OVATION
P-56VW

User Manual

CHAUVET
PROFESSIONAL

EDITION NOTES

The Ovation P-56VW User Manual includes a description, safety precautions, installation, programming, operation and maintenance instructions for the Ovation P-56VW.

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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

This Ovation P-56VW User Manual is the 1st edition of this document. Go to www.chauvetprofessional.com for the latest version.

TABLE OF CONTENTS

1. BEFORE YOU BEGIN

What Is Included

- Ovation P-56VW
- Gel frame holder (7.5 in/191 mm accessories)
- Neutrik powerCON power cord
- Medium and Wide Lenses
- 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 your 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.

Manual Conventions

Convention	Meaning
1–512	A range of values
50/60	A set of values of which only one can be chosen
<SET>	A button on the product's control panel
Settings	A product function or a menu option

Symbols

Symbol	Meaning
⚡	Electrical warning. Not following these instructions may cause electrical damage to the product, accessories, or the user.
⚠	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.

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

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.**

Personal Safety
- Avoid direct eye exposure to the light source while the product is on.
- Always disconnect the product from the power source before cleaning or replacing the fuse.
- Always connect the product to a grounded circuit to avoid the risk of electrocution.
- Do not touch the product's housing when operating because it may be very hot.

Mounting and Rigging
- DO NOT operate this product outdoors or in any location where dust, excessive heat, water, or humidity may affect it. (IP20).
- CAUTION: When transferring 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 product to fully acclimate to the surrounding environment before connecting it to power.
- Mount this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- Make sure there are no flammable materials close to the product when operating.
- When hanging this product, always secure to a fastening device using a safety cable.

Power and Wiring
- Always make sure you are connecting the product to the proper voltage in accordance with the specifications in this manual or on the product's specification label.
- Never connect the product to a dimmer pack or rheostat.
- Never disconnect this product by pulling or tugging on the power cable.

Operation
- Do not operate this product if there is damage on the housing, lenses, or cables. Have the damaged parts replaced by an authorized technician at once.
- Do not cover the ventilation slots when operating to avoid internal overheating.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate the product at higher temperatures.
- In the event of a serious operation problem, stop using this product immediately!

📝 **If your Chauvet product requires service, contact Chauvet Technical Support.**

Expected LED Lifespan

LEDs gradually decline in brightness over time, primarily because of heat. LEDs that are arranged in clusters experience higher operating temperatures than single LEDs. For this reason, operating clustered LEDs at their fullest intensity significantly reduces the LEDs' lifespan. Under normal conditions, this lifespan is 40,000 to 50,000 hours. If extending this lifespan is vital, lower the operating temperature by improving the ventilation around the product, thus reducing the ambient temperature. In addition, limiting the overall projection intensity may extend the LEDs' lifespan.

2. INTRODUCTION

Description

The Ovation P-56VW is a bright, compact, silent par with exceptionally high CRI that is designed for theatrical and studio applications. This par product produces a homogenized, single-source, flat, even field of light with the same efficient warm white LED system found in the award-winning Ovation E-260WW ellipsoidal. Interchangeable lens plates are included for wide, medium, and narrow beam angles. The Ovation P-56VW also features extremely smooth 16-bit dimming, as well as RDM and PWM for set-up ease. The product accepts standard 7.5" beam shaping accessories.

Features
- Operating modes:
  - 3 Ch: Dimmer, color temperature, hue
  - 5 Ch: 16-bit dimmer, color temperature, hue, strobe
  - 6 Ch: ROGRBL control
  - 8 Ch: ROGRBL control, dimmer, strobe
  - 11 Ch: ROGRBL control, dimmer, strobe, color temperature, hue, dimmer speed mode
  - 15 Ch: 16-bit dimmer, 16-bit ROGRBL control, strobe
  - 17 Ch: 16-bit dimmer, 16-bit ROGRBL control, strobe, color temperature, hue
- Variable white PAR-style fixture with homogenized single source of light
- Interchangeable lens plates included for medium and wide beam angles
- Soft, even field of light
- Quiet operation for use in any situation with fan speed control
- Green adjustment via DMX or on-board control
- Independent color control over the 6-color engine when a splash of color is needed
- RDM and variable Pulse Width Modulation for setup ease
- Accepts standard 7.5" beam shaping accessories
- 16-bit dimming resolution for smooth fades

Product Overview

Bracket

Gel Frame Holder Clip

5-Pin DMX In/Out

Power Out

Menu Buttons

3-pin DMX In/Out

Power In

Fuse

Gel Frame

Tilt Adjustment Handle

Product Dimensions

9.38 in
238 mm

3.31 in
84 mm

0.51 in
13 mm

12.83 in
326 mm

7.48in
190 mm

7.48in
190 mm

6.85 in
174 mm

6.65 in
169 mm

4.72 in
120 mm

10.28 in
261 mm

7.52 in
191 mm

8.15 in
207 mm

17.76 in
451 mm

12.56 in
319 mm
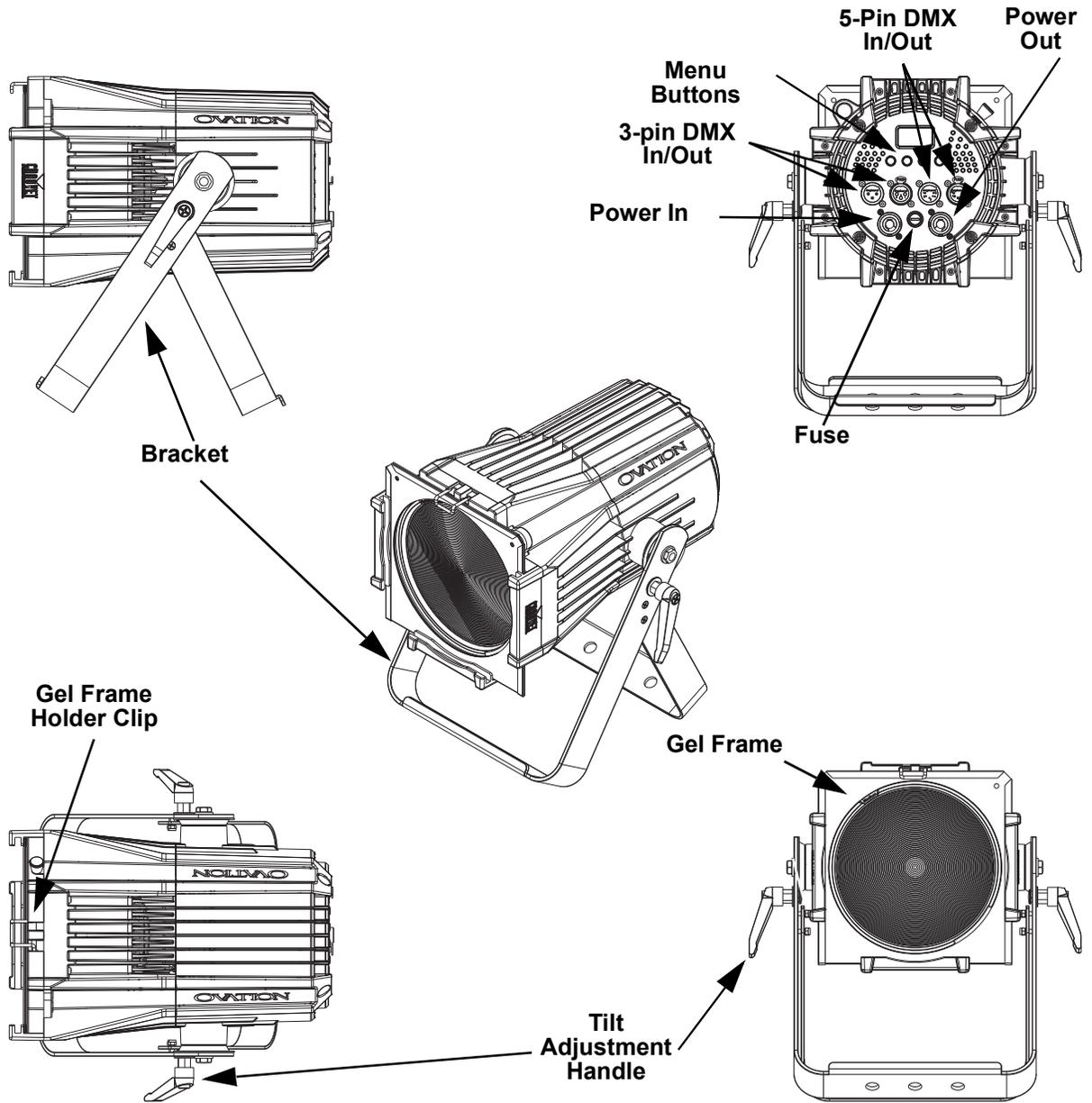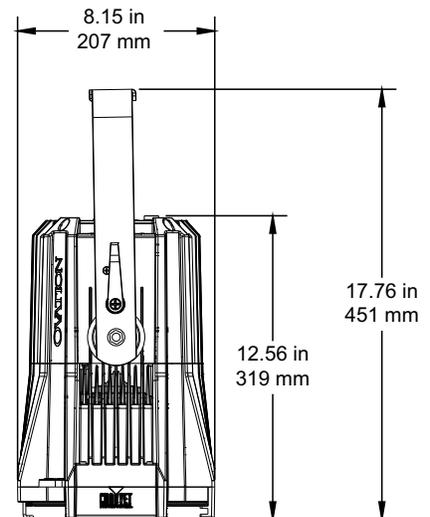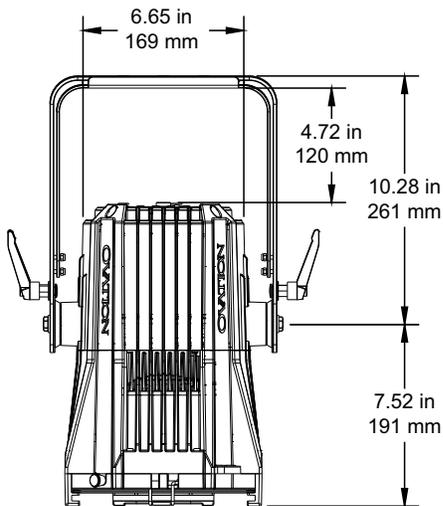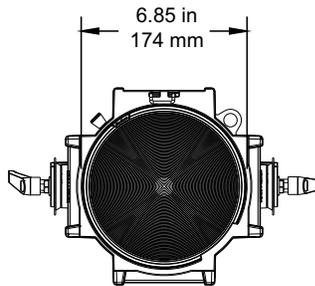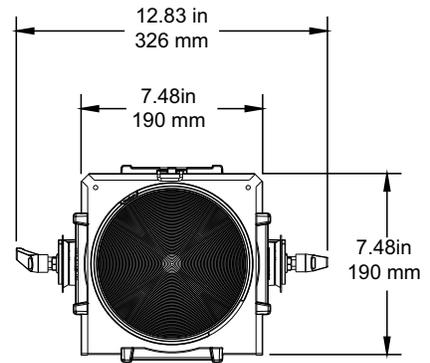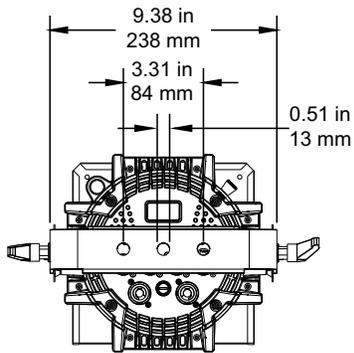
3. SETUP

AC Power

Each Ovation P-56VW has an auto-ranging power supply that works with an input voltage range of 100 to 240 VAC, 50/60 Hz. To determine the power requirements for each Ovation P-56VW, refer to the label affixed to the product. You can also refer to the Technical Specifications chart in this manual. The listed current rating indicates the maximum current draw during normal operation. For more information, download Sizing Circuit Breakers from the Chauvet website: www.chauvetprofessional.com..

⚠️
- **Always connect the product to a protected circuit (circuit breaker or fuse). Make sure 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.**

ℹ️ **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 Ovation P-56VW comes with a power input cord terminated with a Neutrik powerCON A connector on one end and an Edison plug on the other end (U.S. market). If the power input cord that came with your product has no plug, or if you need the change the plug, use the table below to wire the new 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

Power Linking

The product supports power linking. You can power link up to 11 products at 120 V; up to 18 at 208 V; or up to 20 at 230 V. This product comes with a power input cord. Power linking cables are available from Chauvet for purchase.

DMX Linking

You can link the Ovation P-56VW to a DMX controller using a 3- or 5-pin DMX connection. If using other DMX-compatible products with this product, you can control each individually with a single DMX controller.

DMX Personalities

The Ovation P-56VW uses a 3- or 5-pin DMX data connection for the **3 Ch**, **5 Ch**, **6 Ch**, **8 Ch**, **11 Ch**, **15 Ch**, and **17 Ch** DMX personalities.
- Refer to the Introduction for a brief description of each DMX personality.
- Refer to the Operation chapter to learn how to configure the Ovation P-56VW to work in these personalities.
- The DMX Values section provides detailed information regarding the DMX personalities.

Remote Device Management (RDM)

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 Ovation P-56VW supports RDM protocol that allows feedback to make changes to menu map options.

Master/Slave Connectivity

The Master/Slave mode allows a Ovation P-56VW (the master) to control one or more Ovation P-56VW products (the slaves) without a DMX controller. One Ovation P-56VW becomes the master when running an auto or custom program, or by being in a Static mode.

You must configure each slave's control panel to operate in Slave mode. During Master/Slave operation, the slaves will operate in unison with the master.

ℹ️ **DO NOT connect a DMX controller to products operating in Master/Slave mode. The DMX controller signals may interfere with the signals from the master.**

- **The <u>Operation</u> section of this manual provides detailed instructions on how to configure the master and slaves.**
- **If you are not familiar with DMX standards or Master/Slave connectivity, download the DMX Primer from the Chauvet website <u>www.chauvetprofessional.com</u> for more information.**

Mounting

Before mounting the product, read and follow the safety recommendations indicated in the Safety Notes. For our CHAUVET Professional line of mounting clamps, go to <u>http://trusst.com/products/</u>.

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 onto which you are mounting the product can support the product's weight. See the <u>Technical Specifications</u> 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.
- The bracket adjustment knobs allow for directional adjustment when aiming the product to the desired angle. Only loosen or tighten the bracket knobs manually. Using tools could damage the knobs.

Procedure

The Ovation P-56VW comes with a double-bracketed yoke to which you can either attach mounting clamps for hanging or simply use as a floor stand. You must supply the mounting clamps. Make sure the clamps are capable of supporting the weight of this product. Use at least one mounting point per product. For the CHAUVET Professional line of mounting clamps, go to <u>http://www.trusst.com/products.</u>

Mounting Diagram

Mounting Clamp
(such as **CTC-50** or **CTC-50HCN** from Chauvet)

Safety Cable
(such as **CH-05** from Chauvet)

Mounting Bracket

Bracket Adjustment Knob
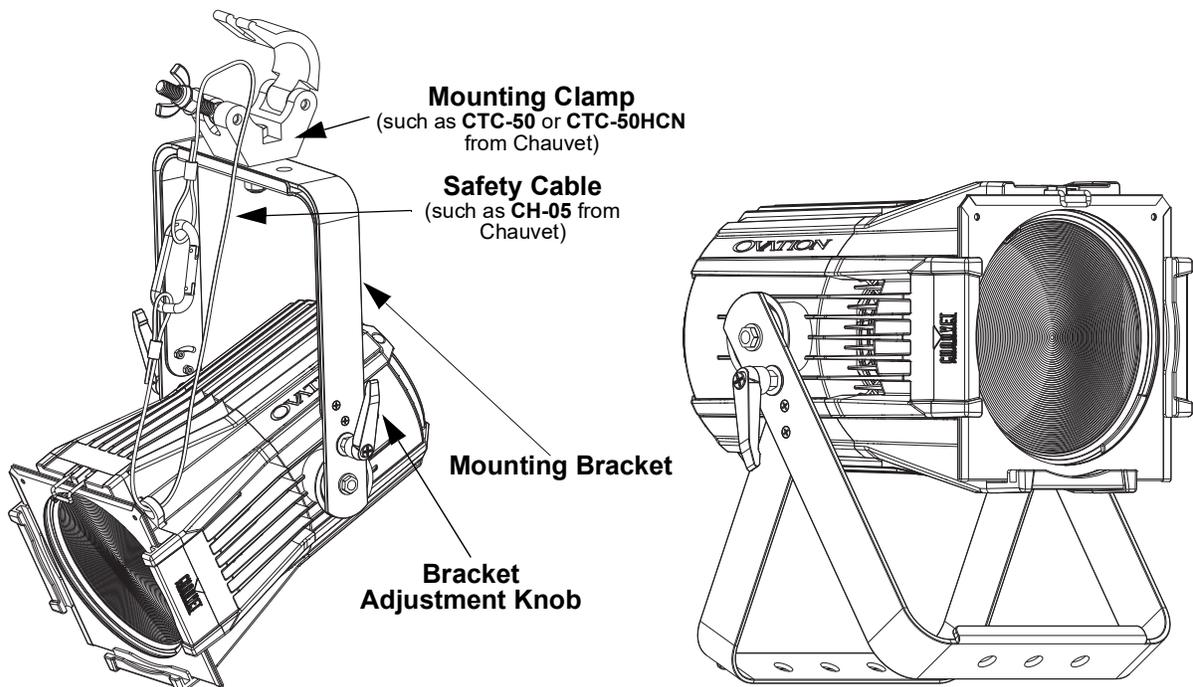
Alternate Lens Changing Procedure

The Ovation P-56VW has the ability to have different types of lenses installed. The interchangeable lenses allow the product to have alternate beam angles.

To remove a lens:
1. Pull knob up.
2. Grab the Tab on the lens and pull it out of the fixture.

Diffusion filter media (gel) attached to the fixture behind the lens may stick to the lens being removed. Use caution when removing to prevent damage to the diffusion gel.

To install a lens:
1. Pull knob up.
2. Insert the bottom of the lens at approx the 5 o'clock position with the lens tab located at the 11 o'clock position.
3. Push the top of the lens in and release the knob..

The lens type is molded into the tab.

Mounting Diagram

Pull knob up to release and change the lens
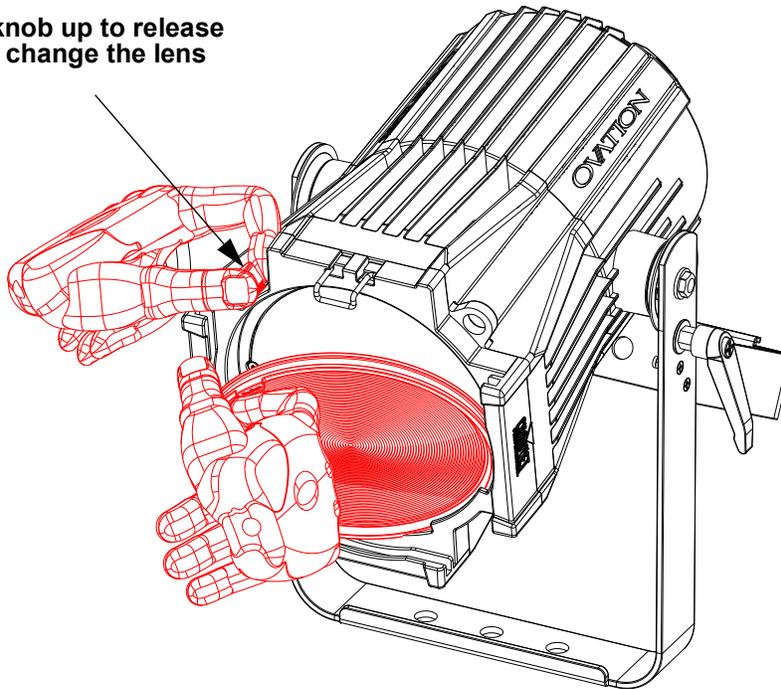
4. Operation

Control Panel Operation

| Button	Function
<MENU>	Exits from the current menu or function
<ENTER>	Enables the currently displayed menu or sets the currently selected value in to the current function
<UP>	Navigates upward through the menu list or increases the numeric value when in a function
<DOWN>	Navigates downward through the menu list or decreases the numeric value when in a function

Control Options

Set the Ovation P-56VW starting address in the 001–512 DMX range. This enables control of up to 30 products in the 17-channel **17 Ch** personality.

Programming

Refer to the Menu Map to understand the menu options. The menu map shows the main level and a variable number of programming levels for each option.
- To go to the desired main level, press **<MENU>** repeatedly until the option shows on the display. Press **<ENTER>** to select. This will take you to the first programming level for that option.
- To select an option or value within the current programming level, press **<UP>** or **<DOWN>** until the option shows on the display. Press **<ENTER>** to select. In this case, if there is another programming level, you will see that first option, or you will see the selected value.
- Press **<MENU>** repeatedly to exit to the previous main level.

Menu Map

Main Level	Programming Levels				Description
DMX Address	**001–510***				Selects DMX address (highest channel restricted to personality chosen)
DMX Channel	**3 Ch**				3-channel: dimmer, color temperature, hue
	5 Ch				5-channel: 16-bit dimmer, color temperature, hue, strobe
	6 Ch				6-channel: red, orange, green, royal blue, blue, lime
	8 Ch				8-channel: dimmer, red, orange, green, royal blue, blue, lime, strobe
	11 Ch				11-channel: dimmer, red, orange, green, royal blue, blue, lime, strobe, color temperature, hue, dimmer speed mode
	15 Ch				15-channel: 16-bit dimmer, 16-bit red, orange, green, royal blue, blue, and lime, strobe
	17 Ch				17-channel: 16-bit dimmer, 16-bit red, orange, green, royal blue, blue, and lime, strobe, color temperature, hue
Static	**Color Temperature**	**2800K**	**Dimmer**	**000–100**	Sets the color temperature, dimmer, and hue (green/magenta) levels. Emulates a tungsten lamp at the specified color temperature.
		2900K			
		3000K			
		3100K			
		3200K			
		3300K			
		3400K			
		3500K			
		3600K			

Main Level	Programming Levels			Description
Static	**Color Temperature**	3700K		Sets the color temperature, dimmer, and hue (green/magenta) levels. Emulates a tungsten lamp at the specified color temperature.
		3800K	**Dimmer** 000–100	
		3900K		
		4000K		
		4100K		
		4200K		
		4300K		
		4400K		
		4500K		
		4600K	**Hue** -25–25	
		4700K		
		4800K		
		4900K		
		5000K		
		5100K		
		5200K		
		5300K		
		5400K		
		5500K		
		5600K		
		5700K		
		6000K		
		6500K		
		7000K		
		7500K		
		8000K		
	Manual Color Mixer	**Red**	<000–255>	Combine red, orange, green, royal blue, blue, and lime LEDs to make a custom color (0–100%)
		Orange		
		Green		
		Royal Blue		
		Blue		
		Lime		
Master/ Slave	**Master**			DMX mode (Master)
	Slave			Slave mode
Dimmer Mode	**Off**			Linear dimmer
	Dimmer 1–3			Dimming curves **Dimmer 1** (fast) to **Dimmer 3** (slow)
White Balance	**Off**			Uses factory default white setting
	Manual	**Red**	<125–255>	Sets red LED maximum value
		Orange		Sets orange LED maximum value
		Green		Sets green LED maximum value
		Royal Blue		Sets royal blue LED maximum value
		Blue		Sets blue LED maximum value
		Lime		Sets lime LED maximum value

Main Level	Programming Levels		Description
LED Frequency	**600Hz**		Sets the PWM frequency
	1200Hz		
	2000Hz		
	4000Hz		
	6000Hz		
	25KHz		
Fan Mode	**Auto**		Sets the fan to auto mode
	On		Sets the fan to always on
	Off		Sets the fan to always off
	Silent		Sets the fan to silent
Back Light	**On**		Display backlight always on
	10S		Turns off display backlight after 10 seconds of inactivity
	20S		Turns off display backlight after 20 seconds of inactivity
	30S		Turns off display backlight after 30 seconds of inactivity
Information	**Fixture Hours**	**<_ _ _ _H>**	Shows total hours the product has been powered on
	Version	**<V_._>**	Shows current firmware version
	UID	**<_ _ _ _ _ _ _ _ _ _ _ _>**	Shows product UID
Reset Factory	**No**		Resets the product to factory default settings
	Yes		

Configuration (DMX)

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

Control Personalities

This setting allows you to choose a particular control personality.

1. Go to the **DMX Channel** main level.
2. Select the desired personality (see table below).

Personality	Channels	Personality	Channels
17 Ch	**17**	**6 Ch**	**6**
15 Ch	**15**	**5 Ch**	**5**
11 Ch	**11**	**3 Ch**	**3**
8 Ch	**8**		

- See the Starting Address section for the highest starting address you can select 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 DMX controller. All products with the same starting address will respond in unison.

1. Go to the **DMX Address** main level.
2. Select the starting address (**001**–**510**).

The highest recommended starting address for each DMX mode is as follows:

Personality	Address	Personality	Address
17 Ch	496	6 Ch	507
15 Ch	498	5 Ch	508
11 Ch	502	3 Ch	510
8 Ch	505		

DMX Values

17 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Dimmer Fine	000 ⇔ 255	0–100%
3	Red	000 ⇔ 255	0–100%
4	Red Fine	000 ⇔ 255	0–100%
5	Orange	000 ⇔ 255	0–100%
6	Orange Fine	000 ⇔ 255	0–100%
7	Green	000 ⇔ 255	0–100%
8	Green Fine	000 ⇔ 255	0–100%
9	Royal Blue	000 ⇔ 255	0–100%
10	Royal Blue Fine	000 ⇔ 255	0–100%
11	Blue	000 ⇔ 255	0–100%
12	Blue fine	000 ⇔ 255	0–100%
13	Lime	000 ⇔ 255	0–100%
14	Lime Fine	000 ⇔ 255	0–100%
15	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
16	Color Temperature	000 ⇔ 255	See Preset Color Temperature Chart
17	Hue	000 ⇔ 255	-25–25

15 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Dimmer Fine	000 ⇔ 255	0–100%
3	Red	000 ⇔ 255	0–100%
4	Red Fine	000 ⇔ 255	0–100%
5	Orange	000 ⇔ 255	0–100%
6	Orange Fine	000 ⇔ 255	0–100%
7	Green	000 ⇔ 255	0–100%
8	Green Fine	000 ⇔ 255	0–100%
9	Royal Blue	000 ⇔ 255	0–100%
10	Royal Blue Fine	000 ⇔ 255	0–100%
11	Blue	000 ⇔ 255	0–100%
12	Blue fine	000 ⇔ 255	0–100%
13	Lime	000 ⇔ 255	0–100%
14	Lime Fine	000 ⇔ 255	0–100%
15	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast

11 Ch

Channel	Function	Value	Percent/Setting		
1	Dimmer	000 ⇔ 255	0–100%		
2	Red	000 ⇔ 255	0–100%		
3	Orange	000 ⇔ 255	0–100%		
4	Green	000 ⇔ 255	0–100%		
5	Royal Blue	000 ⇔ 255	0–100%		
6	Blue	000 ⇔ 255	0–100%		
7	Lime	000 ⇔ 255	0–100%		
8	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast		
9	Color Temperature	000 ⇔ 255	See Preset Color Temperature Chart		
10	Hue	000 ⇔ 255	-25–25		
11	Dimmer Speed Mode	000 ⇔ 051 052 ⇔ 101 102 ⇔ 152 153 ⇔ 203 204 ⇔ 255	No function Dimmer speed mode off Dimmer speed mode 1 Dimmer speed mode 2 Dimmer speed mode 3	Hold for 3 seconds: Overrides and changes menu selection	

8 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Red	000 ⇔ 255	0–100%
3	Orange	000 ⇔ 255	0–100%
4	Green	000 ⇔ 255	0–100%
5	Royal Blue	000 ⇔ 255	0–100%
6	Blue	000 ⇔ 255	0–100%
7	Lime	000 ⇔ 255	0–100%
8	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast

6 Ch

Channel	Function	Value	Percent/Setting
1	Red	000 ⇔ 255	0–100%
2	Orange	000 ⇔ 255	0–100%
3	Green	000 ⇔ 255	0–100%
4	Royal Blue	000 ⇔ 255	0–100%
5	Blue	000 ⇔ 255	0–100%
6	Lime	000 ⇔ 255	0–100%

5 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Dimmer Fine	000 ⇔ 255	0–100%
3	Color Temperature	000 ⇔ 255	See Preset Color Temperature Chart
4	Hue	000 ⇔ 255	-25–25
5	Strobe	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast

3 Ch

Channel	Function	Value	Percent/Setting
1	Dimmer	000 ⇔ 255	0–100%
2	Color Temperature	000 ⇔ 255	See Preset Color Temperature Chart
3	Hue	000 ⇔ 255	-25–25

Preset Color Temperature Chart

DMX Channel Value	Color Temperature	DMX Channel Value	Color Temperature	DMX Channel Value	Color Temperature
000 ⇔ 005	2800k	084 ⇔ 090	3900–4000K	168 ⇔ 174	5100–5200K
006 ⇔ 013	2800–2900K	091 ⇔ 097	4000–4100K	175 ⇔ 181	5200–5300K
014 ⇔ 020	2900–3000K	098 ⇔ 104	4100–4200K	182 ⇔ 188	5300–5400K
021 ⇔ 027	3000–3100K	105 ⇔ 111	4200–4300K	189 ⇔ 195	5400–5500K
028 ⇔ 034	3100–3200K	112 ⇔ 118	4300–4400K	196 ⇔ 202	5500–5600K
035 ⇔ 041	3200–3300K	119 ⇔ 125	4400–4500K	203 ⇔ 209	5600–5700K
042 ⇔ 048	3300–3400K	126 ⇔ 132	4500–4600K	210 ⇔ 216	5700–6000K
049 ⇔ 055	3400–3500K	133 ⇔ 139	4600–4700K	217 ⇔ 223	6000–6500K
056 ⇔ 062	3500–3600K	140 ⇔ 146	4700–4800K	224 ⇔ 230	6500–7000K
063 ⇔ 069	3600–3700K	147 ⇔ 153	4800–4900K	231 ⇔ 237	7000–7500K
070 ⇔ 076	3700–3800K	154 ⇔ 160	4900–5000K	238 ⇔ 244	7500–8000K
077 ⇔ 083	3800–3900K	161 ⇔ 167	5000–5100K	245 ⇔ 255	8000K

Note: The color temperatures above are simulated renditions of the color output produced as compared to a tungsten lamp at the specified color temperature. Chauvet makes no guarantee of the color output accuracy.

Configuration (Standalone)

Use standalone configuration to operate the product without a DMX controller.

Static Mode

The Static mode allows for an unchanging color without a DMX controller.

Color Temperature

1. Go to the **Static** main level.
2. Select **Color Temperature**.
3. Select the desired color temperature (see Preset Color Temperature Chart).
4. Select **Dimmer**
5. Select the desired output level. (**000-100**)
6. Select **Hue**.
7. Select the desired output level. (**-25 ~ 25**)

Manual Color Mixer

1. Go to the **Static** main level.
2. Select **Manual Color Mixer**.
3. Select the color to edit (**Red**, **Orange**, **Green**, **Royal Blue**, **Blue**, or **Lime**).
4. Select the desired output level for that color (**<000–255>**).
5. Repeat steps 3 and 4 until product outputs as desired.

Master/Slave

The Master/Slave mode allows a group of Ovation P-56VW products (the slaves) to simultaneously duplicate the output of another Ovation P-56VW (the master) without a DMX controller.
To set each of the slaves:

1. Go to the **Master/Slave** main level
2. Select **Slave**.

To set the master:

1. Go to the **Master/Slave** main level
2. Select **Master**.
3. Select a static setting.

- The master is the one that runs a program whether in Auto or Static mode.
- Do not connect a DMX controller to the products configured for Master/Slave operation. The DMX controller may interfere with signals from the master.
- The master should be the first product in the daisy chain.

Dimmer Profiles

This setting determines how fast the output of the Ovation P-56VW changes when you modify the output value. This setting provides four different options to simulate the dimming curve of an incandescent lighting product.

1. Go to the **Dimmer Mode** main level.
2. Select a dimmer curve (**Off**, **Dimmer 1**, **Dimmer 2**, or **Dimmer 3**).

Off: The output is proportional (linear) to the dimmer channel value.
Dimmer 1-3: The output follows the dimmer value based on the corresponding dimmer curve, **Dimmer 1** being the fastest.

White Balance

This setting determines the maximum output values for each color, which affects the appearance of a full output white.

1. Go to the **White Balance** main level.
2. Select **Off** (the product will use a default setting) or **Manual**.
3. For **Manual** mode, select the color value to edit (**Red**, **Orange**, **Green**, **Royal Blue**, **Blue**, or **Lime**).
4. Set the maximum value for the selected color (**125–255**).
5. Repeat steps 3 and 4 until the product outputs as desired.

LED Frequency

This option changes the Pulse Width Modulation (PWM) frequency of the LEDs on the Ovation P-56VW.

1. Go to the **LED Frequency** main level.
2. Select PWM Frequency (**600Hz**, **1200Hz**, **2000Hz**, **4000Hz**, **6000Hz**, or **25Khz**).

Fan Mode

This setting determines how the fan speed on the Ovation P-56VW is set.

1. Go to the **Fan Mode** main level.
2. Select **Auto** (fan speed will increase or decrease based on product temperature), **Off** (fan will stay off. Product output will decrease based on product temperature), **Silent** (fan will maintain a constant silent speed), or **On** (fan speed will always be at maximum).

WARNING: When operating in Fan Mode: Off, the fixture will become hotter to the touch than when using other fan modes. Use proper protective equipment to prevent burns. Keep a safe distance from flammable objects.

NOTICE: When operating in Fan Mode: Off, output of the fixture will be reduced and will not reach the same levels as when using other fan modes.

Back Light

This setting allows for selection of the amount of time the backlight on the Ovation P-56VW's display stays on after the last button is pressed on the control panel.

1. Go to the **Back Light** main level.
2. Select **On** (remains on), **10S** (10 seconds), **20S** (20 seconds), or **30S** (seconds).

System Information

This option displays the total number of hours the product has run, the installed software version, and the product's UID.

1. Go to the **Information** main level.
2. Select **Fixture Hours**, **Version**, or **UID**.

Factory Reset

This option restores the Ovation P-56VW to factory default settings.

1. Go to the **Reset Factory** main level.
2. Select **No** or **Yes**.

5. TECHNICAL INFORMATION

Product Maintenance

To maintain optimum performance and minimize wear, clean this product frequently. Usage and environment are contributing factors in determining the cleaning frequency.

Clean this product at least twice a month. Dust build-up reduces light output performance and can cause overheating. This can lead to reduced light source life and increased mechanical wear.

To clean the product:

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 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.

(i) **Always dry the transparent surfaces carefully after cleaning them.**

6. TECHNICAL SPECIFICATIONS

Dimensions and Weight

Length	Width	Height	Weight
12.48 in (317 mm)	12.83 in (326 mm)	14.0 in (363 mm)	12.0 lb (5.5 kg)

Note: Dimensions in inches rounded to the nearest hundredth.

Power

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

Parameter	120 V, 60 Hz	230 V, 50 Hz
Consumption (Operating Current)	150 W (1.22 A)	158 W (0.66 A)
Power linking current (products)	13.6 A (11 products)	13.6 A (20 products)
Fuse	T 3.15 A, 250 V	T 3.15 A, 250 V

Power I/O	U.S./Canada	Worldwide
Power input connector	Neutrik® powerCON® A	Neutrik® powerCON® A
Power output connector	Neutrik® powerCON® B	Neutrik® powerCON® B
Power Cord plug	Edison (U.S.)	Local Plug

Light Source

Type	Power	Lifespan
LED	3~4 W	50,000 hours

Color	Quantity	Current
Red	6	1 A
Green	6	1 A
Blue	10	1 A
Royal Blue	4	1 A
Orange	6	1 A
Lime	16	1 A

Photometrics

Parameter	Medium Lens	Wide Lens
Beam Angle	21°	54°
Field Angle	35°	84°
Illuminance @ 5 m	1,220 lux	220 lux

Thermal

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

DMX

I/O Connector	Channel Range
3- and 5-pin XLR	3, 5, 6, 8, 11, 15 or 17

Ordering

Product Name	Item Code	UPC Number
Ovation P-56VW	781462218485	781462218485

MET ®
c ᴜs

UL 1573
CSA C22.2 No. 166
E113093

CE

RoHS

Photometrics Chart

Light Source

	Medium					Wide	
Distance	**21° Beam Diameter**	**35° Field Diameter**	**Footcandle**		**Footcandle**	**54° Beam Diameter**	**84° Field Diameter**
15 ft	5.56 ft	9.46 ft	136		024	15.29 ft	27.01 ft
20 ft	7.41 ft	12.61 ft	076		014	20.38 ft	36.02 ft
30 ft	11.12 ft	18.92 ft	034		006	30.57 ft	54.02 ft
40 ft	14.83 ft	25.22 ft	019		003	40.76 ft	72.03 ft
50 ft	18.53 ft	31.53 ft	013		002	50.95 ft	90.04 ft
75 ft	27.80 ft	47.29 ft	005		001	76.43 ft	135.06 ft
100 ft	37.07 ft	63.06 ft	003		001	101.91 ft	180.08 ft
125 ft	46.33 ft	78.82 ft	002		000	127.38 ft	225.10 ft
150 ft	55.60 ft	94.59 ft	001		000	152.86 ft	270.12 ft

Field   Beam   Field
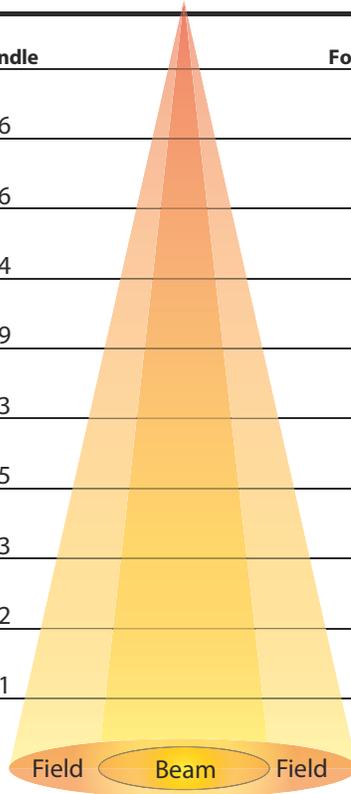
Light Source

	Medium					Wide	
Distance	**21° Beam Diameter**	**35° Field Diameter**	**Lux**		**Lux**	**54° Beam Diameter**	**84° Field Diameter**
1 m	0.37 m	0.63 m	30,500		5,500	1.02 m	1.80 m
2 m	0.74 m	1.26 m	7,625		1,375	2.04 m	3.60 m
5 m	1.85 m	3.15 m	1,220		220	5.10 m	9.00 m
8 m	2.97 m	5.04 m	477		086	8.15 m	14.41 m
10 m	3.71 m	6.31 m	305		055	10.19 m	18.01 m
15 m	5.56 m	9.46 m	136		024	15.29 m	27.01 m
20 m	7.41 m	12.61 m	076		014	20.38 m	36.02 m
25 m	9.27 m	15.76 m	049		009	25.48 m	45.02 m
30 m	11.12 m	18.92 m	034		006	30.57 m	54.02 m

Field   Beam   Field
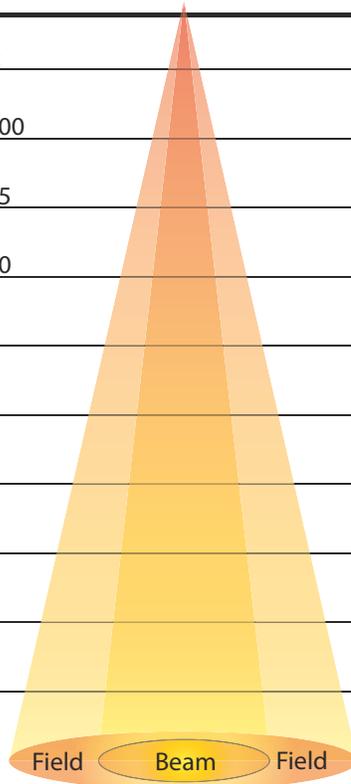
RETURNS

Send the product prepaid, in the original box, and with the original packing and accessories. Chauvet will not issue call tags.

Call Chauvet and request a Return Merchandise Authorization (RMA) number before shipping the product. Be prepared to provide the model number, serial number, and a brief description of the cause(s) for the return.

Clearly label the package with an RMA number. Chauvet will refuse any product returned without an RMA number.

> **Write the RMA number on a properly affixed label. DO NOT write the RMA number directly on the box.**

Once you have the RMA number, provide the following information on a piece of paper and place it inside the box:

- Your name
- Your address
- Your phone number
- RMA number
- A brief description of the problem

Be sure to pack the product properly. Any shipping damage resulting from inadequate packaging will be your responsibility. FedEx packing or double-boxing are recommended.

> **Chauvet reserves the right to use its own discretion to repair or replace returned product(s).**

CONTACT US

General Information	Technical Support
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Voice: (954) 577-4455	Email: chauvetcs@chauvetlighting.com
Fax: (954) 929-5560	
Toll Free: (800) 762-1084	Website: www.chauvetprofessional.com
Chauvet Europe Ltd	
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Visit the applicable website above to verify our contact information and instructions to request support. Outside the U.S., United Kingdom, Ireland, Mexico, France, Germany, or Benelux, contact the dealer of record.