

Contact Us

World Headquarters

CHAUVET®

General Information

Address: 5200 NW 108th Avenue
Sunrise, FL 33351
Voice: (954) 929-1115
Fax: (954) 929-5560
Toll free: (800) 762-1084

Technical Support

Voice: (954) 929-1115 (Press 4)
Fax: (954) 756-8015

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
Email: uktech@chauvetlighting.com

World Wide Web

www.chauvetlighting.co.uk

COLORado™ Batten 144 Tour QRG – Rev. 02c

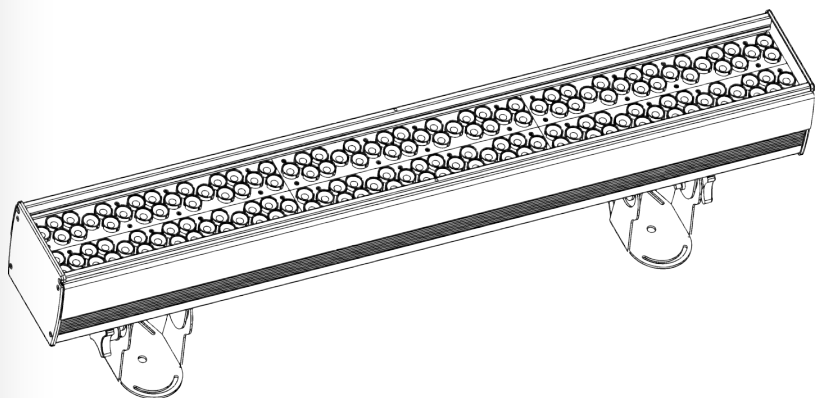
© Copyright 2011 CHAUVET®

All rights reserved

Printed in the P. R. C.

COLORADO™ BATTEN 144 TOUR

Quick Reference Guide



CHAUVET®

It's Green Thinking

About this Guide

The COLORado™ Batten 144 Tour Quick Reference Guide (QRG) only contains the product's connection and mounting information as well as the menu options and the DMX values.

Disclaimer

- This Quick Reference Guide DOES NOT replace the product's user manual, which you can download from the CHAUVET® Web site (www.chauvetlighting.com).
- You must read ALL the disclaimers and safety notes in this document as well as those in the product's user manual before installing, operating, or maintaining this product.

Safety Notes

- DO NOT open this fixture unless instructed. It contains no user serviceable parts.
- DO NOT look at the light source when this fixture is on.
- DO NOT touch the fixture when it is operating because it could be hot.
- DO NOT cover the ventilation slots when the fixture is operating to avoid internal overheating.
- DO NOT install or operate this fixture where there is less than 50 cm to the nearest surface to allow adequate ventilation around it.
- DO NOT leave any flammable material within 50 cm from this fixture while operating or connected to the power outlet to minimize the risk of fire.
- DO NOT mount this fixture overhead without using a safety cable.
- DO NOT operate this fixture outdoors or in any location where dust, excessive heat, water, or humidity may affect it.
- DO NOT operate this fixture if you see damage on the housing, lenses, or cables. In any of these cases, have the damaged parts replaced by an authorized technician at once.
- DO NOT connect this fixture to a dimmer or rheostat.
- ONLY connect this fixture to a grounded and protected circuit.

What is Included

- One COLORado™ Batten 144 Tour
- One power input cord
- One glare shield
- One safety cable
- One Warranty Card
- One Quick Reference Guide

- Features**
- 3, 4, 5, 6, 7, 9, 12, or 15-channel DMX control
 - Operating modes
 - 3-channel: RGB control (ARC1)
 - 3-channel: Hue, saturation, value (HSV)
 - 4-channel: RGB, dimmer (ARC1+D)
 - 5-channel: RGBWA control (ARC3)
 - 6-channel: RGBWA, dimmer (ARC3+D)
 - 7-channel: RGBWA, dimmer, strobe (ARC+S)
 - 9-channel: Individual block RGB control (BLOCK1)
 - 12-channel: RGBWA, dimmer, dimmer speed, strobe, macro, auto/custom, and block select (TOUR)
 - 15-channel: Individual block RGBWA control (BLOCK2)
 - RGBWA color mixing with or without DMX controller
 - Built-in automated programs via DMX
 - User configurable programs (custom)
 - Recall custom or auto programs via master/slave or DMX

***Additional
Features***

- Five distinct dimming curves
- Power link: max three units @ 120 V
- LED display with lock-out feature
- Neutrik® powerCON® connectors
- 3- and 5-pin DMX input and output connectors
- Adjustable feet double as hanging bracket
- Color calibration

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 three (3) COLORado™ Batten 144 Tour units to this product at 120 VAC. Make sure to never exceed this number when linking this fixture.

- Fuse Replacement**
- 1) Disconnect the fixture from the power outlet.
 - 2) With a Phillips #2 head screwdriver, unscrew the fuse holder cap from its housing.
 - 3) Remove the blown fuse and replace it with a good fuse of the same type and rating.
 - 4) Screw the fuse holder cap back in its place and reconnect power.

DMX Linking The COLORado™ Batten 144 Tour can work with a DMX controller when linked using a regular DMX serial connection.

If you are not familiar with the DMX standard, please download the *DMX Primer* document from www.chauvetlighting.com.

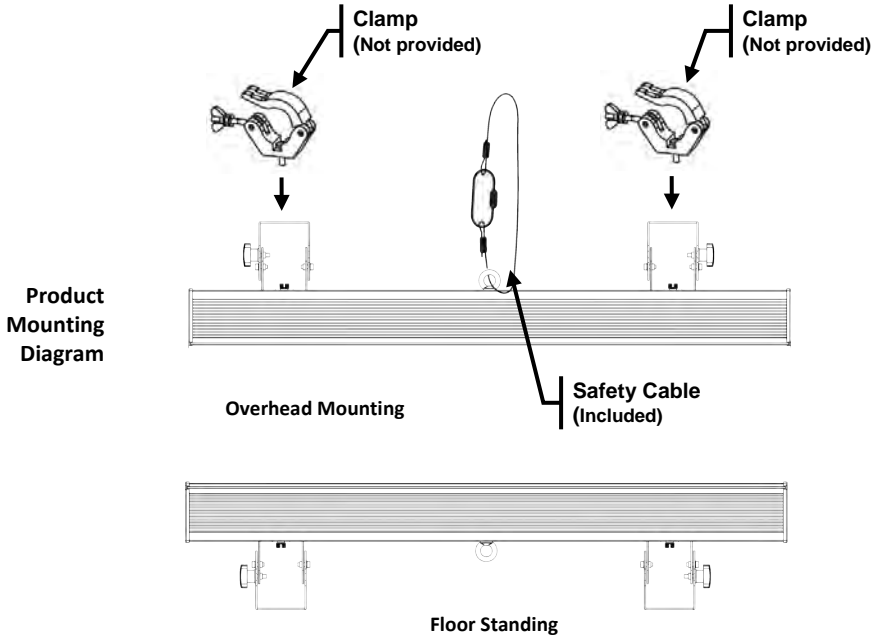
DMX Connection The COLORado™ Batten 144 Tour uses a regular DMX data connection for its DMX personalities, TOUR, BLOCK1, BLOCK2, ARC1, ARC1+D, ARC3, ARC3+D, ARC3+S, and HSV.

Download the COLORado™ Batten 144 Tour user manual and refer to the *Setup* chapter to learn how to connect this fixture for DMX operation, and the *Operation* chapter to learn in detail how to configure this fixture for DMX operation.

Master/Slave Connection The COLORado™ Batten 144 Tour uses the DMX data connection for its Master/Slave mode.

Download the COLORado™ Batten 144 Tour user manual and refer to the *Setup* chapter to learn how to connect this fixture for Master/Slave operation, and the *Operation* chapter to learn in detail how to configure this fixture for Master/Slave operation.

Mounting Before mounting this product, read the safety notes at the beginning of this guide and on page 2 of the product’s user manual. Then, follow the mounting procedure indicated in the Setup chapter of the user manual.



Lens Replacement The COLORado™ Batten 144 Tour comes with 15° and 30° lenses already installed. However, it is possible to change this configuration by using the optional 15° or 30° LED lens kits.

To learn how to change or replace the LED lenses, download the COLORado™ Batten 144 Tour User Manual and refer to the *Lens Replacement* section in the *Setup* chapter.

Glare Shield The COLORado™ Batten 144 Tour comes with a glare shield already mounted on the side of the unit.

To learn how to extend the glare shield, download the COLORado™ Batten 144 Tour User Manual and refer to the *Glare Shield* section in the *Setup* chapter.

Programming For details on how to program this product, please refer to the product’s user manual.

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

Password

After being prompted to enter the password, press:

<UP>, <DOWN>, <UP>, <DOWN>, and <ENTER>.

Start Address

To ensure full access to all channels in each DMX mode, the highest recommended DMX addresses are as follows:

Mode	Address	Mode	Address	Mode	Address
TOUR	501	ARC3	508	HSV	510
ARC1	510	ARC3+D	507	BLOCK1	504
ARC1+D	509	ARC3+S	506	BLOCK2	498

Menu Options

Main Level	Programming Levels		Description			
STATIC	RED	000~255	Combines Red, Green, Blue, White, and Amber to generate a custom color (0~100%)			
	GREEN					
	BLUE					
	WHITE					
	AMBER					
	STROBE	0~20	Strobe frequency (0~20 Hz)			
AUTO	AUTO	1~10	Choose from 10 automatic programs			
	CUSTOM		Choose from 10 customizable programs			
ADDRESS	001~512		Sets the DMX starting address			
RUN	DMX		Receives signals from DMX controller			
	SLAVE		Receives signals from Master unit			
PERSON	TOUR		12-channel: RGBWA, D, A/C, AS, DS, S			
	ARC1		3 channel: RGB			
	ARC1+D		4-channel: RGB, D			
	ARC3		5-channel: RGBWA			
	ARC3+D		6-channel: RGBWA, D			
	ARC3+S		7-channel: RGBWA, D, S			
	HSV		3 channel: HSV			
	BLOCK1		9-channel: RGB per block			
BLOCK2		15-channel: RGBWA per block				
SETTINGS	UPLOAD	Enter password	Transfers custom programs			
	RESET	Enter password	Defaults fixture			
	DIMMER	OFF		No dimmer		
		DIM1~4		Dimmer curve		
	COLOR	OFF		RGB set to "255"= max. output		
		RGB to W		RGB set to "255" = balanced white		
UC		Universal color balance				
EDIT	CUSTOM (01~10)	SCENE (01~30)	RED	000~255	Combines Red, Green, Blue, White, and Amber, as well as strobe and timers to create the scenes of a custom program	
			GRN			
			BLUE			
			WHIT			
			AMBE			
			STRB			0~20
			TIME			000~255
FADE						
CALIB1	WHITE 1~11		RED	000~255	Modifies the color macros used in channel 7 of the TOUR personality	
			GRN			
			BLUE			
			WHIT			
			AMBE			
CALIB2	RGBTOW		RED	000~255	Defines the color temperature used when COLOR is set to RGB to W .	
			GRN			
			BLUE			
FANS	OFF / LOW / HIGH / AUTO		Selects the fan speed			
KEYLOCK	ON/OFF		Turns the password on or off			

DMX Values (Style 1)

<i>TOUR</i>	Channel	Function	Value	Percent/Setting
	1	Master Dimmer	000 ⇔ 255	0~100%
	2	Red	000 ⇔ 255	0~100%
		Step Time		(Only if running Custom programs)
	3	Green	000 ⇔ 255	0~100%
		Fade Time		(Only if running Custom programs)
	4	Blue	000 ⇔ 255	0~100%
	5	White	000 ⇔ 255	0~100%
	6	Amber	000 ⇔ 255	0~100%
	7	Color Macro + White Balance	000 ⇔ 010	No function
			011 ⇔ 030	R: 100% G: Up B: 0%
			031 ⇔ 050	R: Down G: 100% B: 0%
			051 ⇔ 070	R: 0% G: 100% B: Up
			071 ⇔ 090	R: 0% G: Down B: 100%
			091 ⇔ 110	R: Up G: 0% B: 100%
			111 ⇔ 130	R: 100% G: 0% B: Down
			131 ⇔ 150	R: 100% G: Up B: Up
			151 ⇔ 170	R: Down G: Down B: 100%
			171 ⇔ 200	R / G / B / W / A: 100%
			201 ⇔ 205	White 1: 3200 K
			206 ⇔ 210	White 2: 3400 K
			211 ⇔ 215	White 3: 4200 K
			216 ⇔ 220	White 4: 4900 K
			221 ⇔ 225	White 5: 5600 K
			226 ⇔ 230	White 6: 5900 K
			231 ⇔ 235	White 7: 6500 K
	236 ⇔ 240	White 8: 7200 K		
	241 ⇔ 245	White 9: 8000 K		
	246 ⇔ 250	White 10: 8500 K		
	251 ⇔ 255	White 11: 10,000 K		
	8	Strobe	000 ⇔ 009	No function
			010 ⇔ 255	1~20 Hz
	9	Auto + Custom Programs + Fan Control	000 ⇔ 010	No function
			011 ⇔ 020	Fans Off (Hold for 3 s)
			021 ⇔ 025	Fans Low (Hold for 3 s)
			026 ⇔ 030	Fans High (Hold for 3 s)
			031 ⇔ 040	Fans Auto (Hold for 3 s)
			041 ⇔ 050	Auto 1
			051 ⇔ 060	Auto 2
			061 ⇔ 070	Auto 3
			071 ⇔ 080	Auto 4
			081 ⇔ 090	Auto 5
			091 ⇔ 100	Auto 6
			101 ⇔ 110	Auto 7
			111 ⇔ 120	Auto 8
			121 ⇔ 130	Auto 9
			131 ⇔ 140	Auto 10
			141 ⇔ 150	Custom 1
			151 ⇔ 160	Custom 2
	161 ⇔ 170	Custom 3		
	171 ⇔ 180	Custom 4		

Continues on the next page

Continued from previous page

**TOUR
(Cont.)**

Channel	Function	Value	Percent/Setting
9	Auto + Custom Programs + Fan Control (Cont.)	181 ⇔ 190	Custom 5
		191 ⇔ 200	Custom 6
		201 ⇔ 210	Custom 7
		211 ⇔ 220	Custom 8
		221 ⇔ 230	Custom 9
231 ⇔ 255	Custom 10		
10	Auto Speed	000 ⇔ 255	0~100%
11	Dimmer Speed	000 ⇔ 009	Dimmer speed as per Control Panel
		010 ⇔ 029	Linear dimmer
		030 ⇔ 069	Non-linear dimmer 1 (fastest)
		070 ⇔ 129	Non-linear dimmer 2
		130 ⇔ 189	Non-linear dimmer 3
190 ⇔ 255	Non-linear dimmer 4 (slowest)		
12	Block Selection	000 ⇔ 004	Blocks 1, 2, & 3
		005 ⇔ 034	Block 1
		035 ⇔ 064	Block 2
		065 ⇔ 094	Block 3
		095 ⇔ 124	Blocks 1 & 2
		125 ⇔ 154	Blocks 2 & 3
		155 ⇔ 184	Blocks 1 & 3
		185 ⇔ 214	Blocks 1, 2, & 3
215 ⇔ 255	No Function		

ARC1

Channel	Function	Value	Percent/Setting
1	Red	000 ⇄ 255	0~100%
2	Green	000 ⇄ 255	0~100%
3	Blue	000 ⇄ 255	0~100%

ARC1 + D

Channel	Function	Value	Percent/Setting
1	Master Dimmer	000 ⇄ 255	0~100%
2	Red	000 ⇄ 255	0~100%
3	Green	000 ⇄ 255	0~100%
4	Blue	000 ⇄ 255	0~100%

ARC3

Channel	Function	Value	Percent/Setting
1	Red	000 ⇄ 255	0~100%
2	Green	000 ⇄ 255	0~100%
3	Blue	000 ⇄ 255	0~100%
4	White	000 ⇄ 255	0~100%
5	Amber	000 ⇄ 255	0~100%

ARC3 + D

Channel	Function	Value	Percent/Setting
1	Master Dimmer	000 ⇄ 255	0~100%
2	Red	000 ⇄ 255	0~100%
3	Green	000 ⇄ 255	0~100%
4	Blue	000 ⇄ 255	0~100%
5	White	000 ⇄ 255	0~100%
6	Amber	000 ⇄ 255	0~100%

ARC3 + S

Channel	Function	Value	Percent/Setting
1	Master Dimmer	000 ⇄ 255	0~100%
2	Red	000 ⇄ 255	0~100%
3	Green	000 ⇄ 255	0~100%
4	Blue	000 ⇄ 255	0~100%
5	White	000 ⇄ 255	0~100%
6	Amber	000 ⇄ 255	0~100%
7	Strobe	000 ⇄ 009 010 ⇄ 255	No Function 0~20 Hz

BLOCK1

Channel	Function	Value	Percent/Setting
1	Block 1 Red	000 ⇔ 255	0~100%
2	Block 1 Green	000 ⇔ 255	0~100%
3	Block 1 Blue	000 ⇔ 255	0~100%
4	Block 2 Red	000 ⇔ 255	0~100%
5	Block 2 Green	000 ⇔ 255	0~100%
6	Block 2 Blue	000 ⇔ 255	0~100%
7	Block 3 Red	000 ⇔ 255	0~100%
8	Block 3 Green	000 ⇔ 255	0~100%
9	Block 3 Blue	000 ⇔ 255	0~100%

BLOCK2

Channel	Function	Value	Percent/Setting
1	Block 1 Red	000 ⇔ 255	0~100%
2	Block 1 Green	000 ⇔ 255	0~100%
3	Block 1 Blue	000 ⇔ 255	0~100%
4	Block 1 White	000 ⇔ 255	0~100%
5	Block 1 Amber	000 ⇔ 255	0~100%
6	Block 2 Red	000 ⇔ 255	0~100%
7	Block 2 Green	000 ⇔ 255	0~100%
8	Block 2 Blue	000 ⇔ 255	0~100%
9	Block 2 White	000 ⇔ 255	0~100%
10	Block 2 Amber	000 ⇔ 255	0~100%
11	Block 3 Red	000 ⇔ 255	0~100%
12	Block 3 Green	000 ⇔ 255	0~100%
13	Block 3 Blue	000 ⇔ 255	0~100%
14	Block 3 White	000 ⇔ 255	0~100%
15	Block 3 Amber	000 ⇔ 255	0~100%

HSV

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