ROGUE OUTCAST 1 BEAM WASH M

User Manual

Model ID: ROGUEOUTCAST1BEAMWASHM

CHAUVET PROFESSIONAL

Edition Notes

The Rogue Outcast 1 BeamWash M User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the Rogue Outcast 1 BeamWash M as of the release date of this edition.

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Document Printing

For best results, print this document in color, on letter size paper (8.5 x 11 in), double-sided. If using A4 paper (210 x 297 mm), configure the printer to scale the content accordingly.

Intended Audience

Any person installing, operating, and/or maintaining this product should completely read through the guide that shipped with the product, as well as this manual, before installing, operating, or maintaining this product.

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Document Revision

Go to www.chauvetprofessional.com for the latest version.

Revision	Date	Description
1	04/2025	Initial release.

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1. Before You Begin

What Is Included

- Rogue Outcast 1 BeamWash M
- 2 Omega brackets with mounting hardware (2 Allen Key bolts)
- Display cover
- Quick Reference Guide

Claims

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition.

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 a 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
<ENTER>	A key to be pressed on the product's control panel

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.

Any reference to data or power connections in this manual assumes the use of Seetronic IP-rated cables.

The term "DMX" used throughout this manual refers to the USITT DMX512-A digital data transmission protocol.

Connection of the control signal: DMX line

- **The product has XLR sockets for DMX input and output.**
- **Notice: This control circuit is isolated and belongs to the Class 2 data port.**

The control circuit has a cumulative leakage current of less than 3.5 mA.

Safety Notes

Read all the following safety notes before working with this product. These notes contain important information about the installation, usage, and maintenance of this product.

This product contains no user-serviceable parts. Any reference to servicing in this User Manual will only apply to properly trained, certified technicians. Do not open the housing or attempt any repairs.

All applicable local codes and regulations apply to proper installation of this product.

- The luminaire is intended for professional use only.
- The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 18.04 ft (5.5 m) is not expected.
- If the external flexible cable or cord of this luminaire is damaged, it shall be replaced by a special cord or cord exclusively available from the manufacturer or its service agent.
- The light source contained in this luminaire shall only be replaced by the manufacturer or its service agent or a similar qualified person.
- **CAUTION:**
  - This product's housing may be hot when operating. Mount this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
  - When transferring the product from extreme temperature environments, (e.g., cold truck to warm humid ballroom) condensation may form on the internal electronics of the product. To avoid causing a failure, allow the product to fully acclimate to the surrounding environment before connecting it to power.
  - Flashing light is known to trigger epileptic seizures. User must comply with local laws regarding notification of strobe use.
- **ALWAYS:**
  - Disconnect from power before cleaning the product or replacing the fuse.
  - When using an IP65-rated product in an outdoor environment, use IP65- (or higher) rated power and data cable.
  - Replace and secure IP-rated protective covers to all power, data, USB, or other ports when not in use.
  - Replace the fuse with the same type and rating.
  - Use a safety cable when mounting this product overhead.
  - Connect this product to a grounded and protected circuit.
- **DO NOT:**
  - Open this product. It contains no user-serviceable parts.
  - Look at the light source when the product is on.
  - Leave any flammable material within 20 cm of this product while operating or connected to power.
  - Connect this product to a dimmer or rheostat.
  - Operate this product if the housing, lenses, or cables appear damaged.
  - Submerge this product (adhere to standards for the published IP rating). Regular outdoor operation is fine.
  - Permanently install outdoors in locations with extreme environmental conditions. This includes, but is not limited to:
    - Locations where normal temperatures exceed the temperature ranges in this manual.
    - Locations that are prone to flooding or being buried in snow.
    - Other areas where the product will be subject to extreme radiation or caustic substances.
  - Use for space-heating purposes.
- ONLY use the hanging/mounting bracket to carry this product.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate this product at higher temperatures.
- The minimum startup temperature is -4°F (-20°C). Do not start the product at lower temperatures.
- To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.
- In the event of a serious operating problem, stop using immediately.

If this Chauvet product requires service, contact Chauvet Technical Support.

FCC Statement of Compliance

This device complies with Part 15 Part B of the FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Expected LED Lifespan

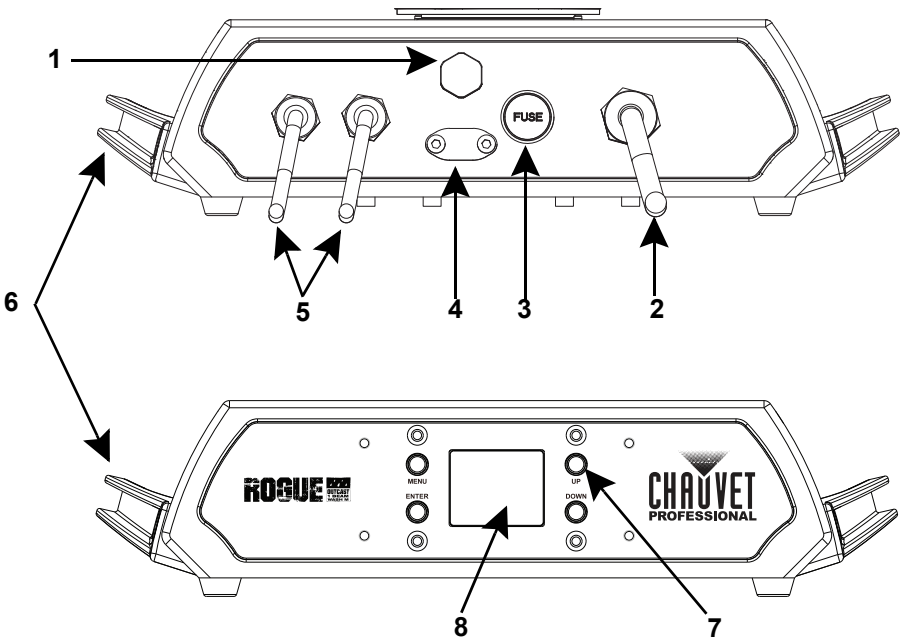
Over time, use and heat will gradually reduce LED brightness. Clustered LEDs produce more heat than single LEDs, contributing to shorter lifespans if always used at full intensity. The average LED lifespan is 40,000 to 50,000 hours. To extend LED lifespan, maintain proper ventilation around the product, and limit the overall intensity.

2. Introduction

Features

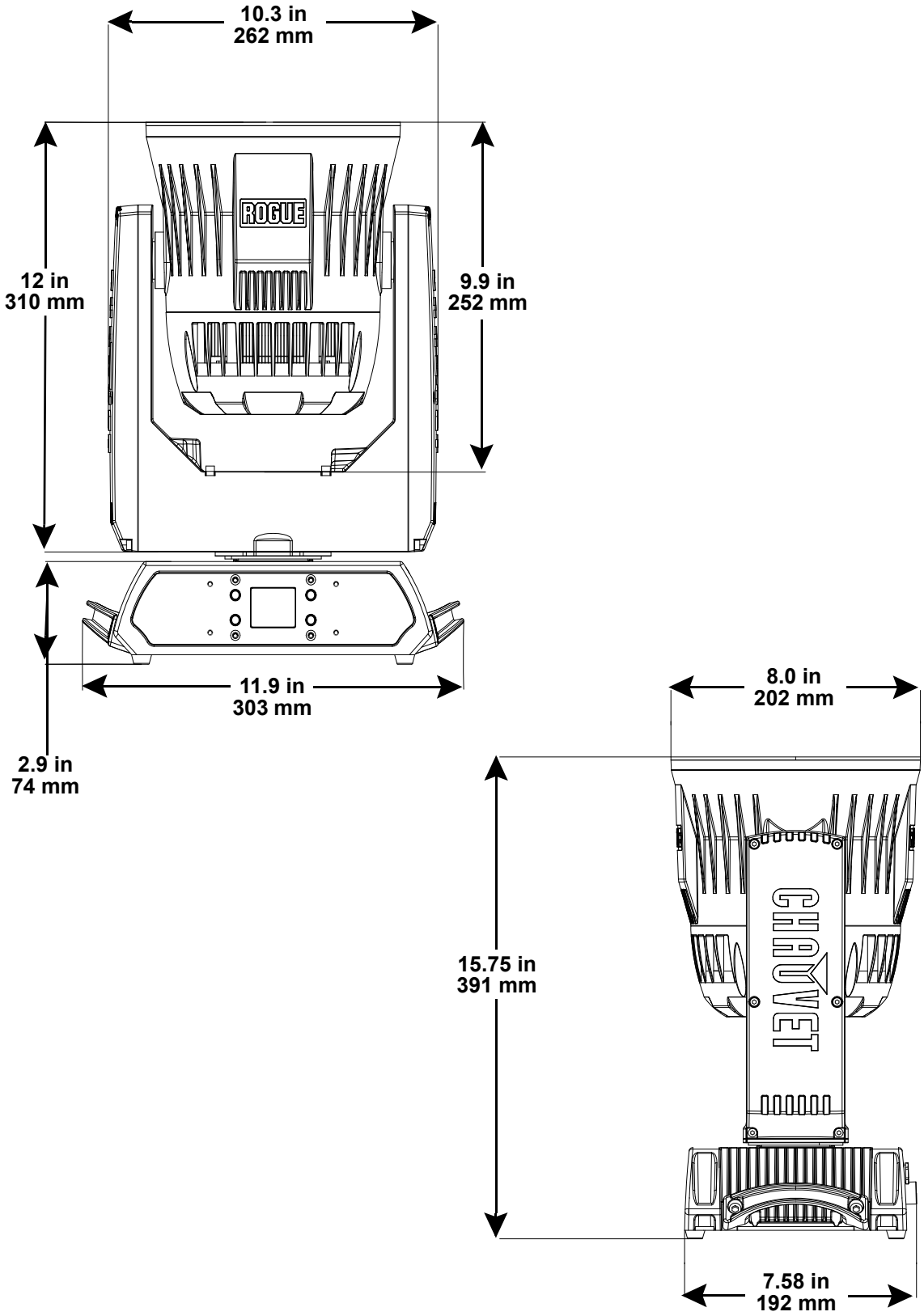
- Fully featured RGBW LED IP66-rated yoke wash fixture with zoom and RGB LED ring
- C5M Paint application process and full aluminum construction for extended outdoor usage in and near marine environments
- Included display cover for extended outdoor usage in and near marine environments
- Stainless steel gland nuts for extended outdoor usage in and near marine environments
- 16-bit dimming of master dimmer as well as individual colors for smooth control of fades
- 7 RGBW LEDs, 45 W each
- 12 zone pixel-mappable RGB LED outer ring under a stealth filter for added effect possibilities
- Pre-built programs for outer LED ring with the ability to easily control dimming, rate, foreground, and background colors
- Unique lens design for excellent color blending and tight beam effects
- Extremely fast, smooth pan and tilt movement
- RDM-enabled for remote addressing and trouble shooting
- Selectable PWM settings for camera operation
- Zoom Range: 3.9° to 55.3° for maximum coverage
- User selectable calibrated white for 7500 K at full output
- 6 distinct dimming modes for advanced control
- Easy-to-read OLED display with simple, effective menu options
- Simple and complex DMX channel profiles for programming versatility
- USB-C port for uploading software

Product Overview



#	Name	#	Name
1	Condensation valve	**5**	DMX in/out
2	Power input	**6**	Carry handles
3	Fuse	**7**	Menu buttons
4	USB-C port	**8**	LCD display

Product Dimensions



3. Setup

AC Power

The Rogue Outcast 1 BeamWash M has an auto-ranging power supply and it can work with an input voltage range of 100 to 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 (a circuit breaker or fuse). Ensure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.**
- **To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.**

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

AC Plug

The Rogue Outcast 1 BeamWash M comes with a termination-ready, bare-ended power input cable. If the power cable which came with the product has no plug, or if it is necessary to change the plug, use the table below to wire a plug.

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

Fuse Replacement

1. Disconnect this product from the power outlet.
2. Using a flat-head screwdriver, unscrew the fuse holder cap from the housing.
3. Remove the blown fuse and replace with another fuse of the same type and rating (8A, 250 V).
4. Screw the fuse holder cap back in place and reconnect power.

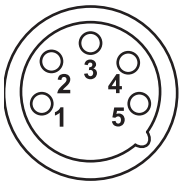
DMX Linking

The Rogue Outcast 1 BeamWash M can link to a DMX controller using a DMX connection. For more information about DMX, read the DMX primer at:
https://www.chauvetprofessional.com/wp-content/uploads/2016/06/DMX_Primer.pdf.

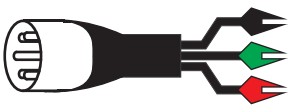
DMX Connection

The Rogue Outcast 1 BeamWash M provides a DMX-512 connection using a bare-ended signal cable.

DMX Plug

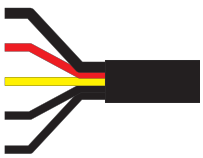


Signal Connector



Pin	Function	Clip	Wire
1	Ground	Black	Ground
2	Data -	Green	Red
3	Data +	Red	Yellow
4	N/A		
5	N/A		

DMX Cable



DMX Personalities

The Rogue Outcast 1 BeamWash M uses a 5-pin DMX data connection for its 6 DMX personalities, ranging from **15Ch, 24Ch, 30Ch, 37Ch, 64Ch, 111Ch,** to **135Ch**.

- Refer to the Operation chapter to learn how to configure the Rogue Outcast 1 BeamWash M to work in these personalities.
- The DMX Personalities section provides detailed information regarding the DMX personalities.

Remote Device Management

Remote Device Management, or RDM, is a standard for allowing DMX-enabled devices to communicate bi-directionally along existing DMX cabling. Check the DMX controller's User Manual or with the manufacturer as not all DMX controllers have this capability. The Rogue Outcast 1 BeamWash M supports RDM protocol that allows feedback to make changes to menu map options.

USB Software Update

The Rogue Outcast 1 BeamWash M allows for software updates with a USB device using the built-in USB port. To update the software using a USB type C flash drive, do the following:

1. Power on the product, and plug the flash drive into the USB port.
2. Once the flash drive has been detected, the message "**USB UPDATE**" will be displayed. Select **YES**.
3. The next screen will show the software versions available for this fixture on the USB drive. For multiple versions of the software for the same fixture, use **<UP>** or **<DOWN>** to select the desired version. Press **<ENTER>**.
4. The "**USB UPDATE**" screen will re-appear. Select **YES**.

It is possible to update multiple units with the USB if they are daisy chained via DMX.

5. The upgrade will start. **DO NOT** turn off the power or disconnect the USB while the USB LED is still blinking during the process. The screen display will read: "**USB Update Wait**". The update can take several minutes to complete.
6. When the update is completed, the fixture will automatically reboot.
7. Go to Fixture Information on the product's menu map and confirm the firmware revision.
8. When the boot-up process is finished, restart the product.

- **Place the .chl file in the root directory of the USB drive.**
- **The product's USB port supports up to 32GB capacity and only works with FAT32 file format.**

Turning off the power or removing the USB while the USB LED is still blinking during the update will cause partial or total firmware failure in the targeted fixture(s). If this occurs, the user will need the UPLOAD 08 device to fix this. Please contact Chauvet regarding this device.

Mounting

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

Orientation

Always mount this product in a safe position, making sure there is adequate room for ventilation, configuration, and maintenance.

Rigging

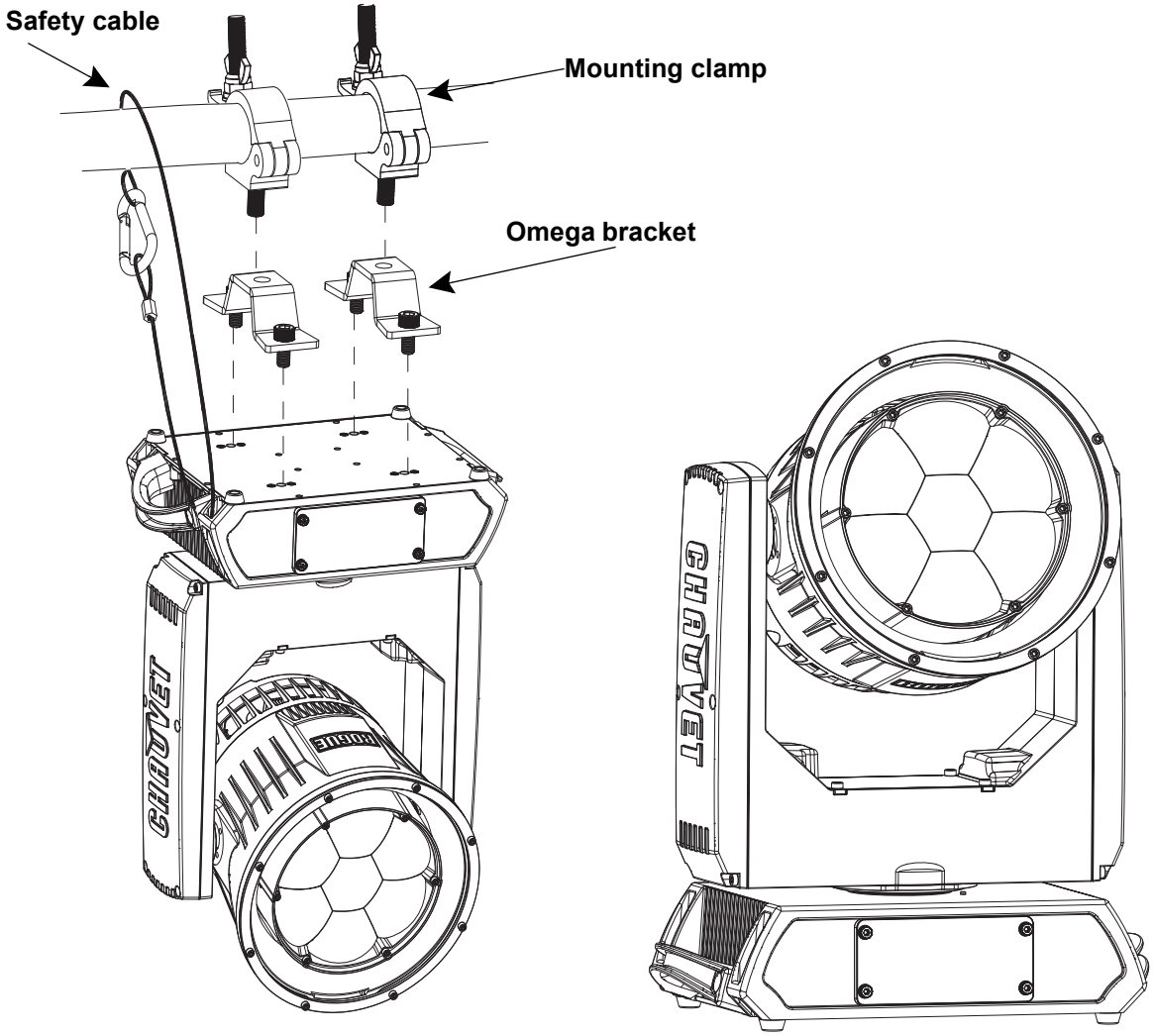
Chauvet recommends using the following general guidelines when mounting this product.

- Before deciding on a location for the product, make sure there is easy access to the product for maintenance and programming purposes.
- Make sure that the structure and attachment points can support the weight before hanging the product (see the Technical Specifications for weight information).
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, whether an elevated platform or a truss.
- When rigging the product onto a truss, use a mounting clamp of appropriate weight capacity.
- When power linking multiple products, mount the products close enough for power-linking cables to reach.

Procedure

The Rogue Outcast 1 BeamWash M comes with 2 Omega brackets. The user can directly attach a mounting clamp (sold separately) to the Omega brackets. Make sure the clamp is capable of supporting the weight of this product. For the Chauvet Professional line of mounting clamps, go to http://www.trusst.com/products.

Mounting Diagram



Overhead Mounting **Surface Mounting**

4. Operation

Control Panel Description

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

Control Options

Set the Rogue Outcast 1 BeamWash M starting address in the **001-378** DMX range. This enables control of up to 2 products in the 135-channel 6Ch personality.

Programming

Refer to the menu map to understand the menu options. The menu map shows the main menu and a variable number of programming levels for each option.

- To access the main menu, press **<MENU>**.
- To navigate to the desired option in the main menu, use **<UP>** or **<DOWN>** to navigate directly.
- Press **<ENTER>** to select the indicated option.
- Use **<UP>** or **<DOWN>** to navigate within a programming level until the desired option is indicated.
- To return to the main menu, press **<MENU>**.

Menu Map

Refer to the Rogue Outcast 1 BeamWash M product page on www.chauvetprofessional.com for the latest menu map.

Main Level	Programming Levels				Description
Address	**001–512**				Sets the starting address
Run Mode	**DMX**	**15CH**			Selects the DMX personality
		24CH			
		30CH			
		37CH			
		64CH			
		111CH			
		135CH			
	Auto Test				Auto test all functions
	Manual Test	**Crossfade (sec)**		**0000–1200**	Sets the time between step in seconds
		Hold time (sec)			Sets the playback time for each step in seconds
		Step 1–2	**Clear**	**NO**	Resets all step 1/2 manual values to 0
				YES	
			Delete	**NO**	Removes step 1/2 from playback
				YES	
			Pan	**0–255**	Manually control and test all settings through the control panel
			Tilt		
			Dimmer		
			Shutter		
			Red 1		
			Green 1		
			Blue 1		
			Red 2		
			Green 2		
			Blue 2		
			Red 3		
			Green 3		
			Blue 3		
			Red 4		
			Green 4		
			Blue 4		
			Red 5		
			Green 5		
			Blue 5		
			Red 6		
			Green 6		
			Blue 6		
			Red 7		
			Green 7		
			Blue 7		
			Red 8		

Main Level	Programming Levels				Description
Run Mode (cont.)	**Manual Test** (cont.)	**Step 1–2** (cont.)	**Green 8**	**0–255**	Manually control and test all settings through the control panel
			Blue 8		
			Red 9		
			Green 9		
			Blue 9		
			Red 10		
			Green 10		
			Blue 10		
			Red 11		
			Green 11		
			Blue 11		
			Red 12		
			Green 12		
			Blue 12		
			Red 13		
			Green 13		
			Blue 13		
			White 13		
			Zoom		
Setup	**Pan Reverse**		**OFF**		Normal pan
			ON		Reversed pan
	Tilt Reverse		**OFF**		Normal tilt
			ON		Reversed tilt
	Pan Angle		**540**		540° pan range
			360		360° pan range
			180		180° pan range
	Tilt Angle		**260**		260° tilt range
			180		180° tilt range
			90		90° tilt range
	Fans		**Auto**		Fan speed according to product temperature
			Full		Fan speed set on high
			ECO		Quiet mode
	Display		**OFF**		Display times out
			ON		Display stays on
	Screen Rev		**OFF**		Normal screen display
			ON		Inverted screen display
	Dimmer Curve		**Linear**		Set the dimmer curve
			Square		
			I Squa		
			SCurve		
	Dimmer Speed		**Smooth**		Sets the dimmer speed
			Fast		

Main Level	Programming Levels			Description
Setup (cont.)	PWM Option	600Hz		Sets the Pulse Width Modulation frequency
		1200Hz		
		2000Hz		
		4000Hz		
		6000Hz		
		15000Hz		
	LED R POWER	050–100		Sets red LED power
	LED G POWER	050–100		Sets green LED power
	LED B POWER	050–100		Sets blue LED power
	LED W POWER	050–100		Sets white LED power
	RING R POWER	050–100		Sets red ring power
	RING G POWER	050–100		Sets green ring power
	RING B POWER	050–100		Sets blue ring power
	Red Shift	OFF		Enables/disables red shift
		ON		
	White Mode	On		Calibrates white to 7500K
		Off		Uses maximum output values
		Custom	RED	Sets red LED maximum value
			GREEN	Sets green LED maximum value
			BLUE	Sets blue LED maximum value
			WHITE	Sets white LED maximum value
	Color Calibration	On		Uses factory default white setting
		Off		Uses maximum output values
		Custom	RED	Sets red LED maximum value
			GREEN	Sets green LED maximum value
			BLUE	Sets blue LED maximum value
	USB Update	NO		Enables/disables updating firmware through USB
		YES		
	Reset Function	Pan/Tilt	NO	Reset individual functions or all functions from start-up
			YES	
		Zoom	NO	
			YES	
		All	NO	
			YES	
	Factory Settings	NO		Reset to factory default settings
		YES		

Main Level	Programming Levels		Description
Sys Info	Ver	V_._ _ _ _ _ _	Shows current firmware version
	Running Mode	_ _ _	Shows current running mode
	DMX Address	_ _ _	Shows current DMX address
	Temperature	_ _	Shows the product's temperature in °C
	Fixture Time	_ _ _ _	Shows number of hours product has been powered on
	UID	_ _ _ _ _ _ _ _ _ _ _ _	Shows product UID
	Head Fan1	_ _ _ _ _	Shows the speed of the fans in rpm
	Defrost Fan1	_ _ _ _ _	
	Defrost Fan2	_ _ _ _ _	
	Base Fan1	_ _ _ _ _	
	Base Fan2	_ _ _ _ _	

DMX Configuration

Use control configurations to operate the product with a DMX controller.

DMX Personalities

To set the DMX personality:

1. Go to the **Run Mode** main level.
2. Select the **DMX** option..
3. Select the desired personality, from **15Ch**, **24Ch**, **30Ch**, **37Ch, 64Ch**, **111Ch**, or **135Ch**

- See the Starting Address section for the highest selectable starting address for each personality.
- Make sure that the starting addresses on the various products do not overlap due to the new personality setting.

Starting Address

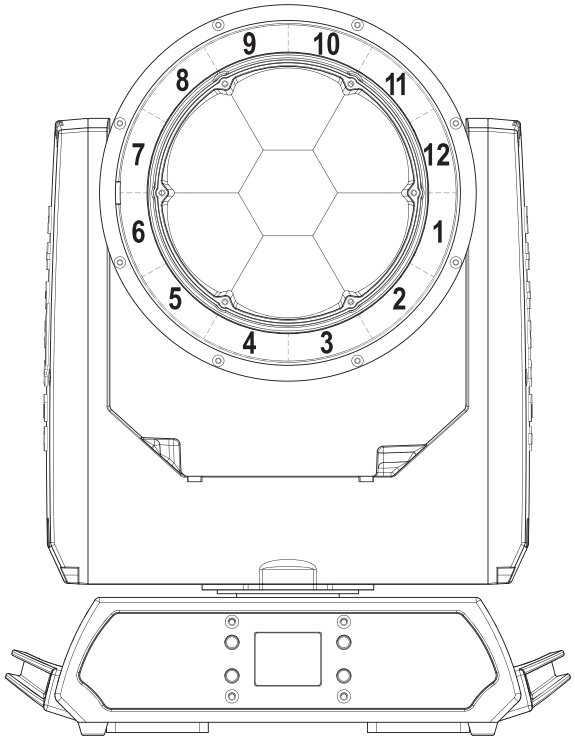
Each product will respond to a unique starting address from the controller. All products with the same starting address will respond in unison. To set the starting address in DMX mode:

1. Go to the **DMX Address** main level.
2. Select the starting address (**001–498**).

Personality	Highest Address	Products per Universe
15Ch	498	33
24Ch	489	20
30Ch	483	16
37Ch	476	12
64Ch	449	7
111Ch	402	3
135Ch	378	2

DMX Channel Assignments and Values

Zones for DMX Control



Preset Color Chart

DMX Value	Function	Red	Green	Blue	White
000 ⇔ 004	No function				
005 ⇔ 009	Color 1	000	000	000	255
010 ⇔ 014	Color 2	255	235	053	000
015 ⇔ 019	Color 3	214	134	048	000
020 ⇔ 024	Color 4	255	000	044	000
025 ⇔ 029	Color 5	255	059	113	000
030 ⇔ 034	Color 6	255	138	219	000
035 ⇔ 039	Color 7	226	175	226	000
040 ⇔ 044	Color 8	040	001	255	000
045 ⇔ 049	Color 9	000	000	255	000
050 ⇔ 054	Color 10	000	078	255	000
055 ⇔ 059	Color 11	000	199	255	000
060 ⇔ 064	Color 12	000	255	234	000
065 ⇔ 069	Color 13	149	246	255	000
070 ⇔ 074	Color 14	137	255	227	000
075 ⇔ 079	Color 15	213	220	222	000
080 ⇔ 084	Color 16	219	232	175	000
085 ⇔ 089	Color 17	205	255	199	000
090 ⇔ 094	Color 18	115	255	163	000
095 ⇔ 099	Color 19	006	255	143	000
100 ⇔ 104	Color 20	000	255	094	000

DMX Value	Function	Red	Green	Blue	White
105 ⇔ 109	Color 21	029	255	000	000
110 ⇔ 114	Color 22	032	223	000	000
115 ⇔ 119	Color 23	075	255	000	000
120 ⇔ 124	Color 24	080	232	000	000
125 ⇔ 129	Color 25	108	226	000	000
130 ⇔ 134	Color 26	145	194	000	000
135 ⇔ 139	Color 27	210	255	000	000
140 ⇔ 144	Color 28	225	232	000	000
145 ⇔ 149	Color 29	023	215	000	000
150 ⇔ 154	Color 30	247	214	000	000
155 ⇔ 159	Color 31	255	163	000	000
160 ⇔ 164	Color 32	255	152	000	000
165 ⇔ 169	Color 33	255	108	000	000
170 ⇔ 174	Color 34	255	255	255	255
175 ⇔ 179	No function				
180 ⇔ 201	Color fade, fast to slow				
202 ⇔ 207	Stop				
208 ⇔ 229	Reverse color fade, fast to slow				
230 ⇔ 234	No function				
235 ⇔ 249	Color jump, fast to slow				
250 ⇔ 255	No function				

Background Color Chart

DMX Value	Function	Red	Green	Blue	White
000	No function				
001 ⇔ 002	2700K white	156	118	000	063
003 ⇔ 004	3200K white	156	141	005	089
005 ⇔ 006	4200K white	156	141	014	255
007 ⇔ 008	5600K white	156	207	054	255
009 ⇔ 010	8000K white	130	255	096	255
011	Blue	000	000	255	000
012 ⇔ 048	Green increases	000	001–254	255	000
049	Cyan	000	255	255	000
050 ⇔ 086	Blue decreases	000	255	254–001	000
87	Green	000	255	000	000
088 ⇔ 124	Red increases	001–254	255	000	000
125	Yellow	255	255	000	000
126 ⇔ 162	Green decreases	255	254–001	000	000
163	Red	255	000	000	000
164 ⇔ 200	Blue increases	255	000	001–254	000
201	Magenta	255	000	255	000
202 ⇔ 238	Red decreases	254–001	000	255	000
239	Blue	000	000	255	000
240 ⇔ 247	Color fade, fast to slow				
248 ⇔ 255	Color jump, fast to slow				

LED Macro Chart

DMX Value	Function	DMX Value	Function	DMX Value	Function
000 ⇔ 005	No function	076 ⇔ 080	LED macro 15	151 ⇔ 155	LED macro 30
006 ⇔ 010	LED macro 1	081 ⇔ 085	LED macro 16	156 ⇔ 160	LED macro 31
011 ⇔ 015	LED macro 2	086 ⇔ 090	LED macro 17	161 ⇔ 165	LED macro 32
016 ⇔ 020	LED macro 3	091 ⇔ 095	LED macro 18	166 ⇔ 170	LED macro 33
021 ⇔ 025	LED macro 4	096 ⇔ 100	LED macro 19	171 ⇔ 175	LED macro 34
026 ⇔ 030	LED macro 5	101 ⇔ 105	LED macro 20	176 ⇔ 180	LED macro 35
031 ⇔ 035	LED macro 6	106 ⇔ 110	LED macro 21	181 ⇔ 185	LED macro 36
036 ⇔ 040	LED macro 7	111 ⇔ 115	LED macro 22	186 ⇔ 190	LED macro 37
041 ⇔ 045	LED macro 8	116 ⇔ 120	LED macro 23	191 ⇔ 195	LED macro 38
046 ⇔ 050	LED macro 9	121 ⇔ 125	LED macro 24	199 ⇔ 200	LED macro 39
051 ⇔ 055	LED macro 10	126 ⇔ 130	LED macro 25	201 ⇔ 205	LED macro 40
056 ⇔ 060	LED macro 11	131 ⇔ 135	LED macro 26	206 ⇔ 210	LED macro 41
061 ⇔ 065	LED macro 12	136 ⇔ 140	LED macro 27	211 ⇔ 215	LED macro 42
066 ⇔ 070	LED macro 13	141 ⇔ 145	LED macro 28	216 ⇔ 255	No function
071 ⇔ 075	LED macro 14	146 ⇔ 150	LED macro 29		

Strobe Chart

DMX Value	Function	DMX Value	Function
000 ⇔ 019	Off	150 ⇔ 169	Random fading strobe 0–100%, fast to slow
020 ⇔ 024	On	170 ⇔ 189	Pulse strobe, fast to slow
025 ⇔ 069	Strobe, fast to slow	190 ⇔ 209	Random pulse strobe, fast to slow
070 ⇔ 089	Fading strobe 100–0%, fast to slow	210 ⇔ 229	Fading strobe 100–0–100%, fast to slow
090 ⇔ 109	Fading strobe 0–100%, fast to slow	230 ⇔ 244	Random pulse strobe, fast to slow
110 ⇔ 129	Random strobe, fast to slow	245 ⇔ 255	On
130 ⇔ 149	Random fading strobe 100–0%, fast to slow		

Control Chart

DMX Value	Function	DMX Value	Function
000 ⇔ 009	No function	105 ⇔ 109	Reserved for future use
010 ⇔ 014	Blackout on pan/tilt	110 ⇔ 114	Red shift on
015 ⇔ 019	Preset color HTP on*	115 ⇔ 119	Red shift off
020 ⇔ 024	Preset color HTP off*	120 ⇔ 124	Fan mode ECO*
025 ⇔ 029	Reserved for future use	125 ⇔ 129	Fan mode Full*
030 ⇔ 034	Synchronize ring and center LEDs*	130 ⇔ 134	Fan mode Auto*
035 ⇔ 039	De-synchronize ring and center LEDs*	135 ⇔ 139	Dimmer mode fast*
040 ⇔ 044	Defrost fan on	140 ⇔ 144	Dimmer mode smooth*
045 ⇔ 049	Defrost fan off	145 ⇔ 149	Linear dimmer curve
050 ⇔ 054	Reset pan*	150 ⇔ 154	Square dimmer curve
055 ⇔ 059	Reset tilt*	155 ⇔ 159	Inverse square dimmer curve
060 ⇔ 064	Reset zoom	160 ⇔ 164	S-curve dimmer curve
065 ⇔ 069	Reserved for future use	165 ⇔ 169	WHITE mode
050 ⇔ 074	Reset all*	170 ⇔ 174	FULL mode
075 ⇔ 079	PWM 600 Hz*	175 ⇔ 179	Single-color calibration off
080 ⇔ 084	PWM 1200 Hz*	180 ⇔ 184	Single-color calibration on
085 ⇔ 089	PWM 2000 Hz*	185 ⇔ 239	No function
090 ⇔ 094	PWM 4000 Hz*	240 ⇔ 247	Calibration on
095 ⇔ 099	PWM 6000 Hz*	248 ⇔ 255	Calibration off
100 ⇔ 104	PWM 15000 Hz*		

(*Activates in 5 seconds)

Preset Color HTP
When preset color HTP is on, manual color controls may be used at the same time as preset color controls.
When preset color HTP is off, preset color controls will override all manual color controls.

135Ch / 111Ch / 64Ch

64CH	111CH	135Ch	Function	Value	Percent/Setting
1	1	1	Pan	000 ⇔ 255	0–100%
2	2	2	Fine pan	000 ⇔ 255	Fine control (16-bit)
3	3	3	Tilt	000 ⇔ 255	0–100%
4	4	4	Fine tilt	000 ⇔ 255	Fine control (16-bit)
5	5	5	Pan/tilt speed	000 ⇔ 255	Fast to slow
6	6	6	CTC	000 001 ⇔ 255	No function Color temperature, 19000–2700K
7	7	7	Ring preset color	000 ⇔ 255	See Preset Color Chart (no white)
8	8	8	Center preset color	000 ⇔ 255	See Preset Color Chart
9	9	9	Pattern	000 001 ⇔ 255	No function Pattern 1–255
10	10	10	LED macro	000 ⇔ 255	See LED Macro Chart
11	11	11	LED macro speed	000 ⇔ 127 128 129 ⇔ 255	LED macro speed, fast to slow Stop Reverse LED macro, slow to fast
12	12	12	LED macro delay	000 ⇔ 255	LED macro delay, fast to slow
13	13	13	Background color	000 ⇔ 255	See Background Color Chart
14	14	14	Background dimmer	000 ⇔ 255	0–100%
–	15	15	Bg. fine dimmer	000 ⇔ 255	Fine control (16-bit)
15	16	–	Ring dimmer	000 ⇔ 255	0–100%
–	17	–	Ring fine dimmer	000 ⇔ 255	Fine control (16-bit)
16	18	–	Center dimmer	000 ⇔ 255	0–100%
–	19	–	Center fine dimmer	000 ⇔ 255	Fine control (16-bit)
–	–	16	Master dimmer	000 ⇔ 255	0–100%
–	–	17	Master fine dimmer	000 ⇔ 255	Fine control (16-bit)
17	20	18	Ring strobe	000 ⇔ 255	See Strobe Chart
18	21	19	Center strobe	000 ⇔ 255	See Strobe Chart
19	22	20	Zoom	000 ⇔ 255	Zoom in to zoom out
20	23	21	Control	000 ⇔ 255	See Control Chart
21	24	22	Red	000 ⇔ 255	0–100%
–	25	23	Fine red	000 ⇔ 255	Fine control (16-bit)
22	26	24	Green	000 ⇔ 255	0–100%
–	27	25	Fine green	000 ⇔ 255	Fine control (16-bit)
23	28	26	Blue	000 ⇔ 255	0–100%
–	29	27	Fine blue	000 ⇔ 255	Fine control (16-bit)
24	30	28	White	000 ⇔ 255	0–100%
–	31	29	Fine white	000 ⇔ 255	Fine control (16-bit)
–	–	30	Dimmer 1	000 ⇔ 255	0–100%
–	–	31	Fine dimmer 1	000 ⇔ 255	Fine control (16-bit)
25	32	32	Red 1	000 ⇔ 255	0–100%
–	33	33	Fine red 1	000 ⇔ 255	Fine control (16-bit)
26	34	34	Green 1	000 ⇔ 255	0–100%
–	35	35	Fine green 1	000 ⇔ 255	Fine control (16-bit)
27	36	36	Blue 1	000 ⇔ 255	0–100%
–	37	37	Fine blue 1	000 ⇔ 255	Fine control (16-bit)

64CH	111CH	135Ch	Function	Value	Percent/Setting
–	–	38	Dimmer 2	000 ⇔ 255	0–100%
–	–	39	Fine dimmer 2	000 ⇔ 255	Fine control (16-bit)
28	38	40	Red 2	000 ⇔ 255	0–100%
–	39	41	Fine red 2	000 ⇔ 255	Fine control (16-bit)
29	40	42	Green 2	000 ⇔ 255	0–100%
–	41	43	Fine green 2	000 ⇔ 255	Fine control (16-bit)
30	42	44	Blue 2	000 ⇔ 255	0–100%
–	43	45	Fine blue 2	000 ⇔ 255	Fine control (16-bit)
–	–	46	Dimmer 3	000 ⇔ 255	0–100%
–	–	47	Fine dimmer 3	000 ⇔ 255	Fine control (16-bit)
31	44	48	Red 3	000 ⇔ 255	0–100%
–	45	49	Fine red 3	000 ⇔ 255	Fine control (16-bit)
32	46	50	Green 3	000 ⇔ 255	0–100%
–	47	51	Fine green 3	000 ⇔ 255	Fine control (16-bit)
33	48	52	Blue 3	000 ⇔ 255	0–100%
–	49	53	Fine blue 3	000 ⇔ 255	Fine control (16-bit)
–	–	54	Dimmer 4	000 ⇔ 255	0–100%
–	–	55	Fine dimmer 4	000 ⇔ 255	Fine control (16-bit)
34	50	56	Red 4	000 ⇔ 255	0–100%
–	51	57	Fine red 4	000 ⇔ 255	Fine control (16-bit)
35	52	58	Green 4	000 ⇔ 255	0–100%
–	53	59	Fine green 4	000 ⇔ 255	Fine control (16-bit)
36	54	60	Blue 4	000 ⇔ 255	0–100%
–	55	61	Fine blue 4	000 ⇔ 255	Fine control (16-bit)
–	–	62	Dimmer 5	000 ⇔ 255	0–100%
–	–	63	Fine dimmer 5	000 ⇔ 255	Fine control (16-bit)
37	56	64	Red 5	000 ⇔ 255	0–100%
–	57	65	Fine red 5	000 ⇔ 255	Fine control (16-bit)
38	58	66	Green 5	000 ⇔ 255	0–100%
–	59	67	Fine green 5	000 ⇔ 255	Fine control (16-bit)
39	60	68	Blue 5	000 ⇔ 255	0–100%
–	61	69	Fine blue 5	000 ⇔ 255	Fine control (16-bit)
–	–	70	Dimmer 6	000 ⇔ 255	0–100%
–	–	71	Fine dimmer 6	000 ⇔ 255	Fine control (16-bit)
40	62	72	Red 6	000 ⇔ 255	0–100%
–	63	73	Fine red 6	000 ⇔ 255	Fine control (16-bit)
41	64	74	Green 6	000 ⇔ 255	0–100%
–	65	75	Fine green 6	000 ⇔ 255	Fine control (16-bit)
42	66	76	Blue 6	000 ⇔ 255	0–100%
–	67	77	Fine blue 6	000 ⇔ 255	Fine control (16-bit)
–	–	78	Dimmer 7	000 ⇔ 255	0–100%
–	–	79	Fine dimmer 7	000 ⇔ 255	Fine control (16-bit)
43	68	80	Red 7	000 ⇔ 255	0–100%
–	69	81	Fine red 7	000 ⇔ 255	Fine control (16-bit)
44	70	82	Green 7	000 ⇔ 255	0–100%
–	71	83	Fine green 7	000 ⇔ 255	Fine control (16-bit)

64CH	111CH	135Ch	Function	Value	Percent/Setting
45	**72**	**84**	**Blue 7**	000 ⇔ 255	0–100%
–	**73**	**85**	**Fine blue 7**	000 ⇔ 255	Fine control (16-bit)
–	**–**	**86**	**Dimmer 8**	000 ⇔ 255	0–100%
–	**–**	**87**	**Fine dimmer 8**	000 ⇔ 255	Fine control (16-bit)
46	**74**	**88**	**Red 8**	000 ⇔ 255	0–100%
–	**75**	**89**	**Fine red 8**	000 ⇔ 255	Fine control (16-bit)
47	**76**	**90**	**Green 8**	000 ⇔ 255	0–100%
–	**77**	**91**	**Fine green 8**	000 ⇔ 255	Fine control (16-bit)
48	**78**	**92**	**Blue 8**	000 ⇔ 255	0–100%
–	**79**	**93**	**Fine blue 8**	000 ⇔ 255	Fine control (16-bit)
–	**–**	**94**	**Dimmer 9**	000 ⇔ 255	0–100%
–	**–**	**95**	**Fine dimmer 9**	000 ⇔ 255	Fine control (16-bit)
49	**80**	**96**	**Red 9**	000 ⇔ 255	0–100%
–	**81**	**97**	**Fine red 9**	000 ⇔ 255	Fine control (16-bit)
50	**82**	**98**	**Green 9**	000 ⇔ 255	0–100%
–	**83**	**99**	**Fine green 9**	000 ⇔ 255	Fine control (16-bit)
51	**84**	**100**	**Blue 9**	000 ⇔ 255	0–100%
–	**85**	**101**	**Fine blue 9**	000 ⇔ 255	Fine control (16-bit)
–	**–**	**102**	**Dimmer 10**	000 ⇔ 255	0–100%
–	**–**	**103**	**Fine dimmer 10**	000 ⇔ 255	Fine control (16-bit)
52	**86**	**104**	**Red 10**	000 ⇔ 255	0–100%
–	**87**	**105**	**Fine red 10**	000 ⇔ 255	Fine control (16-bit)
53	**88**	**106**	**Green 10**	000 ⇔ 255	0–100%
–	**89**	**107**	**Fine green 10**	000 ⇔ 255	Fine control (16-bit)
54	**90**	**108**	**Blue 10**	000 ⇔ 255	0–100%
–	**91**	**109**	**Fine blue 10**	000 ⇔ 255	Fine control (16-bit)
–	**–**	**110**	**Dimmer 11**	000 ⇔ 255	0–100%
–	**–**	**111**	**Fine dimmer 11**	000 ⇔ 255	Fine control (16-bit)
55	**92**	**112**	**Red 11**	000 ⇔ 255	0–100%
–	**93**	**113**	**Fine red 11**	000 ⇔ 255	Fine control (16-bit)
56	**94**	**114**	**Green 11**	000 ⇔ 255	0–100%
–	**95**	**115**	**Fine green 11**	000 ⇔ 255	Fine control (16-bit)
57	**96**	**116**	**Blue 11**	000 ⇔ 255	0–100%
–	**97**	**117**	**Fine blue 11**	000 ⇔ 255	Fine control (16-bit)
–	**–**	**118**	**Dimmer 12**	000 ⇔ 255	0–100%
–	**–**	**119**	**Fine dimmer 12**	000 ⇔ 255	Fine control (16-bit)
58	**98**	**120**	**Red 12**	000 ⇔ 255	0–100%
–	**99**	**121**	**Fine red 12**	000 ⇔ 255	Fine control (16-bit)
59	**100**	**122**	**Green 12**	000 ⇔ 255	0–100%
–	**101**	**123**	**Fine green 12**	000 ⇔ 255	Fine control (16-bit)
60	**102**	**124**	**Blue 12**	000 ⇔ 255	0–100%
–	**103**	**125**	**Fine blue 12**	000 ⇔ 255	Fine control (16-bit)
–	**–**	**126**	**Center dimmer**	000 ⇔ 255	0–100%
–	**–**	**127**	**Center fine dimmer**	000 ⇔ 255	Fine control (16-bit)
61	**104**	**128**	**Center red**	000 ⇔ 255	0–100%
–	**105**	**129**	**Center fine red**	000 ⇔ 255	Fine control (16-bit)

64CH	111CH	135Ch	Function	Value	Percent/Setting
62	106	130	Center green	000 ⇔ 255	0–100%
–	107	131	Center fine green	000 ⇔ 255	Fine control (16-bit)
63	108	132	Center blue	000 ⇔ 255	0–100%
–	109	133	Center fine blue	000 ⇔ 255	Fine control (16-bit)
64	110	134	Center white	000 ⇔ 255	0–100%
–	111	135	Center fine white	000 ⇔ 255	Fine control (16-bit)

37Ch / 30Ch / 24Ch / 15Ch

15CH	24CH	30CH	37CH	Function	Value	Percent/Setting
1	1	1	1	Pan	000 ⇔ 255	0–100%
2	2	2	2	Fine pan	000 ⇔ 255	Fine control (16-bit)
3	3	3	3	Tilt	000 ⇔ 255	0–100%
4	4	4	4	Fine tilt	000 ⇔ 255	Fine control (16-bit)
5	5	5	5	Pan/tilt speed	000 ⇔ 255	Fast to slow
6	–	–	–	Dimmer	000 ⇔ 255	0–100%
7	–	–	–	Fine dimmer	000 ⇔ 255	Fine control (16-bit)
–	6	6	6	CTC	000 001 ⇔ 255	No function Color temperature, 19000–2700K
–	7	7	7	Ring preset color	000 ⇔ 255	See Preset Color Chart (no white)
–	8	8	8	Center preset color	000 ⇔ 255	See Preset Color Chart
–	9	9	9	Pattern	000 001 ⇔ 255	No function Pattern 1–255
–	10	10	10	LED macro	000 ⇔ 255	See LED Macro Chart
–	11	11	11	LED macro speed	000 ⇔ 127 128 129 ⇔ 255	LED macro speed, fast to slow Stop Reverse LED macro, slow to fast
–	12	12	12	LED macro delay	000 ⇔ 255	LED macro delay, fast to slow
–	13	13	13	Background color	000 ⇔ 255	See Background Color Chart
–	14	14	14	Background dimmer	000 ⇔ 255	0–100%
–	–	–	15	Background fine dimmer	000 ⇔ 255	0–100%
–	15	15	16	Ring dimmer	000 ⇔ 255	0–100%
–	–	16	17	Ring fine dimmer	000 ⇔ 255	Fine control (16-bit)
–	16	17	18	Center dimmer	000 ⇔ 255	0–100%
–	–	18	19	Center fine dimmer	000 ⇔ 255	Fine control (16-bit)
8	–	–	–	Strobe	000 ⇔ 255	See Strobe Chart
–	17	19	20	Ring strobe	000 ⇔ 255	See Strobe Chart
–	18	20	21	Center strobe	000 ⇔ 255	See Strobe Chart
9	–	–	–	Red	000 ⇔ 255	0–100%
10	–	–	–	Green	000 ⇔ 255	0–100%
11	–	–	–	Blue	000 ⇔ 255	0–100%
12	–	–	–	White	000 ⇔ 255	0–100%
13	–	–	–	Preset color	000 ⇔ 255	See Preset Color Chart
14	19	21	22	Zoom	000 ⇔ 255	Zoom in to zoom out
15	20	22	23	Control	000 ⇔ 255	See Control Chart
–	21	23	–	Red	000 ⇔ 255	0–100%

15CH	24CH	30CH	37CH	Function	Value	Percent/Setting
–	–	24	–	Fine red	000 ⇔ 255	Fine control (16-bit)
–	22	25	–	Green	000 ⇔ 255	0–100%
–	–	26	–	Fine green	000 ⇔ 255	Fine control (16-bit)
–	23	27	–	Blue	000 ⇔ 255	0–100%
–	–	28	–	Fine blue	000 ⇔ 255	Fine control (16-bit)
–	24	29	–	White	000 ⇔ 255	0–100%
–	–	30	–	Fine white	000 ⇔ 255	Fine control (16-bit)
–	–	–	24	Ring red	000 ⇔ 255	0–100%
–	–	–	25	Ring fine red	000 ⇔ 255	Fine control (16-bit)
–	–	–	26	Ring green	000 ⇔ 255	0–100%
–	–	–	27	Ring fine green	000 ⇔ 255	Fine control (16-bit)
–	–	–	28	Ring blue	000 ⇔ 255	0–100%
–	–	–	29	Ring fine blue	000 ⇔ 255	Fine control (16-bit)
–	–	–	30	Center red	000 ⇔ 255	0–100%
–	–	–	31	Center fine red	000 ⇔ 255	Fine control (16-bit)
–	–	–	32	Center green	000 ⇔ 255	0–100%
–	–	–	33	Center fine green	000 ⇔ 255	Fine control (16-bit)
–	–	–	34	Center blue	000 ⇔ 255	0–100%
–	–	–	35	Center fine blue	000 ⇔ 255	Fine control (16-bit)
–	–	–	36	Center white	000 ⇔ 255	0–100%
–	–	–	37	Center fine white	000 ⇔ 255	Fine control (16-bit)

Settings Configuration

Pan Reverse

To set the orientation of the pan:

1. Go to the **Setup** main level.
2. Select the **Pan Reverse** option.
3. Select from **OFF** (normal pan motion), or **ON** (reversed pan motion).

Tilt Reverse

To set the orientation of the tilt:

1. Go to the **Setup** main level.
2. Select the **Tilt Reverse** option.
3. Select from **OFF** (normal tilt motion), or **ON** (reversed tilt motion).

Pan Angle

To set the maximum angle of the pan:

1. Go to the **Setup** main level.
2. Select the **Pan Angle** option.
3. Select from **540** (540°), **360** (360°), or **180** (180°).

Tilt Angle

To set the maximum angle of the tilt:

1. Go to the **Setup** main level.
2. Select the **Tilt Angle** option.
3. Select from **260** (260°), **180** (180°), or **90** (90°).

Fan Mode

To set the fan speed mode:

1. Go to the **Settings** main level.
2. Select the **Fans** option.
3. Select the fan mode, from **Auto** (fan speed adjusts to product temperature), **Full** (fan speed at maximum), or **ECO** (quiet mode).

Display Backlight Timer

To set whether an inactive display will turn off:

1. Go to the **Setup** main level.
2. Select the **Display** option.
3. Select the length of the backlight timer, from **OFF** (will turn off) or **ON** (always on).

Screen Reverse

To set the orientation of the display:

1. Go to the **Setup** main level.
2. Select the **Screen Rev** option.
3. Select from **OFF** (right-side up) or **ON** (upside-down).

Dimmer Curve

To set the dimmer curve:

1. Go to the **Setup** main level.
2. Select the **Dimmer Curve** option.
3. Select the dimmer curve, from **Linear**, **Square**, **I Squa**, or **SCurve**.

Dimmer Speed

To set the dimmer speed:

1. Go to the **Setup** main level.
2. Select the **Dimmer Speed** option.
3. Select the dimmer speed, from **Smooth** or **Fast**.

Pulse Width Modulation

To adjust the frequency of the pulse width modulation:

1. Go to the **Setup** main level.
2. Select the **PWM Option** option.
3. Select the frequency, from **600Hz**, **1200Hz**, **2000Hz**, **4000Hz**, **6000Hz**, or **15000Hz**.

LED Power

To set the power of each LED color:

1. Go to the **Setup** main level.
2. Select from the **LED R POWER** (red), **LED G POWER** (green), **LED B POWER** (blue), or **LED W POWER** (white) options.
3. Set the selected LED power from **050–100**.

Ring Power

To set the power of each LED color:

1. Go to the **Setup** main level.
2. Select from the **RING R POWER** (red), **RING G POWER** (green), or **RING B POWER** (blue) options.
3. Set the selected LED power from **050–100**.

Red Shift

With red shift enabled, the color temperature will warm as the dimmer decreases in imitation of a lamp. To enable or disable the red shift function:

1. Go to the **Setup** main level.
2. Select the **Red Shift** option.
3. Select from **OFF** or **ON**.

White Mode

To turn the White Mode on or off, or edit the balance of the White Mode:

1. Go to the **Setup** main level.
2. Select the **White Mode** option.
3. Select **On** (to calibrate the color temperature to 7500K), **Off** (to sets all colors to maximum output), or **Custom** (to customize the White Mode).
4. If **Custom** was selected, then select which color to edit, from **RED**, **GREEN**, **BLUE**, or **WHITE**.
5. Increase or decrease the maximum output level of the selected color, from **000–255**.

Color Calibration

To alter the color calibration settings:

1. Go to the **Setup** main level.
2. Select the **Color calibration** option.
3. Select the calibration mode, from **On** (Uses factory default settings), **Off** (Sets all colors to maximum output), or **Custom** (To set a custom white balance).
4. If **Custom** was selected, then select which color to edit, from **RED**, **GREEN**, or **BLUE**.
5. Increase or decrease the maximum output level of the selected color, from **100–255**.

USB Update

To enable or disable software update using USB:

1. Go to the **Setup** main level.
2. Select the **USB Update** option.
3. Select **NO** (disables software update through USB) or **YES** (enables software update through USB).

See the USB Update section for the detailed instructions on how to update the Rogue Outcast 1 BeamWash M software using a USB C connection.

Reset Function

To reset specific functions or the entire product:

1. Go to the **Setup** main level.
2. Select the **Reset Function** option.
3. Select the functions to reset, from **Pan/Tilt**, **Zoom**, or **All**.
4. Select **NO** (to cancel) or **YES** (to reset the selected functions).

Factory Reset

To reset the product to factory settings:

1. Go to the **Setup** main level.
2. Select the **Factory Set** option.
3. Select **NO** (to cancel) or **YES** (to reset the product configuration).

Standalone Configuration

Auto Test

To have the Rogue Outcast 1 BeamWash M automatically test all functions one after the other:

1. Go to the **Run Mode** main level.
2. Select the **Auto** option.
3. The product will automatically perform test function.

Manual Mode

To run the Rogue Outcast 1 BeamWash M on Manual mode, follow the instructions below:

1. Go to the **Run Mode** main level.
2. Select the **Manual** option.
3. Select the **Crossfade (sec)** (sets the speed of scene playback in seconds), **Hold time (sec)** (Sets the time between scene playback in seconds)**, Step 1** (first step that will play back)**,** or **Step 2** (second step that will playback) options.

To program **Step 1** or **Step 2**:

1. Select an option, from **Step 1** or **Step 2**
2. Select from **Pan**, **Tilt**, **Dimmer**, **Shutter**, **Red 1**, **Green 1**, **Blue 1**, **Red 2**, **Green 2**, **Blue 2**, **Red 3**, **Green 3**, **Blue 3**, **Red 4**, **Green 4**, **Blue 4**, **Red 5**, **Green 5**, **Blue 5**, **Red 6**, **Green 6**, **Blue 6**, **Red 7**, **Green 7**, **Blue 7**, **Red 8**, **Green 8**, **Blue 8**, **Red 9**, **Green 9**, **Blue 9**, **Red 10**, **Green 10**, **Blue 10**, **Red 11**, **Green 11**, **Blue 11**, **Red 12**, **Green 12**, **Blue 12**, **Red 13**, **Green 13**, **Blue 13**, **White 13**, or **Zoom**.
3. Increase or decrease the value of the selected function, from **000–255**.
4. Repeat steps 1–3 until the product is set as desired.

To clear or delete **Step 1** or **Step 2**:

1. Select from **Clear** or **Delete**.
2. Select from **Yes** or **No**.

- **Selecting Clear will reset all manual options to 000.**
- **Selecting Delete will reset all manual options to 000 and prevent the step from playback.**

System Information

The information section of the menu displays statistics and the current status of the product's various functions. To view this information:

1. Go to the **Sys Info** main level.
2. Use **<UP>** and **<DOWN>** to view all information.

Offset Mode (Zero Adjust)

The Offset mode provides fine adjustments for the home position of the pan, tilt, and zoom movements. To adjust these options:

1. From the main level screen, press and hold **<MENU>** until the passcode screen appears.
2. Enter the passcode: **2323** and press **<ENTER>**.
3. Select the "zero" position to adjust, from **PAN**, **TILT**, **ZOOM**, **RDM4**, **RDM5**, or **RDM6**.
4. Adjust the "zero" position for the selected function from **000–255**.

Error Codes

See the table below for error codes and recommended solutions:

Error Code	Possible Reason	Potential Solution
Lamp Hot	Thermistor overheated	Do a factory reset
		Update software
		Check connection of head to base
		Replace the thermistor
Thermistor Open	Bad thermistor	Factory reset
		Update software
		Check connection of head to base
		Replace thermistor
Thermistor Short	Bad thermistor	Do a factory reset
		Update software
		Check connection of the head to the base
		Replace thermistor
Base Fan 1	Base Fan 1 is damaged	Replace base fan 1
	Fan wires have poor connection	Check fan wire connection
Base Fan 2	Base Fan 2 is damaged	Replace base fan 2
	Fan wires have poor connection	Check fan wire connection
Head Fan 1	Head Fan 1 is damaged	Replace head fan 1
	Fan wires have poor connection	Check fan wire connection
Defrost Fan 1	DEFROST FAN error	Check fan wire connection
		Replace defrost fan 1
Defrost Fan 2	DEFROST FAN error	Check fan wire connection
		Replace defrost fan 2

5. Maintenance

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/or mechanical wear. To maintain optimum performance and minimize wear, clean each lighting product at least twice a month. However, be aware that usage and environmental conditions could be contributing factors to increase the cleaning frequency.

To clean the product, follow the instructions below:

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

Always dry the transparent surfaces carefully after cleaning them.

Dry off this product before storing it in the case. Failure to do so may result in deterioration of the product's housing.

Torque Measurements

To maintain the IP rating when reassembling the product, use the given torque measurements for each of the following screws and bolts:

Fixture Parts	Torque Rating (Kgf.cm)	Torque Rating (lbf.in)
Screws inside feet	9.17	7.96
Base screws around outside (not the feet)	15.29	13.27
Omega bracket holder	12.2	10.6
Screws around power and data ports	3.5	3
Fuse	7.1	6.19
Center of yoke plate	15.29	13.27
Arm cover screws	18.35	15.93
Allen Key screws next to front lens	25.5	22.1
Allen Key screws around head fan	15.29	13.27
Allen Key screws head covers	10.19	8.85

Vacuum Test Measurements

Use the IP Tester from Chauvet Professional to ensure the product has been reassembled correctly by following the information below:

Parameters	Values
Method	Positive
Test pressure	2.18 kPa
Test duration	60 seconds
PASS state leak pressure	<0.02 kPa

6. Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
11.92 in (303 mm)	7.58 in (192 mm)	15.75 in (391 mm)	20.2 lb (9.16 kg)

Note: Dimensions in inches are rounded.

Power

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

Parameter	100 V, 60 Hz	120 V, 60 Hz	208 V, 60 Hz	230 V, 50 Hz	240 V, 50 Hz
Consumption	398 W	385 W	376 W	372 W	386 W
Operating Current	3.98 A	3.25 A	1.92 A	1.69 A	1.64 A
Fuse/Breaker	8 A, 250 V	8 A, 250 V	8 A, 250 V	8 A, 250 V	8 A, 250 V

Power Input	U.S./Worldwide	UK/Europe
Power Input Connector	Termination-ready bare-ended	Termination-ready bare-ended

Light Source

Type	Color	Quantity	Power	Current	Lifespan
LED	Quad-color RGBW	7	45 W	3 A	50,000 hours
LED	Tri-color RGB	97	0.2 W	20 mA	50,000 hours

Photometrics

Beam Angle	Field Angle	Cutoff Angle	Zoom Range
3.9° to 36°	5.9° to 49.8°	6.7° to 55.3°	3.9° to 55.3°

Illuminance @ 5 m (3.9°)	Illuminance @ 5 m (55.3°)	Color Temperature Range	Lumens-Source	Lumens-Output
15,308 lux	473 lux	2800 to 10000 K	5,900	4,073

Acoustics

Settings	Idle	Auto	Full	ECO	Max
Sound pressure level (dBA @ 1 m)	38.8	41.4	52.2	40.4	54.5

Thermal

Maximum External Temperature	Cooling System
113 °F (45 °C)	Fan-assisted Convection

Control

DMX I/O Connector	Channel Range
Bare end	15, 24, 30, 37, 64, 111 or 135

Ordering

Product Name	Item Name	Item Code	UPC Number
Rogue Outcast 1 Beam Wash M	ROGUEOUTCAST1BEAMWASHM	08012607	781462229559

UL 1573
CSA C22.2 No. 166
E113093

Contact Us

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Warranty & Returns

For warranty terms and conditions and return information, please visit our website.

For customers in the United States and Mexico: www.chauvetlighting.com/warranty-registration.

For customers in the United Kingdom, Republic of Ireland, Belgium, the Netherlands, Luxembourg, France, and Germany: www.chauvetlighting.eu/warranty-registration.