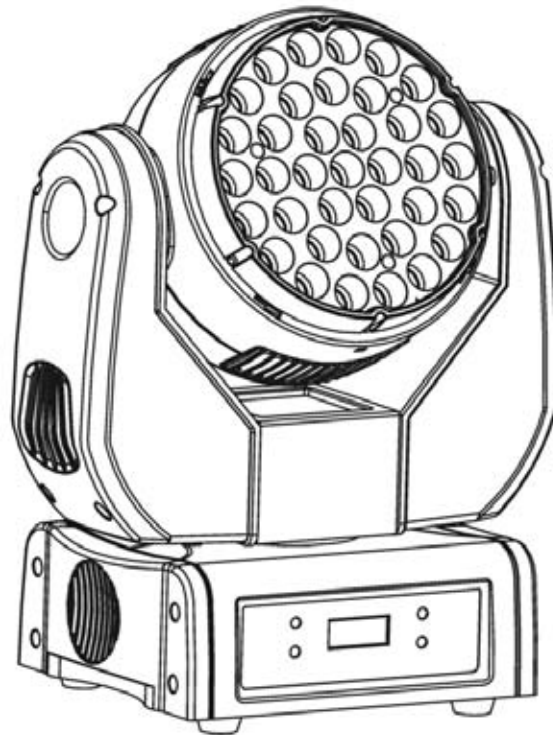


# Q-WASH™ 260-LED

## Quick Reference Guide



**CHAUVET®**

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**About this Guide**

The Q-Wash 260-LED 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.
- Make sure to download the latest version of the product's User Manual from ([www.chauvetlighting.com](http://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 product unless instructed. It contains no user serviceable parts.
- 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 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 carry this product from the head. Use the handles instead.
- 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 at once.
- DO NOT connect this product to a dimmer or rheostat.
- ONLY connect this product to a grounded and protected circuit.

**What is Included**

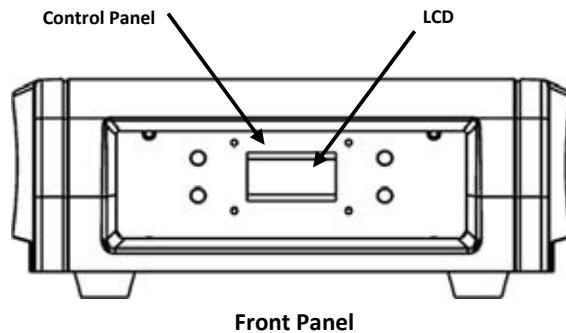
- One Q-Wash 260-LED
- One locking IEC to Edison plug input power cord (US market)
- Two hanging brackets
- Four M8 bolts (6 mm head)
- One safety cable
- One custom cut, removable 1° Color Blending Filter
- One Warranty Card
- One Quick Reference Guide

## Features

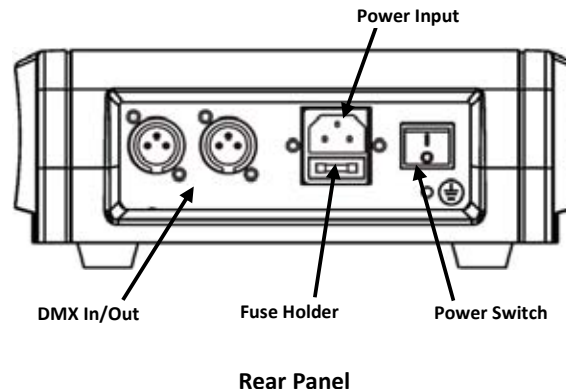
- Operating modes:
  - 9-channel: Pan, tilt, red, green, blue, color/macros, dimmer, strobe, control
  - 13-channel: Pan, pan fine, tilt, tilt fine, pan/tilt speed, red, green, blue, color/macros, dimmer, strobe, and control
- Pan: 540°
- Tilt: 270°
- RGB static color mixing with or without DMX control
- Electronic strobe (1~20 Hz)
- Electronic dimmer (0~100%)
- High power setting
- Remote product reset and vector speed channel
- Auto programs
- Sound activated programs
- 255-step fully customizable program
- Recall auto or custom programs via control panel or DMX
- Color temperature presets (3,200~10,000 K)
- Color calibration
- Fan speed control
- 3-pin DMX input and output connectors
- LCD screen with password protection

## Product Description

The Q-Wash 260-LED is an RGB LED wash moving head with multiple narrow beams. The product consists of a base and a moving head on a yoke. The LEDs are inside ducts, which, along with special optics, provide a very narrow beam angle.



## Product Overview



**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.

- Fuse Replacement**
1. Wedge the tip of a flat head screwdriver into the slot of the fuse holder and pry the safety cap out of its housing. It will pull the installed fuse with it.
  2. Remove the blown fuse from its safety cap and replace it with a fuse of the exact same type and rating (F 3.15 A, 250 V).
  3. Insert the fuse holder back into its place, and reconnect power.

**DMX Linking** The Q-Wash 260-LED can work with a DMX controller 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](http://www.chauvetlighting.com).

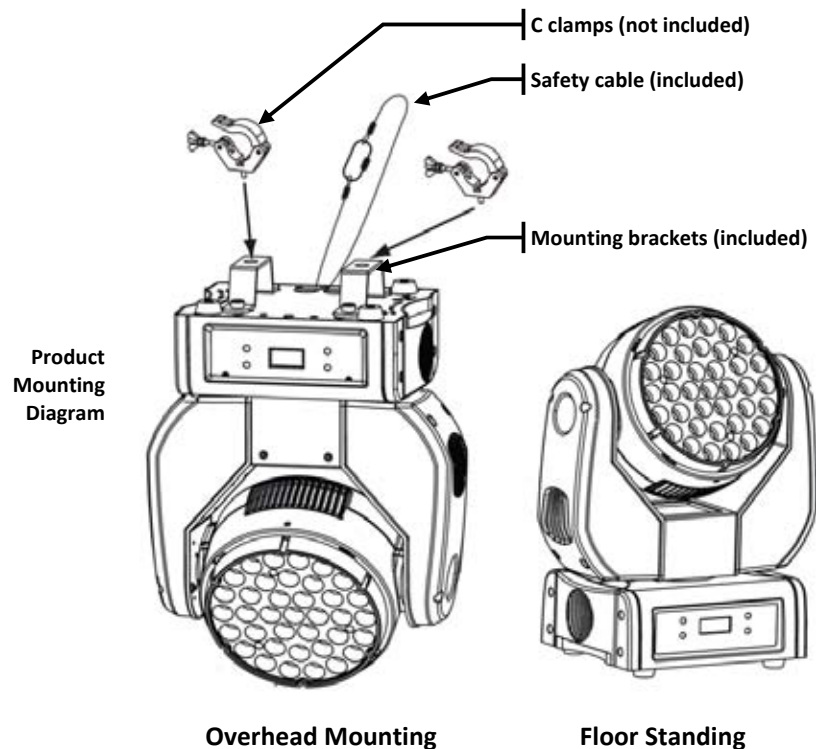
**DMX Connection** The Q-Wash 260-LED uses a regular DMX data connection for DMX personalities, BASIC, and ADVANCED.

Download the Q-Wash 260-LED User Manual and refer to the *Setup* chapter to learn how to connect this product for DMX operation, and the *Operation* chapter to learn in detail how to configure this product for DMX operation.

**Master/Slave Connection** The Q-Wash 260-LED uses the DMX data connection for its Master/Slave mode.

Download the Q-Wash 260-LED User Manual and refer to the *Setup* chapter to learn how to connect this product for Master/Slave operation, and the *Operation* chapter to learn in detail how to configure this product 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.



**Programming** For details on how to program this product, please refer to the product's User Manual.

<b>Control Panel Description</b>	<b>Button</b>	<b>Function</b>
	<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:

<b>Mode</b>	<b>Address</b>	<b>Mode</b>	<b>Address</b>
<b>BASIC</b>	504	<b>ADVANCED</b>	500

**Editing Notes** When in *EDIT* and *CALIB* modes, <UP> and <DOWN> only change the value of the selected option.  
To move to the next option press <ENTER> repeatedly. Refer to the Q-Wash 260-LED User Manual for more details.

## Menu Options

1 <sup>st</sup> Level	Programming Levels	Description	
<i>INTRO</i>	<i>ADDRESS</i>	<b>001-512</b>	Selects a starting DMX address
	<i>RESET</i>	<b>NO/YES</b>	Resets the product's custom settings
	<i>FANS</i>	<b>HIGH</b>	Select the fan's operation mode.
		<b>NORMAL</b>	<b>NOTE:</b> Fixture's controller will force the fan to <b>High</b> if the product's internal temperature becomes too high, despite any manual or DMX setting
		<b>LOW</b>	
		<b>AUTO</b>	
	<i>RUN</i>	<b>DMX512</b>	Selects DMX running mode
		<b>AUTO1</b>	Selects the first automatic program
		<b>AUTO2</b>	Selects the second automatic program
		<b>CUSTOM</b>	Selects the user customizable program
		<b>SOUND1</b>	Selects the first sound program
		<b>SOUND2</b>	Selects the second sound program
		<b>SLAVE</b>	Selects the Slave running mode
		<b>TEST</b>	Starts the product's test sequence
	<i>CHANNELS</i>	<b>BASIC</b>	Selects the 9-channel DMX mode
		<b>ADVANCED</b>	Selects the 12-channel DMX mode
	<i>DISPLAY</i>	<b>60 CLOSE</b>	Turns off the display after 60 seconds
<b>BRIGHT</b>		Keeps the display on	
<i>KEYLOCK</i>	<b>NO/YES</b>	Activates/deactivates the control panel password	
<i>DIMMER</i>	<b>DIMMER 4-1</b>	Slow ( <b>DIM 4</b> ) to fast ( <b>DIM1</b> ) dimmer curves	
	<b>DIMMER 0</b>	Linear dimmer	
<i>INFO</i>	<b>EDITION</b>	Shows the version of the installed S/W	
<i>INVERT</i>	<i>PAN</i>	<b>NORMAL/ REVERSE</b>	Defines the pan direction
	<i>TILT</i>		Defines the tilt direction
	<i>DIMMER</i>	Defines the direction of the dimmer fader	
<i>RANGE</i>	<i>USE</i>	<b>NO/YES</b>	Activates the changes
	<i>P/START</i>	<b>000-255</b>	Sets the pan start point (restricted range)
	<i>P/FINISH</i>		Sets the pan end point (restricted range)
	<i>T/START</i>		Sets the tilt start point (restricted range)
	<i>T/FINISH</i>		Sets the tilt end point (restricted range)
<i>USE</i>	Activates the changes		
<i>SPECIAL</i>	<i>BLACKD</i>	<b>NO/YES</b>	Activates the move-in black delay (3 s)
	<i>RESET</i>	<b>DMX</b>	The DMX controller can reset the product
		<b>SYSTEM</b>	The control panel can reset the product
	<i>POWER</i>	<b>NORMAL/ HIGH</b>	LEDs illuminate at normal or high intensity <b>NOTE:</b> The product will return to <b>Normal</b> if the internal temperature becomes too high
	<i>COLOR</i>	<b>UC</b>	White output matches that of older products
		<b>RGBTOW</b>	White output set by <b>RGB-W</b>
		<b>OFF</b>	White output defined by RGBW faders
	<i>FAN</i>	<b>DMX</b>	The DMX controller can set the fan speed
<b>SYSTEM</b>		The control panel can reset the fan speed	
<i>DMXERROR</i>	<b>SAVE</b>	In case of lost DMX signal, the product will remain in its current state	
	<b>BLAK</b>	In case of lost DMX signal, the product will blackout	
<i>EDIT</i>	<i>STEP</i>	<b>000-255</b>	Selects the program step
	<i>PAN</i>		Selects the pan position
	<i>TILT</i>		Selects the tilt position
	<i>SPEED</i>		Selects the pan/tilt speed
1 <sup>st</sup> Level	Programming Levels	Description	
<i>EDIT (Cont.)</i>	<i>RED</i>	<b>000-255</b>	Combines red, green, blue, and white to obtain a custom color
	<i>GREEN</i>		
	<i>BLUE</i>		
	<i>DIMMER</i>		Selects the dimmer value
	<i>STROBE</i>		Selects the strobe frequency and mode
	<i>DIMSPEED</i>		Selects the dimmer speed
	<i>TIME</i>		Selects the step duration
<i>USE</i>	<b>NO/YES</b>	Activates the changes	
<i>EXTRA</i>	<i>PASSWORD</i>	<b>****</b>	Opens the <b>Extra</b> menu (see below)

**Extra Menu**

1 <sup>st</sup> Level	2nd Level	3rd Level	4 <sup>th</sup> Level	Description
<i>CALIB</i>	3200 K	RED	000-255	Sets color temperature for <b>Macro &gt; White 1</b>
		GREEN		
		BLUE		
	3400 K	RED	000-255	Sets color temperature for <b>Macro &gt; White 2</b>
		GREEN		
		BLUE		
	4200 K	RED	000-255	Sets color temperature for <b>Macro &gt; White 3</b>
		GREEN		
		BLUE		
	4900 K	RED	000-255	Sets color temperature for <b>Macro &gt; White 4</b>
		GREEN		
		BLUE		
5600 K	RED	000-255	Sets color temperature for <b>Macro &gt; White 5</b>	
	GREEN			
	BLUE			
5900 K	RED	000-255	Sets color temperature for <b>Macro &gt; White 6</b>	
	GREEN			
	BLUE			
6500 K	RED	000-255	Sets color temperature for <b>Macro &gt; White 7</b>	
	GREEN			
	BLUE			
7200 K	RED	000-255	Sets color temperature for <b>Macro &gt; White 8</b>	
	GREEN			
	BLUE			
8000 K	RED	000-255	Sets color temperature for <b>Macro &gt; White 9</b>	
	GREEN			
	BLUE			
8500 K	RED	000-255	Sets color temperature for <b>Macro &gt; White 10</b>	
	GREEN			
	BLUE			
10000 K	RED	000-255	Sets color temperature for <b>Macro &gt; White 11</b>	
	GREEN			
	BLUE			
<i>RGB-W</i>	RED	000-255	Sets color temperature for <b>SPECIAL &gt; COLOR &gt; RGBTOW</b>	
	GREEN			
	BLUE			
<i>DEFAULT</i>	<i>DEFAULT</i>	NO/YES	N/A	Defaults the product to factory settings

## DMX Values

<b>BASIC</b>	<b>Channel</b>	<b>Function</b>	<b>Value</b>	<b>Percent/Setting</b>
	1	Pan	000 ⇔ 255	0–540°
	2	Tilt	000 ⇔ 255	0–270°
	3	Red	000 ⇔ 255	0–100%
	4	Green	000 ⇔ 255	0–100%
	5	Blue	000 ⇔ 255	0–100%
	6	Power and Color Macro	000 ⇔ 005	No function
			006 ⇔ 010	High power
			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: 100% G: 100% B: 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		
	7	Dimmer	000 ⇔ 255	0–100%
	8	Strobe	000 ⇔ 009	No function
			010 ⇔ 255	01–20 Hz
	9	Control	000 ⇔ 019	No function
			020 ⇔ 039	Pan/tilt black activation
			040 ⇔ 059	Pan/tilt black deactivation
			060 ⇔ 079	Automatic fan speed
			080 ⇔ 099	Slow fan speed
			100 ⇔ 119	Normal fan speed
			120 ⇔ 139	High fan speed
			140 ⇔ 149	Auto program 1 (3 s activation delay)
			150 ⇔ 159	Auto program 2 (3 s activation delay)
			160 ⇔ 169	Test (3 s activation delay)
			170 ⇔ 179	Custom program (3 s activation delay)
			180 ⇔ 199	No function
			200 ⇔ 219	Reset (3 s activation delay)
			220 ⇔ 255	No function



<b>ADVANCED</b>			
<b>Channel</b>	<b>Function</b>	<b>Value</b>	<b>Percent/Setting</b>
1	Pan	000 ⇔ 255	0~540°
2	Pan Fine	000 ⇔ 255	Fine movement control
3	Tilt	000 ⇔ 255	0~270°
4	Tilt Fine	000 ⇔ 255	Fine movement control
5	Pan/Tilt Speed	000 ⇔ 255	Fast~Slow
6	Red	000 ⇔ 255	0~100%
7	Green	000 ⇔ 255	0~100%
8	Blue	000 ⇔ 255	0~100%
9	Power and Color Macro	000 ⇔ 005	No function
		006 ⇔ 010	High power
		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: 100% G: 100% B: 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		
10	Dimmer	000 ⇔ 255	0~100%
11	Strobe	000 ⇔ 009	No function
		010 ⇔ 255	01~20 Hz
12	Control	000 ⇔ 019	No function
		020 ⇔ 039	Pan/tilt black activation
		040 ⇔ 059	Pan/tilt black deactivation
		060 ⇔ 079	Automatic fan speed
		080 ⇔ 099	Slow fan speed
		100 ⇔ 119	Normal fan speed
		120 ⇔ 139	High fan speed
		140 ⇔ 149	Auto program 1 (3 s activation delay)
		150 ⇔ 159	Auto program 2 (3 s activation delay)
		160 ⇔ 169	Test (3 s activation delay)
		170 ⇔ 179	Custom program (3 s activation delay)
		180 ⇔ 199	No function
		200 ⇔ 219	Reset (3 s activation delay)
		220 ⇔ 255	No function

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