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

COLORado™ 2 Zoom Tour QRG – Rev. 08

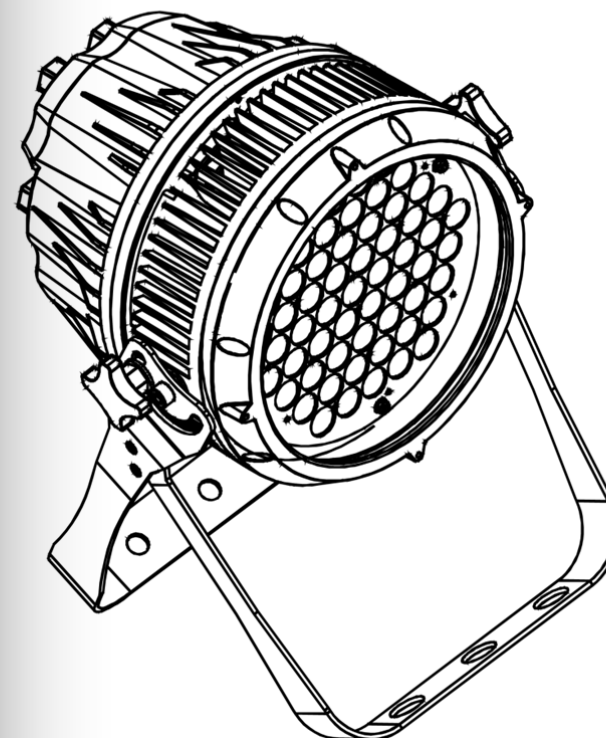
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Quick Reference Guide



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

ARC2 + 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%

Tour (Cont.)	Channel	Function	Value	Percent/Setting
	8 (Cont.)	Auto + Custom Programs	210 ⇄ 219 220 ⇄ 229 230 ⇄ 255	Custom 8 Custom 9 Custom 10
	9	Auto Speed	000 ⇄ 255	Only when CH. 8 is 041~139
	10	Dimmer Speed	000 ⇄ 009 010 ⇄ 029 030 ⇄ 069 070 ⇄ 129 130 ⇄ 189 190 ⇄ 255	Dimmer speed as per Control Panel Linear dimmer Non-linear dimmer 1 (fastest) Non-linear dimmer 2 Non-linear dimmer 3 Non-linear dimmer 4 (slowest)
	11	Zoom	000 ⇄ 255	0~100%
	12	Zoom Reset	000 ⇄ 200 201 ⇄ 220 221 ⇄ 255	No function Zoom reset 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%

ARC2	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%

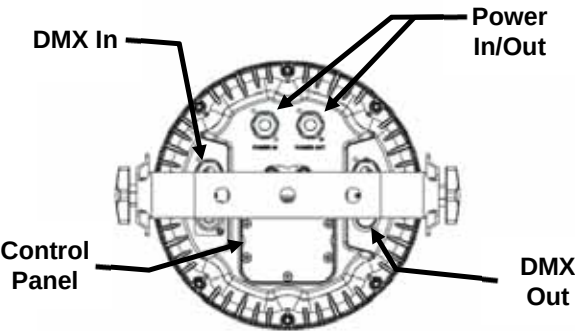
ARC2 + D	Channel	Function	Value	Percent/Setting
	1	Master Dimmer	000 ⇄ 255	0~100%
	2	Red	000 ⇄ 255	0~100%
	3	Green	000 ⇄ 255	0~100%
	4	Blue	000 ⇄ 255	0~100%
	5	White	000 ⇄ 255	0~100%

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
- Color temperature presets (3,200 ~ 10,000 K)
- 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-pin and 5-pin DMX input and output connectors
- Additional power output: max 6 units @ 120 V
- LED display with password protection
- Gel frame holder (4 mm max. thickness)
- Double-bracket yoke doubles as a floor stand
- Color calibration
- Flicker free operation for HD Video

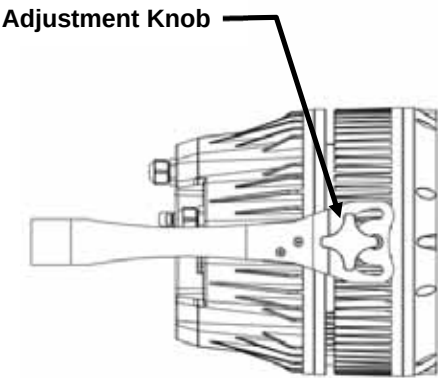
Product Description

The COLORado™ 2 Zoom Tour is a RGBW LED wash light. 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™ 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

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%
			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%
	6	Color Macro + White Balance	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
			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

Menu Options

Main Level	Programming Levels			Description		
STAT			000~255	Combines Red, Green, Blue, and White to generate a custom color (0~100%)		
				R.		
				G.		
				B.		
				W.		
			0~20	Changes the beam angle		
				Z.		
				S.		
AUTO			1~10	Strobe frequency (0~20 Hz)		
				AT.		
				Choose from 10 automatic programs		
DMX	001~512			Choose from 10 customizable programs		
RUN				Sets the DMX starting address		
	DMX			Receives signals from DMX controller		
PERS	SLAV			Receives signals from Master unit		
	TOUR			12-channel: RGBWA, D, A/C, AS, DS, Macro, S, Z, ZR		
	ARC1			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		
SET	UPLOAD		Enter password	Transfers custom programs		
	REST		Enter password	Defaults fixture		
	DIM		OFF	No dimmer		
			DIM1~4	Dimmer curve		
	DERR		BLAK	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			
EDIT	PR. (01~10)	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.	0~20		
			S.			
			T.	000~255		
			F.			
KEY	ON/OFF			Turns the password on or off		
CAL	PASS (Enter password)	WH 1~11	R.	000~255	Modifies the color macros used in channel 6 of the TOUR personality	
			G.			
			B.			
			W.			
		RGBW	R.	000~255	Defines the color temperature used when COLOR is set to RGB to W	
			G.			
		Zoom	B.			
			Pos1	000~255	Sets Min/Max position of zoom	
Pos2						

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 6 COLORado™ 2 Zoom Tour units at 120 VAC. Make sure to 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* document from www.chauvetpro.com.

DMX Connection

The COLORado™ 2 Zoom Tour uses a regular DMX data connection for DMX personalities, TOUR, ARC1, AR1 + D, ARC2, AR2 + D, AR2 + S, and HSV.

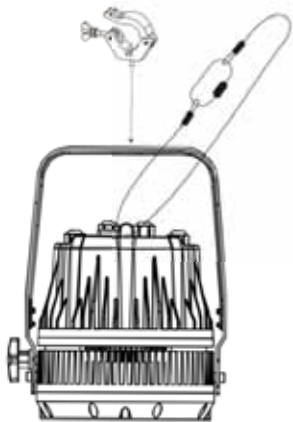
Download the *COLORado™ 2 Zoom Tour User Manual*. Refer to the *Setup* chapter to learn how to connect this product for DMX operation. To learn how to configure this product for DMX operation, refer to the *Operation* chapter.

Master/Slave Connection

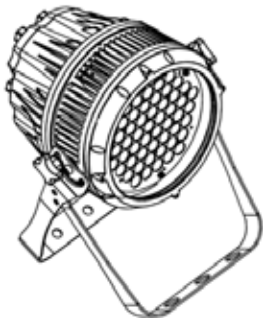
The COLORado™ 2 Zoom Tour uses the DMX data connection for Master/Slave mode.

Download the *COLORado™ 2 Zoom Tour User Manual*. Refer to the *Setup* chapter to learn how to connect this product for Master/Slave operation. To learn how to configure this product for Master/Slave operation, refer to the *Operation* chapter.

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



Floor Mounting

Product
Mounting
Diagram

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	ARC2	509	HSV	510
ARC1	510	AR2D	508		
AR1D	509	AR2S	507		