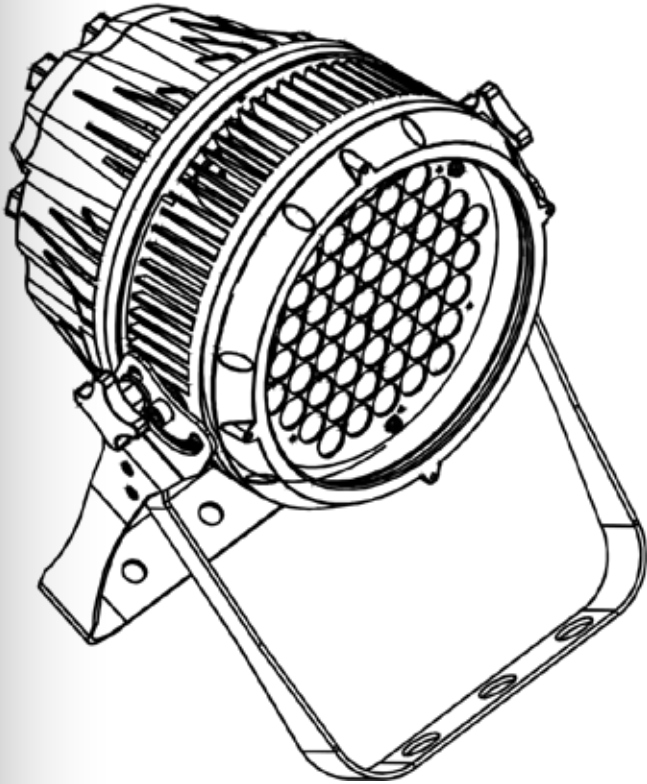


COLORADO™ 2 ZOOM TOUR

Quick Reference Guide



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About This Guide

The COLORado™ 2 Zoom Tour Quick Reference Guide (QRG) contains the product’s connection and mounting information, as well as the menu options and the DMX values.

Disclaimer

- Refer to this product’s User Manual for detailed information and instructions. You can download the User Manual from the CHAUVET® website: www.chauvetpro.com.
- 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 product unless instructed. It contains no user serviceable parts.
- DO NOT aim this product toward any surface closer than 16 feet (5 m). You may damage or overheat the illuminated surface.
- DO NOT aim this product toward the Sun. The lenses could concentrate the solar energy and cause internal overheating.
- DO NOT look at the light source when this product is on.
- DO NOT touch the product when it is operating because it may be very hot.
- DO NOT cover the ventilation slots when the product is operating to avoid internal overheating.
- DO NOT install or operate this product 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 product while operating or connected to the power outlet to minimize the risk of fire.
- DO NOT mount this product overhead without using a safety cable.
- 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 you see damage on the housing, lenses, or cables. In any of these cases, have the damaged parts replaced by an authorized technician immediately.
- DO NOT connect this product to a dimmer or rheostat.
- ONLY connect this product to a grounded and protected circuit.

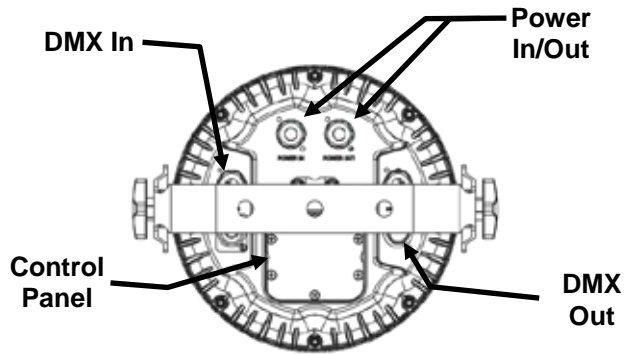
What Is Included

- One COLORado™ 2 Zoom Tour
- One Gel Frame
- One NEUTRIK® powerCON® to Edison Plug Power Input Cord
- One Warranty Card
- One Quick Reference Guide
- One Accessory Holder

- Features**
- 3, 4, 5, 6, or 12-channel DMX control
 - Operating modes
 - 3-channel: RGB
 - 3-channel: HSV
 - 4-channel: RGB, dimmer
 - 4-channel: RGBW
 - 5-channel: RGBW, dimmer
 - 6-channel: RGBW, dimmer, strobe
 - 12-channel: RGBW, dimmer, color macro, strobe, auto/custom programs, auto speed, dimmer speed, zoom, zoom reset
 - RGBW color mixing with or without DMX control
 - Zoom control with or without DMX control
 - Built-in automated programs via master/slave or DMX
 - Recall custom programs via master/slave or DMX
 - Five distinct dimming curves
 - RGBW LEDs
 - Electronic dimmer
 - Color macros with speed adjustment included
 - Electronic power supply
 - NEUTRIK® powerCON® connectors
 - 3- and 5-pin DMX input and output connectors
 - Additional power output: max 7 units @ 120 VAC
 - LED display with password protection
 - Gel frame holder (4 mm max. thickness)
 - Double-bracketed yoke doubles as a floor stand
 - Color calibration
 - Flicker-free operation for HD video

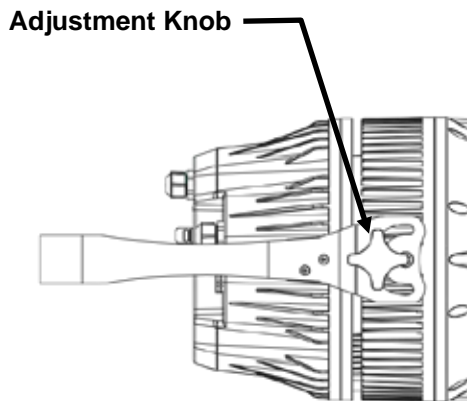
Product Description

The COLORado™ 2 Zoom Tour is an RGBW LED wash product. A single module houses the internal power supply, the control panel, the LED drivers, the LED boards, and motorized moving lenses, as well as the power and signal connectors. The COLORado™ 2 Zoom Tour features a variable zoom enabling you to change the beam angle via DMX or control panel. One mounting bracket doubles as a floor mount or a hanging support bracket.



Rear View

Product Overview



Side View

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

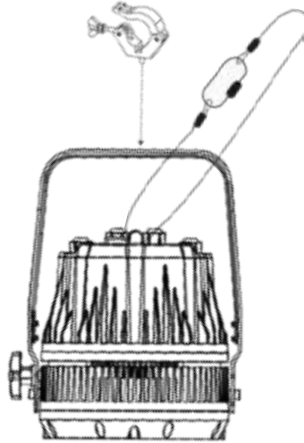
Power Linking You can link up to 7 COLORado™ 2 Zoom Tour products at 120 VAC, 60Hz or 15 products at 230VAC, 50Hz. Never exceed this number.

DMX Linking The COLORado™ 2 Zoom Tour can work with a DMX controller when linked using a regular DMX serial connection. If you are not familiar with the DMX standard, download the DMX Primer from www.chauvetpro.com.

DMX Connection The COLORado™ 2 Zoom Tour uses a regular DMX data connection for DMX personalities, **TOUR**, **ARC.1**, **AR1.D**, **ARC.2**, **AR2.D**, **AR2.S**, and **HSV**. Download the COLORado™ 2 Zoom Tour User Manual. Refer to the Setup chapter to learn how to connect this product for DMX operation. To learn how to configure this product for DMX operation, refer to the Operation chapter.

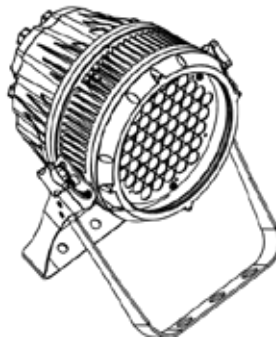
Master/Slave Connection The COLORado™ 2 Zoom Tour uses the DMX data connection for Master/Slave mode. Download the COLORado™ 2 Zoom Tour User Manual. Refer to the Setup and Operation chapters to learn how to connect and configure this product for Master/Slave operation.

Mounting Before mounting this product, read the Safety Notes at the beginning of this Guide and in the product's User Manual. Then, follow the mounting procedure indicated in the Setup chapter of the User Manual.



Overhead Mounting

Product
Mounting
Diagram



Floor Mounting

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	ARC.2	509	HSV	510
ARC.1	510	AR2.D	508		
AR1.D	509	AR2.S	507		

Menu Options

Main Level	Programming Levels		Description
STAT	R.	000~255	Combines Red, Green, Blue, and White to generate a custom color (0~100%)
	G.		
	B.		
	W.		
	Z.	00~20	Changes the beam angle
S.	Strobe frequency (0~20 Hz)		
AUTO	AT.01~10		Choose from 10 automatic programs
	PR.C1~10		Choose from 10 customizable programs
DMX	001~512		Sets the DMX starting address
RUN	DMX		Receives signals from DMX controller
	SLAV		Receives signals from Master unit
PERS	TOUR		12-channel: RGBW, D, A/C, AS, DS, Macro, S, Z, ZR
	ARC.1		3 channel: RGB
	AR1.D		4-channel: RGB, D
	ARC.2		4-channel: RGBW
	AR2.D		5-channel: RGBW, D
	AR2.S		6-channel: RGBW, D, S
	HSV		3 channel: HSV

Main Level	Programming Levels				Description			
SET	UPLD		Enter password		Transfers custom programs			
	REST		Enter password		Defaults fixture			
	DIM	OFF		No dimmer				
		DIM1~4		Dimmer curve				
	DERR	BLAC		All LED's turn off when DMX signal is lost				
		SAVE		All LED's stay on the last command used when the DMX signal is lost.				
	COLR	OFF		RGB set to "255" = max. output				
		RGBW		RGB set to "255" = balanced white				
		UC		Universal color balance				
	ZOOM	BASE		Sets default zoom position (full movement)				
POS.1		Sets position 1 setting for zoom limit						
POS.2		Sets position 2 setting for zoom limit						
EDIT	PR. (C1~10)	SC. (01~30)	R.	000~255	Combines Red, Green, Blue, White, and Zoom, as well as strobe and timers to create the scenes of a custom program			
			G.					
			B.					
			W.					
			Z.					
			S.	00~20				
			T.	000~255				
F.								
KEY	ON/OFF				Turns the password on or off			
CAL	PASS (Enter pass word)	CAL	WT	WH 1~11	R.	000~255	Modifies the color macros used in channel 6 of the TOUR personality	
					G.			
			B.					
			RGB W	RGB .W	R.	000~255		Defines the color temperature used when COLOR is set to RGB to W
					G.			
					B.			
			ZOOM	POS.1	000~255	Sets min/max position of zoom		
POS.2								

DMX Values

Tour	Channel	Function	Value	Percent/Setting
	1	Dimmer	000 ∘ 255	0~100%
	2	Red	000 ∘ 255	0~100%
		Step Time		When CUS. 01-10 in CH. 8 is activated
	3	Green	000 ∘ 255	0~100%
		Step Time		When CUS. 01-10 in CH. 8 is activated
	4	Blue	000 ∘ 255	0~100%
	5	White	000 ∘ 255	0~100%
	6	Color Macro + White Balance	000 ∘ 010	No Function
			011 ∘ 030	R: 100% G: 0~100% B: 0%
			031 ∘ 050	R: 100~0% G: 100% B: 0%
			051 ∘ 070	R: 0% G: 100% B: 0~100%
			071 ∘ 090	R: 0% G: 100~0% B: 100%
			091 ∘ 110	R: 0~100% G: 0% B: 100%
			111 ∘ 130	R: 100% G: 0% B: 100~0%
			131 ∘ 150	R: 100% G: 0~100% B: 0~100%
			151 ∘ 170	R: 100~0% G: 100~0% B: 100%
			171 ∘ 200	R: 100% G: 100% B: 100% W: 100%
			201 ∘ 205	White 1: 3,200 K
			206 ∘ 210	White 2: 3,400 K
			211 ∘ 215	White 3: 4,200 K
			216 ∘ 220	White 4: 4,900 K
			221 ∘ 225	White 5: 5,600 K
			226 ∘ 230	White 6: 5,900 K
			231 ∘ 235	White 7: 6,500 K
	236 ∘ 240	White 8: 7,200 K		
	241 ∘ 245	White 9: 8,000 K		
	246 ∘ 250	White 10: 8,500 K		
	250 ∘ 255	White 10: 10,000 K		
	7	Strobe	000 ∘ 009	No Function
			010 ∘ 255	0~20 Hz
	8	Auto + Custom Programs	000 ∘ 040	No function
			041 ∘ 049	Auto 1
			050 ∘ 059	Auto 2
			060 ∘ 069	Auto 3
			070 ∘ 079	Auto 4
			080 ∘ 089	Auto 5
			090 ∘ 099	Auto 6
			100 ∘ 109	Auto 7
			110 ∘ 119	Auto 8
			120 ∘ 129	Auto 9
			130 ∘ 139	Auto 10
			140 ∘ 149	Custom 1
			150 ∘ 159	Custom 2
			160 ∘ 169	Custom 3
			170 ∘ 179	Custom 4
			180 ∘ 189	Custom 5
			190 ∘ 199	Custom 6
	200 ∘ 209	Custom 7		

Continues on the next page

Tour (Cont.)	Channel	Function	Value	Percent/Setting
8 (Cont.)		Auto + Custom Programs	210 ◊ 219	Custom 8
			220 ◊ 229	Custom 9
			230 ◊ 255	Custom 10
9		Auto Speed	000 ◊ 255	Only when CH. 8 is 041~139
10		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)			
11		Zoom	000 ◊ 255	0~100%
12		Zoom Reset	000 ◊ 200	No function
			201 ◊ 220	Zoom reset
			221 ◊ 255	No function

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

AR1.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%

ARC.2	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%

AR2.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%

AR2.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	Strobe	000 ◊ 009 010 ◊ 255	No Function 0~20 Hz

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

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
Email: tech@chauvetlighting.com

World Wide Web

www.chauvetpro.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

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

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