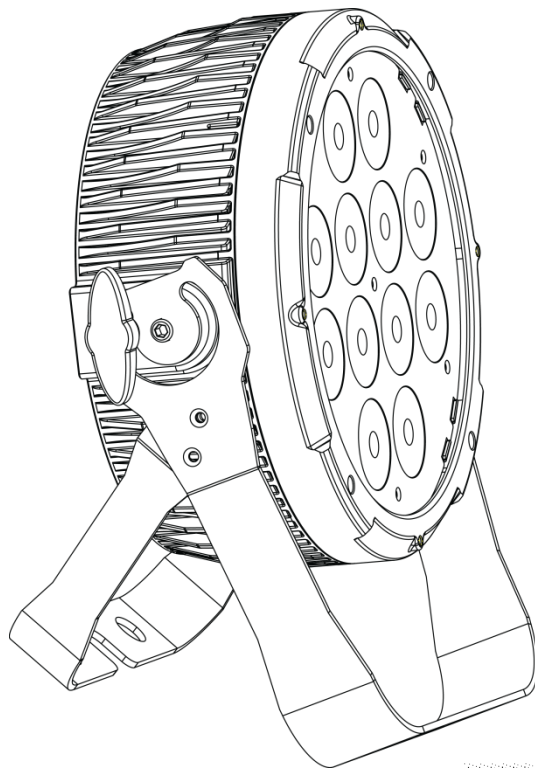


COLORdash™ Par-Hex 12

Quick Reference Guide

English EN



CHAUVET
PROFESSIONAL
It's
Green Thinking.

About this Guide

The COLORdash™ Par-Hex 12 Quick Reference Guide (QRG) has basic product information such as connection, mounting, menu options, and DMX values. Download the User Manual from www.chauvetlighting.com for more details.

Disclaimer

The information and specifications contained in this QRG are subject to change without notice.

Safety Notes

- DO NOT open this product. It contains no user-serviceable parts.
- DO NOT look at the light source when the product is on.
- CAUTION: This product’s housing may be hot when lights are operating.
- Mount this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- DO NOT leave any flammable material within 50 cm of this product while operating or connected to power.
- USE a safety cable when mounting this product overhead.
- DO NOT operate this product outdoors or in any location where dust, excessive heat, water, or humidity may affect it.
- DO NOT operate this product if the housing, lenses, or cables appear damaged.
- DO NOT connect this product to a dimmer or rheostat.
- ONLY connect this product to a grounded and protected circuit.
- ONLY use the hanging/mounting bracket to carry this product.
- In the event of a serious operating problem, stop using immediately.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate this product at higher temperatures.

Contact

Outside the U.S., United Kingdom, Ireland, or Mexico, contact your distributor to request support or return a product. Visit www.chauvetlighting.com for contact information.

What is Included

- COLORdash™ Par-Hex 12
- Power Input Cord
- Safety Cable
- Warranty Card
- Quick Reference Guide

AC Power

This product has an auto-ranging power supply that can work with an input voltage range of 100~240 VAC, 50/60 Hz.

Power Linking

You can link up to seventeen COLORdash™ Par-Hex 12 products at 120 V or thirty products at 230 V. Never exceed this number. Power linking cords can be purchased separately.

AC Plug

Connection	Wire (U.S.)	Wire (Europe)	Screw Color
AC Live	Black	Brown	Yellow/Brass
AC Neutral	White	Blue	Silver
AC Ground	Green/Yellow	Green/Yellow	Green

Fuse Replacement

1. Disconnect this product from power.
2. Using a flat-head screwdriver, unscrew the fuse holder cap from the housing.
3. Remove blown fuse and replace with a good fuse of the same type and rating.
4. Screw the fuse holder cap back in place and reconnect power.

DMX Linking

The COLORdash™ Par-Hex 12 will work with a DMX controller using a regular DMX serial connection. A DMX Primer is available from www.chauvetpro.com.

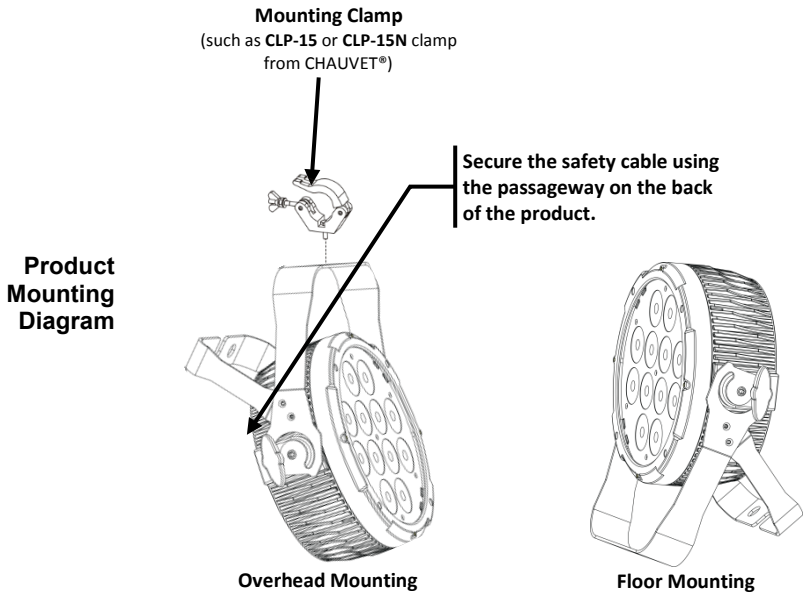
DMX Connection

The COLORdash™ Par-Hex 12 uses a regular DMX data connection for its DMX personalities: **6 Ch**, **8 Ch**, **12 Ch**, **13Ch**, **HSV**, and **HSI**. See the User Manual to connect and configure for DMX operation.

Master/Slave Connection

The COLORdash™ Par-Hex 12 uses the DMX data connection for its Master/Slave mode. See the User Manual to connect and configure for Master/Slave operation.

Mounting



Control Panel Description

Button	Function
<MENU>	Exits from the current menu or function
<ENTER>	Enables the currently displayed menu or sets the currently selected value into the selected function
<UP>	Navigates upwards through the menu list and increases the numeric value when in a function
<DOWN>	Navigates downwards through the menu list and decreases the numeric value when in a function

Menu Options

Main Level	Programming Levels		Description
Auto	Auto 0-4	Speed 0-100	
Static	Fix C	R	Automatic programs Red
		G	Green
		B	Blue
		A	Amber
		W	White
		P	Ultraviolet (UV)
		RG	Red/Green
		RB	Red/Blue
		RA	Red/Amber
		RW	Red/White
		RP	Red/UV
		GB	Green/Blue
		GA	Green/Amber
		GW	Green/White
		GP	Green/UV
		BA	Blue/Amber
		BW	Blue/White
		BP	Blue/UV
		AW	Amber/White
		AP	Amber/UV
		WP	White/UV
		RGB	Red/Green/Blue
		RGA	Red/Green/Amber
		RGW	Red/Green/White
		RGP	Red/Green/UV
		RBA	Red/Blue/Amber
		RBW	Red/Blue/White
		RBP	Red/Blue/UV
		RAW	Red/Amber/White
		RAP	Red/Amber/UV
		RWP	Red/White/UV
		GBA	Green/Blue/Amber
		GBW	Green/Blue/White
		GBP	Green/Blue/UV
		BAW	Blue/Amber/White
		BAP	Blue/Amber/UV
		AWP	Amber/White/UV
		BWP	Blue/White/UV
		GAW	Green/Amber/White
		GAP	Green/Amber/UV
GWP	Green/White/UV		
RGBA	Red/Green/Blue/Amber		
RGBW	Red/Green/Blue/White		
RGBP	Red/Green/Blue/UV		
RGAW	Red/Green/Amber/White		
RGAP	Red/Green/Amber/UV		
RGWP	Red/Green/White/UV		
RBAW	Red/Blue/Amber/White		
RBAP	Red/Blue/Amber/UV		

Menu Options (cont.)

Main Level	Programming Levels			Description
Static (cont.)	Fix C (cont.)	RBWP		Red/Blue/White/UV
		RAWP		Red/Amber/White/UV
		GBAW		Green/Blue/Amber/White
		GBAP		Green/Blue/Amber/UV
		GBWP		Green/Blue/White/UV
		GAWP		Green/Amber/White/UV
		BAWP		Blue/Amber/White/UV
		RGBAW		Red/Green/Blue/Amber/White
		RGBAP		Red/Green/Blue/Amber/UV
		RGBWP		Red/Green/Blue/White/UV
		RGAWP		Red/Green/Amber/White/UV
		RBAWP		Red/Blue/Amber/White/UV
		GBAWP		Green/Blue/Amber/White/UV
	RGBAWP		Red/Green/Blue/Amber/White/UV	
	Manu C	R	Value	0–255
G				
B				
A				
W				
P				
Dim Mode	Off			No dimmer
	DIM 1–3			Dimming curves
BackLite	10S			Turns off display backlight after 10 sec of inactivity
	20S			Turns off display backlight after 20 sec of inactivity
	30S			Turns off display backlight after 30 sec of inactivity
	On			Display backlight always on
	Auto			Turns on all LEDs in sequence for testing
Info	Test			Shows total product hours
	FixHours			Shows installed software version
	Version			Shows total product hours
Address	001–512			Selects DMX address (highest channel restricted to personality chosen)
Channel	6 Ch			6-channel: RGBAW+UV control
	8 Ch			8-channel: RGBAW+UV control and dimmer
	12Ch			12-channel: RGBAW+UV control, dimmer, strobe, color macro/white balance, auto programs, auto speed, dimmer speed
	13Ch			13-channel: RGBAW+UV pixel control, 8-bit, 16-bit, dimmer speed
	HSV			HSV: hue, saturation, value control
	HSI			HSI: hue, saturation, intensity control
M&S Mode	Master			DMX mode
	Slave			Slave mode
White Balance	R	Value	125–255	Sets red LED maximum value
	G			Sets green LED maximum value
	B			Sets blue LED maximum value
Temp	XX° C			Shows product's temperature (°C)

DMX Values

HSV	Channel	Function	Value	Percent/Setting
	1	Hue	000 ⇔ 255	0–100%
	2	Saturation	000 ⇔ 255	0–100%
	3	Value	000 ⇔ 255	0–100%

HSI	Channel	Function	Value	Percent/Setting
	1	Hue	000 ⇔ 255	0–100%
	2	Saturation	000 ⇔ 255	0–100%
	3	Intensity	000 ⇔ 255	0–100%

6 Ch	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%

8 Ch	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇔ 255	0–100%
	2	Red	000 ⇔ 255	0–100%
	3	Green	000 ⇔ 255	0–100%
	4	Blue	000 ⇔ 255	0–100%
	5	Amber	000 ⇔ 255	0–100%
	6	White	000 ⇔ 255	0–100%
	7	UV	000 ⇔ 255	0–100%
	8	Strobe	000 ⇔ 010 000 ⇔ 255	No function Slow to fast

13Ch	Channel	Function	Value	Percent/Setting
	1	Red - H (8-bit)	000 ⇔ 255	0–100%
	2	Red - L (16-bit)	000 ⇔ 255	0–100%
	3	Green - H (8-bit)	000 ⇔ 255	0–100%
	4	Green - L (16-bit)	000 ⇔ 255	0–100%
	5	Blue - H (8-bit)	000 ⇔ 255	0–100%
	6	Blue - L (16-bit)	000 ⇔ 255	0–100%
	7	Amber - H (8-bit)	000 ⇔ 255	0–100%
	8	Amber - L (16-bit)	000 ⇔ 255	0–100%
	9	White - H (8-bit)	000 ⇔ 255	0–100%
	10	White - L (16-bit)	000 ⇔ 255	0–100%
	11	UV - H (8-bit)	000 ⇔ 255	0–100%
	12	UV - L (16-bit)	000 ⇔ 255	0–100%
	13	Dimmer Speed	000 ⇔ 051 052 ⇔ 101 102 ⇔ 152 153 ⇔ 203 204 ⇔ 255	Preset dimmer speed from display menu Dimming curve off (linear dimmer) Nonlinear dimming curve 1 (fastest) Nonlinear dimming curve 2 Nonlinear dimming curve 3 (slowest)

DMX Values (cont.)

12Ch	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ⇔ 255	0–100%
	2	Red	000 ⇔ 255	0–100%
	3	Green	000 ⇔ 255	0–100%
	4	Blue	000 ⇔ 255	0–100%
	5	Amber	000 ⇔ 255	0–100%
	6	White	000 ⇔ 255	0–100%
	7	UV	000 ⇔ 255	0–100%
	8	Strobe	000 ⇔ 010 011 ⇔ 255	No function Slow to fast
	9	Color Macro + White Balance	000 ⇔ 010 011 ⇔ 030 031 ⇔ 050 051 ⇔ 070 071 ⇔ 090 091 ⇔ 110 111 ⇔ 130 131 ⇔ 150 151 ⇔ 170 171 ⇔ 200 201 ⇔ 205 206 ⇔ 210 211 ⇔ 215 216 ⇔ 220 221 ⇔ 225 226 ⇔ 230 231 ⇔ 235 236 ⇔ 240 241 ⇔ 245 246 ⇔ 250 251 ⇔ 255	No function R: 100% G: 0–100% B: 0 R: 100%–0 G: 100% B: 0 R: 0 G: 100% B: 0–100% R: 0 G: 100%–0 B: 100% R: 0–100% G: 0 B: 100% R: 100% G: 0 B: 100%–0 R: 100% G: 0–100% B: 0–100% R: 100%–0 G: 100%–0 B: 100% R: 100% G: 100% B: 100% A: 100% White 1 White 2 White 3 White 4 White 5 White 6 White 7 White 8 White 9 White 10 White 11
	10	Auto Programs	000 ⇔ 010 011 ⇔ 060 061 ⇔ 120 121 ⇔ 180 181 ⇔ 240 241 ⇔ 255	No function Auto program 1 Auto program 2 Auto program 3 Auto program 4 Auto program 0 (Auto 1–12)
	11	Auto Speed	000 ⇔ 255	Slow to fast
	12	Dimmer Speed	000 ⇔ 051 052 ⇔ 101 102 ⇔ 152 153 ⇔ 203 204 ⇔ 255	Preset dimmer speed from display menu Dimming curve off (linear dimmer) Nonlinear dimming curve 1 (fastest) Nonlinear dimming curve 2 Nonlinear dimming curve 3 (slowest)

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

www.chauvetlighting.com

UNITED KINGDOM AND IRELAND - CHAUVET® Europe Ltd.

General Information

Address: Unit 1C
 Brookhill Road Industrial Estate
 Pinxton, Nottingham, UK
 NG16 6NT
 Voice: +44 (0)1773 511115
 Fax: +44 (0)1773 511110

Technical Support

Email: uktech@chauvetlighting.com

World Wide Web

www.chauvetlighting.co.uk

MEXICO - CHAUVET® Mexico

General Information

Address: Av. Santa Ana 30
 Parque Industrial Lerma
 Lerma, Mexico C.P. 52000
 Voice: +52 (728) 285-5000

Technical Support

Email: servicio@chauvet.com.mx

World Wide Web

www.chauvet.com.mx

Outside the U.S., United Kingdom, Ireland, or Mexico, contact your dealer. Follow their instructions to request support or to return a product. Visit our website for contact details.