OVATION
F-915FC
User Manual

Model ID: OVATIONF915FC-2

CHAUVET PROFESSIONAL

Edition Notes

The Ovation F-915FC User Manual includes a description, safety precautions, installation, programming, operation and maintenance instructions for the Ovation F-915FC.

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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
13	02/2025	Updated menu map with missing attributes

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1. Before You Begin

What Is Included

- Ovation F-915FC
- Seetronic Powerkon IP65 power cable
- Gel frame holder (7.5 in/191 mm accessories)
- 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 customer's 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.
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 (2.3 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.
  - 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 50 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.
  - Operate this product outdoors or in any location where dust, excessive heat, water, or humidity may affect it (adhere to standards for the published IP rating).
  - 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.
- The minimum ambient temperature is -22°F (-30°C). Do not operate 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 a 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

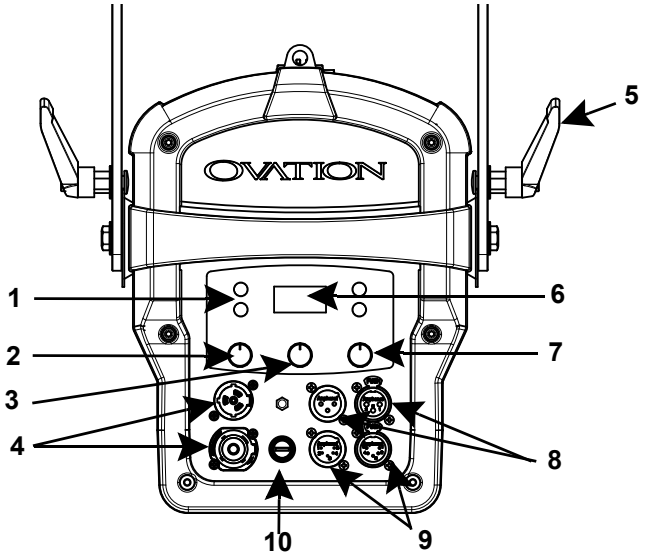
Over time, use and heat will gradually reduce LED brightness. Clustered LEDs produce more heat than single LEDs, contributing to shorter lifespans if always used at full intensity. The average LED lifespan is 40,000 to 50,000 hours. To extend LED lifespan, maintain proper ventilation around the product,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

2. Introduction

Features

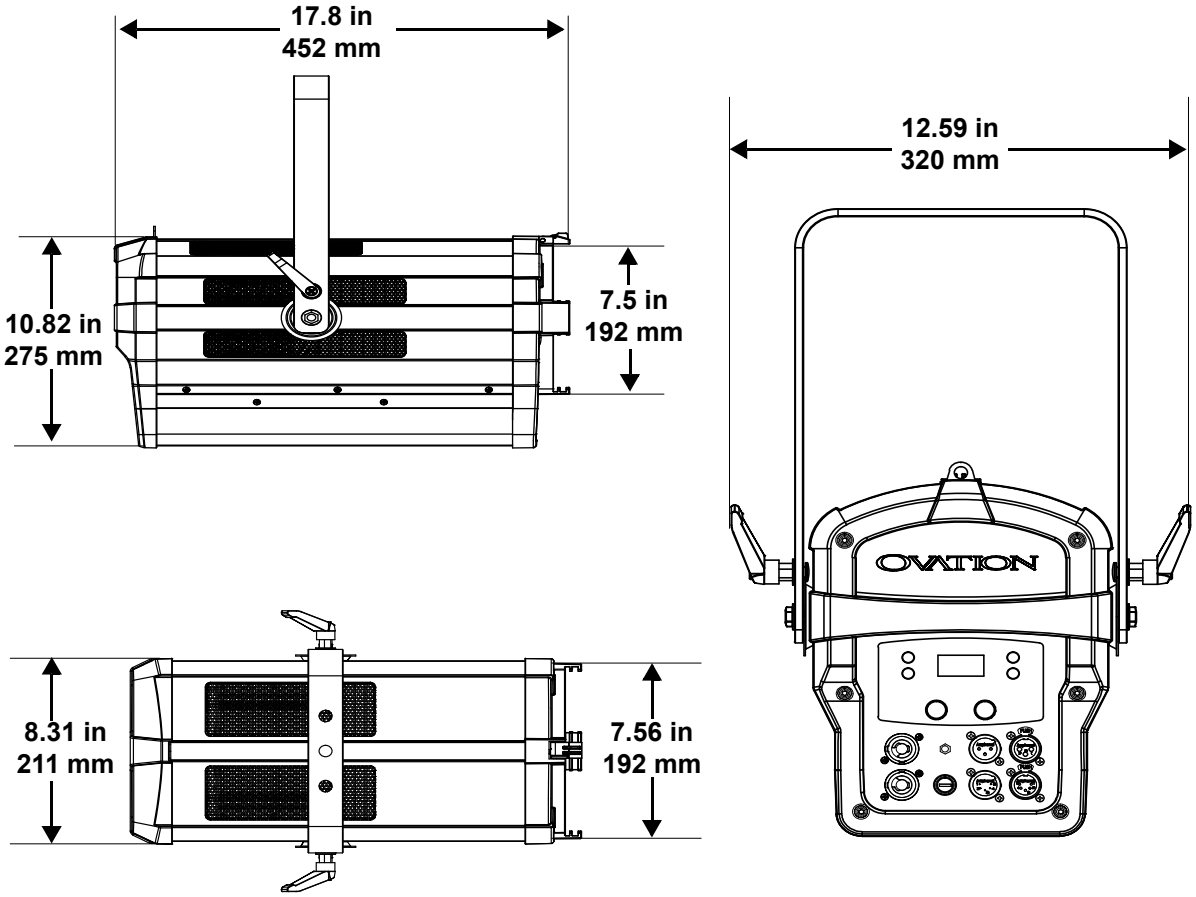
- Full color LED (RGBAL) Fresnel-style lighting fixture for theater, film, and production
- Smooth, motorized zoom from 17° to 85°
- Beautiful 16-bit dimming of master dimmer and individual colors
- Easy-to-use on-board control of color, zoom, and dimming
- Virtual color wheel with color matched to popular gel colors
- Color temperature presets from 2800 K to 6500 K
- RDM (remote device management) for added flexibility
- Adjustable PWM (pulse width modulation) to avoid flickering on camera
- Virtually silent operation for use in studio and theater applications

Product Overview



#	Name
1	Menu buttons
2	Color temperature
3	Dimmer
4	Seetronic powerkon IP65 in/out
5	Tilt adjustment knob (x2)
6	Display
7	Zoom
8	3-pin DMX in/out
9	5-pin DMX in/out
10	Fuse holder

Product Dimensions



3. Setup

AC Power

Each Ovation F-915FC 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 F-915FC, refer to the label affixed to the product or 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 (a 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.**

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 F-915FC comes with a power input cord terminated with a Seetronic powerkon IP65 connector on one end and an Edison plug on the other end (U.S. market). If the power input cord that came with the product has no plug, or if the plug needs to be changed, 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

It is possible to power link Ovation F-915FC products. See the table below for the current draw at each voltage and frequency:

	100 V, 60 Hz	120 V, 60 Hz	208 V, 60 Hz	230 V, 50 Hz	240 V, 50 Hz
Current Draw	3.25 A	2.58 A	1.50 A	1.36 A	1.30 A

Never exceed 12 A on a single circuit. Power-linking cables can be purchased separately

Fuse Replacement

1. Disconnect this product from the power outlet.
2. Using a Phillips #2 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 (T 3.15 A, 250 V).
4. Screw the fuse holder cap back in place and reconnect power.

Make sure to disconnect the product's power cord before replacing a blown fuse. Always replace the blown fuse with another of the same type and rating.

DMX Linking

The Ovation F-915FC can be linked to a DMX controller using a 3- and 5-pin DMX connection. If using other DMX-compatible products with this product, it is possible to control each individually with a single DMX controller.

DMX Personalities

The Ovation F-915FC uses a 3- and 5-pin DMX data connection for the **HSV**, **1Ch**, **3Ch**, **5Ch**, **7Ch**, **11Ch**, **13Ch**, **14Ch**, and **18Ch** 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 F-915FC to work in these personalities.
- The DMX Values section provides detailed information regarding the DMX personalities.

For information about DMX standards, Master/Slave connectivity, or the DMX cables needed to link this product to a DMX controller, download the DMX Primer from the Chauvet website: www.chauvetprofessional.com.

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 with the manufacturer or the DMX controller's User Manual, as not all DMX controllers have this capability. The Ovation F-915FC supports RDM protocol that allows feedback to make changes to menu map options.

Master/Slave Connectivity

The Master/Slave mode allows an Ovation F-915FC (the master) to control one or more Ovation F-915FC products (the slaves) without a DMX controller. One Ovation F-915FC becomes the master when running an auto or custom program, or in Static mode.

Each slave's control panel must be configured to operate in Slave mode. During Master/Slave operation, the slaves will operate in unison with the master.

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 Operation section of this manual provides detailed instructions on how to configure the master and slaves.**
- **For more information about DMX standards or the DMX cables needed to link this product to a DMX controller, download the DMX primer from the Chauvet website: www.chauvetprofessional.com.**

Mounting

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

Orientation

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

Rigging

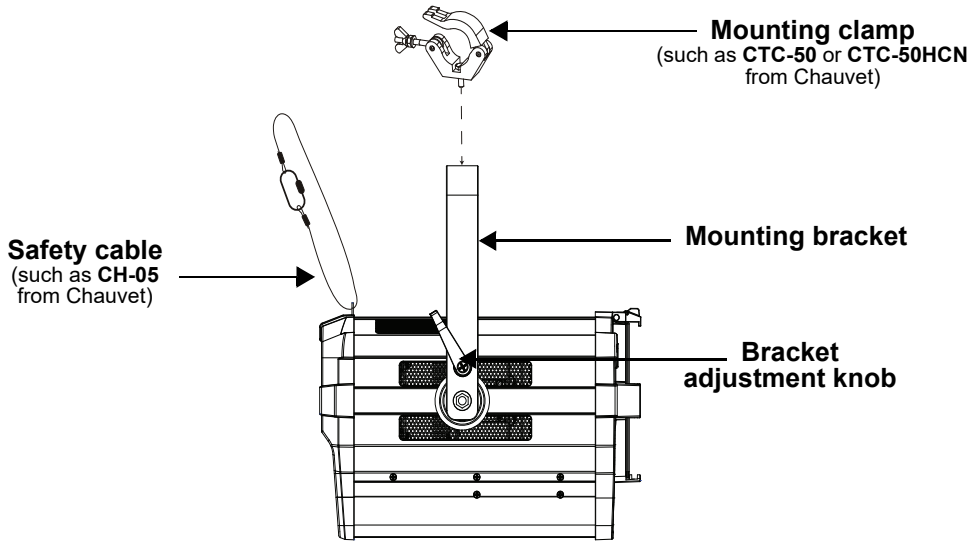
Chauvet recommends using the following general guidelines when mounting this product:

- 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).
- 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 F-915FC comes with a double-bracketed yoke that can be used as a floor stand or to which mounting clamps can be attached for hanging. Mounting clamps must be purchased separately. Ensure that the clamps can support the weight of this product. Use at least one mounting point per product where necessary.

Mounting Diagram



Overhead Mounting

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
<Color Temperature>	Push twice, then turn to select the color temperature
<Dimmer>	Push twice, then turn to increase or decrease the dimmer
<Zoom>	Push twice, then turn to increase or decrease the zoom

Control Options

Set the Ovation F-915FC starting address in the 001-512 DMX range. This enables control of up to 12 products in the 18-channel 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 show 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. This will show either the first option if there is another programming level, or the selected value.
- Press **<MENU>** repeatedly to exit to the previous main level.

DMX Configuration

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

DMX Personalities

This setting allows the user to choose a particular DMX personality.

1. Go to the **DMX Channel** main level.
2. Select the desired personality (**1Ch, 3Ch, 5Ch, 7Ch, 11Ch, 13Ch, 14Ch, 18Ch,** and **HSV**).

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

Starting Address

In this mode, 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 **Address**.
3. Set the starting address (**001**–**512**).

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

DMX Personality	DMX Address	DMX Personality	DMX Address
1Ch	**512**	**11Ch**	**502**
3Ch	**510**	**13Ch**	**500**
5Ch	**508**	**14Ch**	**499**
7Ch	**506**	**18Ch**	**495**

Menu Map

Refer to the Ovation F-915FC product page on www.chauvetprofessional.com for the latest menu map and software.

Main Level	Programming Levels		Description
DMX Address	**Address**	**001–512***	Selects DMX address (*highest channel restricted to personality chosen)
DMX Channel	**1Ch**	**Virtual Color Wheel**	1-channel: dimmer
		Color Temperature	
		Manual Color Mixer	
	3Ch		3-channel: dimmer, virtual color wheel, color temperature
	5Ch		5-channel: RGBAL control
	7Ch		7-channel: dimmer, RGBAL control, strobe
	11Ch		11-channel: dimmer, 16-bit dimmer, RGBAL control, strobe, virtual color wheel, color temperature, zoom
	13Ch		13-channel: dimmer, 16-bit dimmer, RGBAL control,16-bit RGBAL control, strobe
	14Ch		14-channel: dimmer, RGBAL control, strobe, virtual color wheel, color temperature, auto show, auto speed, control, zoom, motor reset
	18Ch		18-channel: dimmer, 16-bit dimmer, RGBAL control, 16-bit RGBAL control, strobe, virtual color wheel, color temperature, zoom, motor reset, control
	HSV		3-channel: hue, saturation, value

Main Level	Programming Levels			Description
Virtual Color Wheel	**Virtual Color Wheel**	**C3050 - Md Yellow** **C3040 - Lt Yellow** **C3240 - Amb Yellow** **C2340 - VLt Amber** **C2040 - Lt Amber** **C2050 - Md Amber** **C2060 - Dk Amber** **C1050 - Lt Red** **C1080 - Md Red** **C1020 - NC Pink** **C1030 - Md Pink** **C1630 - Dk Pink** **C1250 - Md Red Amber** **C1060 - Dk Red Amber** **C1650 - Magenta** **C6170 - Dk Magenta** **C6020 - Lt Lavender** **C5030 - Lt Blue** **C5020 - VLt Blue** **C5430 - Lt Blue 2** **C5070 - Blue** **C5050 - Md Blue** **C5060 - Dk Blue** **C5690 - Indigo** **C5080 - VDk Blue** **C5081 - VDk Blue 2** **C4370 - Yel Green** **C4070 - Green** **C4550 - Turquoise**	**Dimmer 0–255**	Virtual Color Wheel simulates the output of each gel color. Refer to the Virtual Color Wheel Chart for specific values.
Virtual Color Wheel (Cont.)	**Virtual Color Wheel** (Cont.)	**C4560 - Aqua** **C4570 - Blue Green**	**Dimmer 0–255**	Virtual Color Wheel simulates the output of each gel color. Refer to the Virtual Color Wheel Chart for specific values
	Color Temperature	**2800K** **3000K** **3200K** **3500K** **4000K** **4500K** **5000K** **5600K** **6000K** **6500K**	**Dimmer 0–255**	Preset white color temperatures. Emulates a tungsten lamp at the specified color temperature. Refer to the Color Temperature Chart for specific values.
	Manual Color Mixer	**Red** **Green** **Blue** **Amber** **Lime**	**0–255**	Combines red, green, blue, amber, and lime to make a custom color (0–100%)
	Color X-Fade Speed	**Off**		Turns off the fade transition between colors
		X-Fade Speed 1		Creates fade transition between colors when using colors in the Virtual Color Wheel or Color Temperature chart, from fast (**X-Fade Speed 1**) to slow (**X-Fade Speed 4**)
		X-Fade Speed 2		
		X-Fade Speed 3		
		X-Fade Speed 4		

Main Level	Programming Levels			Description
Auto Show	**Auto 1–5**	**1–100**		Selects automatic programs and auto program speed
Zoom	**0–255**			Controls zoom
Red Shift	**On**			Mimics halogen lamp dimming
	Off			
Master/ Slave	**Master**			Receives DMX signal from the DMX controller (master)
	Slave			Receives DMX signal from the master unit
Dimmer Curve	**S-Curve** **Linear** **Square** **Inverse Square**			Sets the dimmer curve
Dimmer Mode	**Off**			Linear dimmer
	Dimmer 1–3			Dimming curves, from fast (**Dimmer 1**) to slow (**Dimmer 3**)
White Balance	**Off**			Uses factory default white setting
	Manual	**Red**	**125–255**	Sets red LED maximum value
		Green		Sets green LED maximum value
		Blue		Sets blue LED maximum value
		Amber		Sets amber LED maximum value
		Lime		Sets lime LED maximum value
LED Frequency	**600Hz** **1200Hz** **2000Hz** **4000Hz** **6000Hz** **25KHz**			Sets the PWM frequency
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	**10S**			Turns off display backlight after 10 seconds of inactivity
	30S			Turns off display backlight after 30 seconds of inactivity
	2Min			Turns off display backlight after 2 minutes of inactivity
	Always On			Display backlight always on
Information	**Fixture Hours**	**_ _ _ _H**		Shows total hours the product has been powered on
	LED Hours	**_ _ _ _H**		Shows the total LED hours
	Version	**V_._**		Shows current firmware version
	UID	**_ _ _ _ _ _ _ _ _ _ _ _**		Shows product UID
Reset Zoom w/ Power	**No**			Keeps zoom in last position when powered on
	Yes			Resets zoom to home position when powered on
Factory Reset	**No**			Resets the product to factory default settings
	Yes			

Standalone Configuration

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.

Virtual Color Wheel

1. Go to the **Virtual Color Wheel** main level.
2. Select **Virtual Color Wheel**.
3. Select the desired gel color (see Virtual Color Wheel Chart).
4. Select the desired output level (**0–255**).

Color Temperature

To select a color temperature, do the following:

1. Go to the **Virtual Color Wheel** main level.
2. Select **Color Temperature**.
3. Select the desired color temperature (see Color Temperature Chart).
4. Select the desired output level (**0–255**).

Manual Color Mixer

To do color mixing without a DMX controller, follow the instructions below:

1. Go to the **Static** main level.
2. Select **Manual Color Mixer**.
3. Select the color to edit (**Red**, **Green**, **Blue**, **Amber**, or **Lime**).
4. Select the desired output level for that color (**0–255**).
5. Repeat steps 3 and 4 until product outputs as desired.

Color X-Fade Speed

To create fade transition between colors when using colors in the Virtual Color Wheel or Color Temperature Chart, do the following:

1. Go to the **Virtual Color Wheel** main level.
2. Select **Color X-Fade Speed**.
3. Select **X-Fade Speed 1-4** (from fast to slow), or **Off** (to turn off the fade transition between colors).

Auto Programs

Auto programs allow for dynamic blinder effects without a DMX controller.

1. Go to **Auto Show** main level.
2. Select the desired auto program (**Auto 1–5**).
3. Select the desired speed (**1–100**).

Zoom

This setting allows standalone control of the motorized zoom. To adjust, do the following:

1. Go to **Zoom** main level.
2. Select the desired output level (**0–255**).

Red Shift

The Red Shift function causes the amber LEDs to imitate the appearance of a halogen lamp when dimming. To adjust the Red Shift function, do the following:

1. Go to the **Red Shift** main level.
2. Select **On** or **Off**.

Master/Slave

The Master/Slave mode allows a group of Ovation F-915FC products (the slaves) to simultaneously duplicate the output of another Ovation F-915FC (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**.

- **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 Curve

To set the dimmer curve, follow the instructions below:

1. Go to the Dimmer Curve main level.
2. Select the desired option (**Linear**, **Square**, **Inverse Square**, or **S-Curve**).

Dimmer Profiles

This setting determines how fast the output of the Ovation F-915FC changes when the output value is modified. It provides four different options to simulate the dimming curve of an incandescent lighting product. To select a specific dimmer profile, do the following:

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**, **Green**, **Blue**, **Amber**, 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 F-915FC. To do so, follow the instructions below:

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 F-915FC 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).

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

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.

Back Light

This setting allows for selection of the amount of time the backlight on the Ovation F-915FC's display stays on after the last button is pressed on the control panel.

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

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**, **LED Hours**, **Version**, or **UID**.

Zoom Reset

This setting determines whether the zoom resets when power is applied to the Ovation F-915FC. To adjust, do the following:

1. Go to the **Reset Zoom w/ Power** main level.
2. Select **No** (zoom stays in last command position when power was removed) or **Yes** (zoom resets when power is applied to the product).

Factory Reset

This option restores the Ovation F-915FC to factory default settings.

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

Virtual Color Wheel

The Ovation F-915FC includes a feature called the Virtual Color Wheel (VCW). This feature is available as a standalone control mode for manual use and as a control channel in select DMX personalities. More than 30 premixed colors, custom blended by Chauvet engineers, are available to call up for easier programming. The DMX values used to mix these colors are provided below. The overall intensity of the Ovation fixture can be adjusted to more closely replicate familiar industry-standard colors. A chart is available at www.chauvetprofessional.com to compare Chauvet's premixed colors with popular gel colors. This chart is for comparison purposes only and is not an assertion that Chauvet's premixed colors match any of the gel colors listed.

Virtual Color Wheel Chart

DMX Channel Value	Display Readout	Red Value	Green Value	Blue Value	Amber Value	Lime Value
000 ⇔ 005	--	000	000	000	000	000
006 ⇔ 013	**C3050 - Md Yellow**	233	163	020	123	255
014 ⇔ 021	**C3040 - Lt Yellow**	224	158	047	255	231
022 ⇔ 028	**C3240 - Amb Yellow**	180	060	000	245	255
029 ⇔ 035	**C2340 - VLt Amber**	245	107	081	255	213
036 ⇔ 043	**C2040 - Lt Amber**	230	130	062	255	155
044 ⇔ 051	**C2050 - Md Amber**	255	000	025	255	194
052 ⇔ 059	**C2060 - Dk Amber**	255	000	024	255	150
060 ⇔ 067	**C1050 - Lt Red**	255	037	027	030	038
068 ⇔ 075	**C1080 - Md Red**	255	004	017	000	000
076 ⇔ 083	**C1020 - NC Pink**	238	135	129	255	255
084 ⇔ 091	**C1030 - Md Pink**	255	131	120	255	195
092 ⇔ 099	**C1630 - Dk Pink**	255	165	123	255	210
100 ⇔ 107	**C1250 - Md Red Amber**	255	000	041	195	055
108 ⇔ 115	**C1060 - Dk Red Amber**	255	000	045	120	030
116 ⇔ 121	**C1650 - Magenta**	255	050	115	255	115
122 ⇔ 130	**C6170 - Dk Magenta**	255	035	117	000	000
131 ⇔ 138	**C6020 - Lt Lavender**	127	122	142	251	255
139 ⇔ 146	**C5030 - Lt Blue**	000	255	197	100	255
147 ⇔ 154	**C5020 - VLt Blue**	158	255	189	000	255
155 ⇔ 162	**C5430 - Lt Blue 2**	000	255	180	000	243
163 ⇔ 170	**C5070 - Blue**	043	255	210	043	036
171 ⇔ 178	**C5050 - Md Blue**	000	255	218	000	181
179 ⇔ 186	**C5060 - Dk Blue**	000	210	206	000	118
187 ⇔ 194	**C5690 - Indigo**	065	000	210	040	055
195 ⇔ 202	**C5080 - VDk Blue**	000	203	230	000	040
203 ⇔ 210	**C5081 - VDk Blue2**	040	199	240	000	045
211 ⇔ 218	**C4370 - Yel Green**	027	255	028	016	104
219 ⇔ 226	**C4070 - Green**	049	255	055	120	090
227 ⇔ 234	**C4550 - Turquoise**	060	230	109	000	245
235 ⇔ 242	**C4560 - Aqua**	020	240	126	036	255
243 ⇔ 250	**C4570 - Blue Green**	000	255	079	030	053
251 ⇔ 255	--	000	000	000	000	000

Note: The colors above are simulated renditions of the color output produced compared with other similar incandescent products. Chauvet makes no guarantee of the color output accuracy.

Color Temperature Chart

DMX Channel Value	Display Readout	Red Value	Green Value	Blue Value	Amber Value	Lime Value
000 ⇔ 005	--	000	000	000	000	000
006 ⇔ 025	**2800K**	237	120	036	255	255
026 ⇔ 050	**3000K**	220	128	050	255	255
051 ⇔ 075	**3200K**	176	128	057	255	255
076 ⇔ 100	**3500K**	154	128	080	255	255
101 ⇔ 125	**4000K**	128	128	112	255	255
126 ⇔ 150	**4500K**	108	128	133	255	255
151 ⇔ 175	**5000K**	097	128	152	255	255
176 ⇔ 200	**5600K**	087	128	170	255	255
201 ⇔ 225	**6000K**	075	128	177	255	255
226 ⇔ 250	**6500K**	066	128	187	255	255
251 ⇔ 255	--	000	000	000	000	000

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

DMX Values

18Ch / 14Ch / 13Ch / 11Ch

11Ch	13Ch	14Ch	18Ch	Function	Value	Percent/Setting
1	1	1	1	**Dimmer**	000 ⇔ 255	0–100%
2	2	–	2	**Dimmer fine**	000 ⇔ 255	0–100%
3	3	2	3	**Red**	000 ⇔ 255	0–100%
–	4	–	4	**Red fine**	000 ⇔ 255	0–100%
4	5	3	5	**Green**	000 ⇔ 255	0–100%
–	6	–	6	**Green fine**	000 ⇔ 255	0–100%
5	7	4	7	**Blue**	000 ⇔ 255	0–100%
–	8	–	8	**Blue fine**	000 ⇔ 255	0–100%
6	9	5	9	**Amber**	000 ⇔ 255	0–100%
–	10	–	10	**Amber fine**	000 ⇔ 255	0–100%
7	11	6	11	**Lime**	000 ⇔ 255	0–100%
–	12	–	12	**Lime fine**	000 ⇔ 255	0–100%
8	13	7	13	**Strobe**	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
9	–	8	14	**Virtual color wheel**	000 ⇔ 255	Refer to Virtual Color Wheel Chart
10	–	9	15	**Color temperature**	000 ⇔ 255	Refer to Color Temperature Chart
11	–	13	16	**Zoom**	000 ⇔ 255	Narrow to wide
–	–	14	17	**Motor reset**	000 ⇔ 200 201 ⇔ 220 221 ⇔ 255	No function Motor reset No function
–	–	10	–	**Auto programs**	000 ⇔ 010 011 ⇔ 060 061 ⇔ 110 111 ⇔ 160 161 ⇔ 210 211 ⇔ 255	No function Auto program 1 Auto program 2 Auto program 3 Auto program 4 Auto program 5
–	–	11	–	**Auto speed**	000 ⇔ 255	Auto speed, slow to fast
–	–	12	18	**Control** (Hold for 3 seconds, then release)	000 ⇔ 007 008 ⇔ 015 016 ⇔ 023 024 ⇔ 031 032 ⇔ 039 040 ⇔ 047 048 ⇔ 055 056 ⇔ 063 064 ⇔ 071 072 ⇔ 079 080 ⇔ 087 088 ⇔ 095 096 ⇔ 103 104 ⇔ 111 112 ⇔ 119 120 ⇔ 127 128 ⇔ 135 136 ⇔ 143 144 ⇔ 151 152 ⇔ 159 160 ⇔ 167 168 ⇔ 255	No function Dimmer reset Red shift on Red shift off Dimmer: S-Curve Dimmer: linear Dimmer: square Dimmer: inverse square Dimmer speed mode off Dimmer speed mode 1 Dimmer speed mode 2 Dimmer speed mode 3 Fan auto Fan on Fan off Fan silent X-Fade Speed: Off X-Fade Speed 1 X-Fade Speed 2 X-Fade Speed 3 X-Fade Speed 4 No function (reserved)

7Ch / 5Ch / 3Ch / 1Ch / HSV

HSV	1Ch	3Ch	5Ch	7Ch	Function	Value	Percent/Setting
–	1	1	–	1	**Dimmer**	000 ⇔ 255	0–100%
–	–	–	1	2	**Red**	000 ⇔ 255	0–100%
–	–	–	2	3	**Green**	000 ⇔ 255	0–100%
–	–	–	3	4	**Blue**	000 ⇔ 255	0–100%
–	–	–	4	5	**Amber**	000 ⇔ 255	0–100%
–	–	–	5	6	**Lime**	000 ⇔ 255	0–100%
–	–	–	–	7	**Strobe**	000 ⇔ 010 011 ⇔ 255	No function Strobe, slow to fast
–	–	2	–	–	**Virtual color wheel**	000 ⇔ 255	Refer to Virtual Color Wheel Chart
–	–	3	–	–	**Color temperature**	000 ⇔ 255	Refer to Color Temperature Chart
1	–	–	–	–	**Hue**	000 ⇔ 255	0–100%
2	–	–	–	–	**Saturation**	000 ⇔ 255	0–100%
3	–	–	–	–	**Value**	000 ⇔ 255	0–100%

Error Codes

See the table below for error codes and recommended solutions:

Error Code	Possible Reason	Potential Solution
Temperature shows -40°C	The thermistor is not welded properly	Replace the board or weld the thermistor
	The temperature wire is not connected or has poor connection	Check the wire connection
Temperature shows 125°C	The thermistor is not welded properly	Replace the board or weld the thermistor
	The temperature control connector short circuited	Check the temperature control wire connector

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.

Always dry the transparent surfaces carefully after cleaning them.

6. Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
17.8 in (452 mm)	12.59 in (320 mm)	10.82 in (275 mm)	19 lb (8.6 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	100 V, 60 H	120 V, 60 Hz	208 V, 60 Hz	230 V, 50 Hz	240 V,
Consumption	313 W	304 W	293 W	293 W	292 W
Operating Current	3.25 A	2.58 A	1.50 A	1.36 A	1.30 A
Power-linking current (products)	12 A (3 products)	12 A (4 products)	12 A (8 products)	12 A (8 products)	12 A (9 products)
Fuse	T 3.15 A, 250 V	T 3.15 A, 250 V	T 3.15 A, 250 V	T 3.15 A, 250 V	T 3.15 A, 250 V

Power I/O	U.S./Canada	Worldwide
Power input connector	Seetronic powerkon IP65	Seetronic powerkon IP65
Power output connector	Seetronic powerkon IP65	Seetronic powerkon IP65
Power cord plug	Edison (U.S.)	Local plug

Light Source

Type	Color	Quantity	Power	Current	Lifespan
LED	Red Green Blue Amber Lime green	18 18 16 16 21	3 W	1.13 A	50,000 hours

Photometrics

Parameter	Value
Beam angle	17° to 54°
Field angle	30° to 85°
Zoom range	17° to 85°
Illuminance @ 5 m (30°)	1,980
Illuminance @ 5 m (85°)	433

Thermal

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

DMX

I/O Connector	Channel Range
3- and 5-pin XLR	1, 3, 5, 7, 11, 13, 14, 18, and HSV

Ordering

Product Name	Item Name	Item Code	UPC Number
Ovation F-915FC	OVATIONF915FC-2	03032351	781462226992

UL 1573
CSA C22.2 No. 166
E113093

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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