MAVERICK SILENS 2 PROFILE

User Manual

Model ID: MAVERICKSILENS2PROFILE

CHAUVET
PROFESSIONAL

Edition Notes

The Maverick Silens 2 Profile User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the Maverick Silens 2 Profile 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

This is revision 13 of the Maverick Silens 2 Profile User Manual. Go to www.chauvetprofessional.com for the latest version.

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1. Before You Begin

What Is Included

- Maverick Silens 2 Profile
- Seetronic Powerkon IP20 power cable
- Gel frame and gel frame holder
- 2 spare gobo holders
- 2 Omega brackets with mounting hardware
- 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.**

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 11 ft (3.5 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.
  - 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 1.64 ft (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).
- 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 -14°F (-10°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 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.

RF Exposure Warning for North America and Australia

Warning! This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and the user. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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

Description

Maverick Silens 2 Profile is the quietest LED moving head ever released for theatre and studio applications. This innovative 560W moving head is completely fanless and designed to operate in total silence without compromises in color-consistency and output. The unit features a 10,000+ lumen output, customized optics with variable CMY + CTO color mixing for superior, luscious colors and a +/- green adjustment to ensure perfectly rendered skin tones. Maverick Silens is also capable of superb animation effects via 1 rotating, 1 static gobo wheel, 1 prism, fully variable frost and an emulated red shift for a tungsten punch. Control the way with DMX, sACN, Art-Net, or CRMX.

Features

- 100% convection cooled for zero fan noise along with silent motion and effects
- 16-bit dimming with selectable red shift of master dimmer for smooth control of fades
- Variable CMY+CTO color mixing system to create a wide pallet of colors
- One rotating and one static gobo wheel with unique, theatrical-based designs
- Interchangeable gobos between rotating and static wheels
- Variable frost system
- +60° or -60° rotation framing shutter system to allow for better framing positioning
- Animation wheel for enhanced visual effects
- Iris for total beam control
- RDM control over DMX for fixture reporting
- 5° to 58° zoom range for variable beam sizes
- True-1-compatible power input and throughput
- Battery backup display with auto-rotate depending on fixture orientation

Product Overview
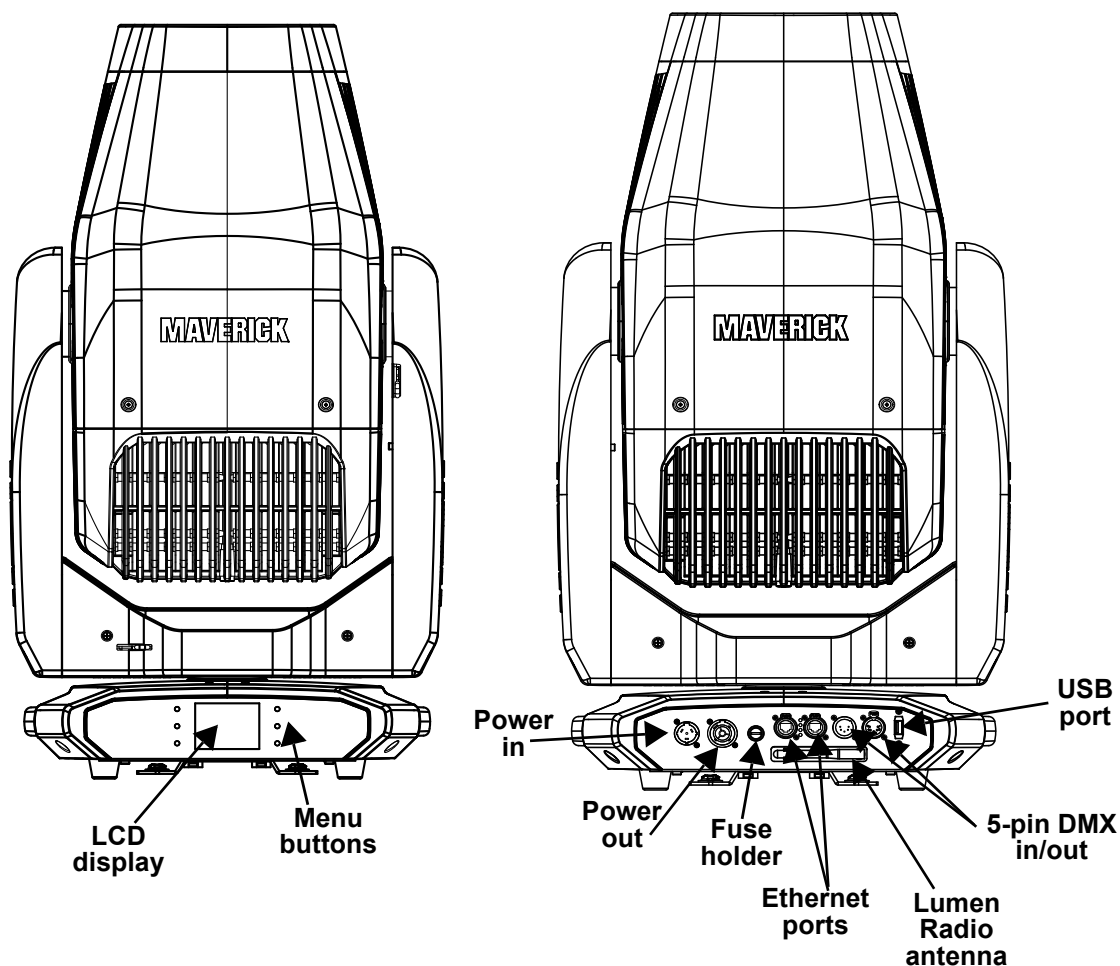
Product Dimensions
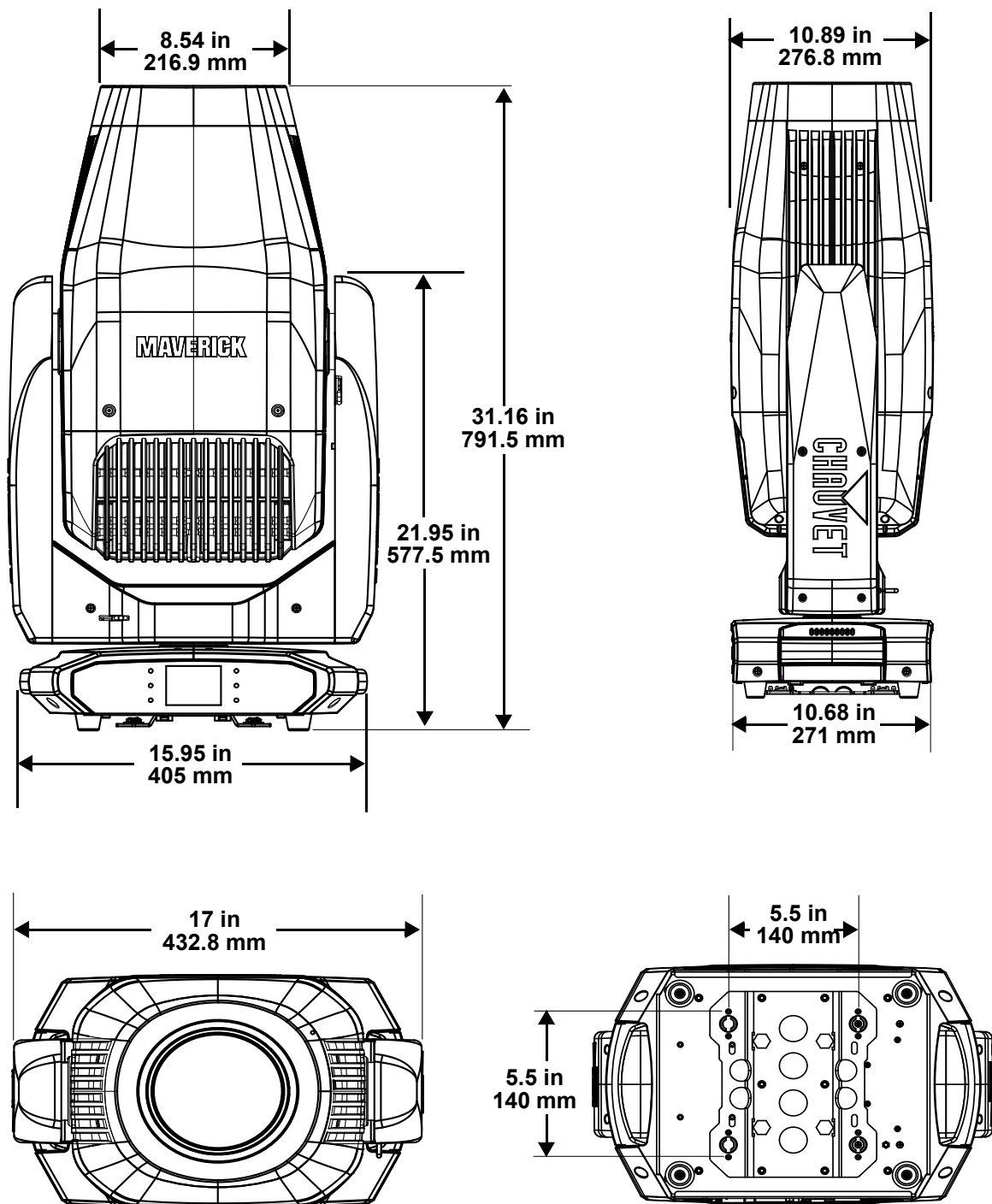
3. Setup

AC Power

The Maverick Silens 2 Profile 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 (e.g., 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). 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 Maverick Silens 2 Profile comes with a power input cord terminated with a Seetronic Powerkon A 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

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 (F 10 A, 250 V).
4. Screw the fuse holder cap back in place and reconnect power.

Power Linking

It is possible to power link Maverick Silens 2 Profile 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, 60 Hz
Current Draw	6.53 A	5.45 A	3.10 A	2.82 A	2.75 A

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

Signal Connections

The Maverick Silens 2 Profile can receive a DMX, Art-Net™, CRMX, or sACN, signal. The Maverick Silens 2 Profile has two Amphenol XLRnet through ports, and 5-pin DMX in and out ports. If using other compatible products with this product, each can be controlled individually with a single controller.

Control Personalities

The Maverick Silens 2 Profile uses a 5-pin DMX data connection, CRMX, Art-Net™, or sACN for its two control personalities: **Dmx Mode 32 CH** and **Dmx Mode 41 CH**.

- Refer to the Operation chapter to learn how to configure the Maverick Silens 2 Profile to work in these personalities.
- The Control Channel Assignments and Values section provides detailed information regarding the control personalities.

> **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.**

DMX Linking

The Maverick Silens 2 Profile can be linked to a DMX controller using a 5-pin DMX connection or a CRMX connection. For more information about DMX, read the DMX primer at: https://www.chauvetprofessional.com/wp-content/uploads/2016/06/DMX_Primer.pdf.

Remote Device Management

Remote Device Management (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 Maverick Silens 2 Profile supports RDM protocol that allows feedback to make changes to menu map options.

Art-Net™ Connection

Art-Net™ is an Ethernet protocol that uses TCP/IP that transfers a large amount of DMX512 data using an Amphenol XLRnet RJ45 connection over a large network. An Art-Net™ protocol document is available from www.chauvetprofessional.com.

Art-Net™ designed by and copyright Artistic Licence Holdings Ltd.

sACN Connection

Streaming ACN, also known as ANSI E1.31, is an Ethernet protocol that uses the layering and formatting of Architecture for Control Networks to transport DMX512 data over IP or any other ACN compatible network.

Connection Diagram

Switch or Router

Computer/ Controller
(running Art-Net™ or sACN protocol)

Maverick Silens 2 Profile

To other Art-Net™ or sACN devices
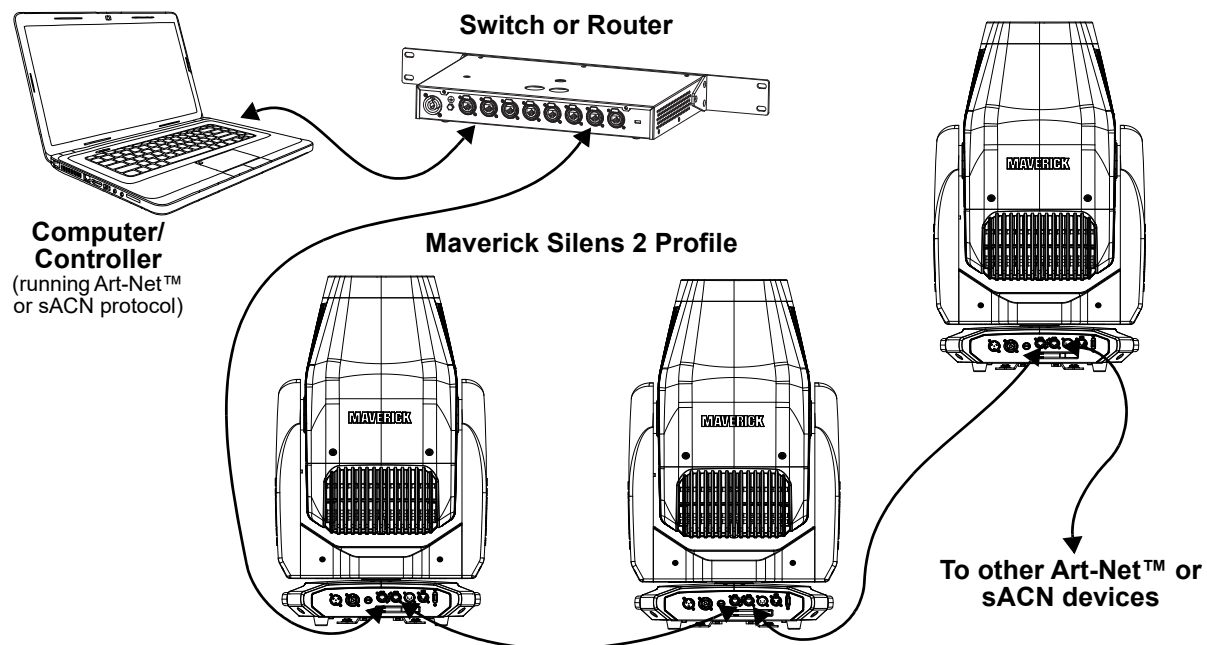
> **The three LED indicators in between the Ethernet through ports indicate a connection to a network and activity on that network. They do not indicate whether or not the Maverick Silens 2 Profile is receiving a signal from a controller.**

USB Software Update

The Maverick Silens 2 Profile allows for software updates with a USB device using the built-in USB port. To update the software using a USB 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 "**Upgrade Firmware**" will be displayed. Press <**ENTER**>. If a different message appears on the display, search for the updated software in the main menu (**Update Firmware**) and select from **Only This Unit**, **Multiple Fixture**, or **Other Fixture Type**. A list of the updated software files will be displayed.
3. Select the file that needs to be uploaded. The message "**Are you sure?**" will be displayed. Press <**ENTER**>.

⚠️ **If the selected file is incorrect, the upgrade will fail, and the display will go back to the main interface. Repeat steps 1–3 using the correct file.**

4. If the selected file is correct, the upgrade will start. **DO NOT** turn off the power or disconnect the USB during the process. USB update can take several minutes to complete.
5. When the update is completed, the fixture will automatically reboot.
6. Go to Fixture Information on the product's menu map and confirm the firmware revision.
7. 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.**

ⓘ **The "Other Fixture Type" option can only be selected for connected products compatible with the Upload 03 (the first 2 digits of the item code must be 03).**

⚠️ **Turning off the power, removing the USB, or not setting the fixture to the correct protocol during the update can cause partial or total firmware failure in the targeted fixture(s). Please refer to [Force Upload](#) section to fix firmware failure issues.**

Force Upload

A Force Upload is done whenever a software update fails due to accidental removal of the USB flash drive, incorrect control protocol, or loss of power during a regular software update process.

ⓘ • **A Force Upload process requires a target fixture (the fixture that needs a Force Upload and a main fixture (the fixture that controls the upload process).**
   • **The Force Upload process can only be done one target fixture at a time.**

To do a Force Upload, follow the instructions below:

1. Link the target fixture to the main fixture via a DMX 5-pin connection. Ensure that the target fixture is turned off.
2. Turn on the main fixture and set its protocol to **DMX512**.
3. Plug the flash drive into the USB-C port of the main fixture.
4. Go to Upgrade Firmware on the menu map.
5. Choose between **Multiple Fixture** and **Other Fixture Type**. Press <**ENTER**>.
   • **Multiple Fixture:** Both the target fixture and main fixture are from the same product line (e.g., 2 Maverick Silens 2 Profile fixtures).
   • **Other Fixture Type:** The target fixture and main fixture are from different product series (e.g., a Maverick Silens 2 Profile as the target fixture and an Ovation Rêve E-3 as the main fixture).
6. Select the file that needs to be uploaded. The message "**Are you sure?**" will appear on the screen. Press <**ENTER**>. Turn on the target fixture within 1–2 seconds of pressing <**ENTER**>. The display on the target fixture should remain off.
   a. The main fixture will show the update progress (0–100%).
   b. The target fixture's display will turn on, and a notification "**<UPDATE>**" will appear on the screen.

📝 **The timing of when the target fixture's display will turn on varies from fixture to fixture.**

7. **DO NOT** turn off power or remove the USB flash drive. Once the software is done uploading, the target fixture will automatically reboot.
8. Go to the target fixture's main menu and confirm that the firmware version has been updated.
9. Reboot the target fixture.

Mounting

Before mounting the product, read and follow the safety recommendations indicated in the <u>Safety Notes</u>. For the 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, always make sure there is easy access to the product for maintenance and programming.
- Make sure that the structure onto which the product is being mounted 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.

Procedure

The Maverick Silens 2 Profile comes with a bracket to which a mounting clamp can be directly attached. Mounting clamps are sold separately. Make sure the clamps are capable of supporting the weight of this product. Use at least two mounting points per product. For the Chauvet Professional line of mounting clamps, go to <u>http://www.trusst.com/products</u>.

Mounting Diagram

Overhead Mounting   **Floor Mounting**
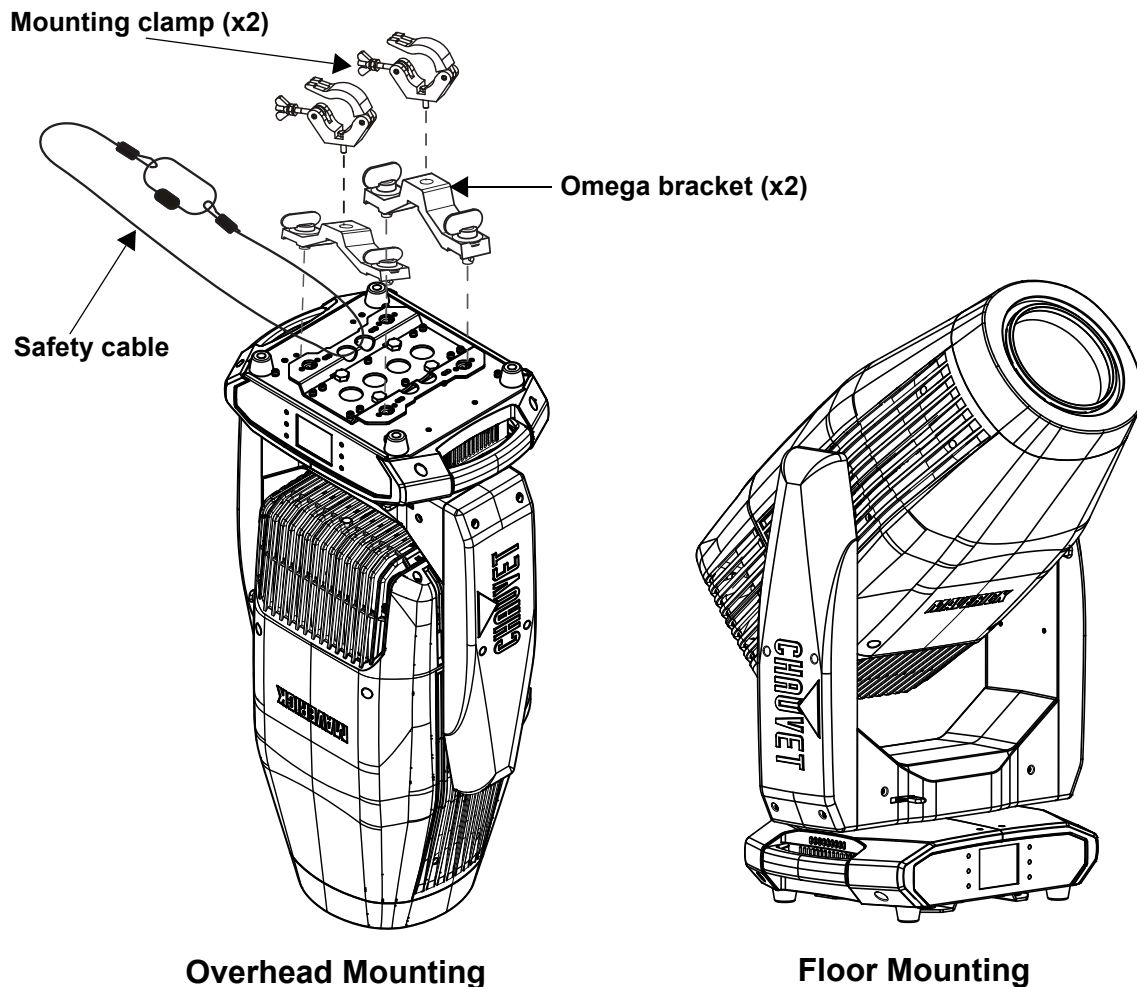
4. Operation

Touchscreen Control Panel

The Maverick Silens 2 Profile has a touchscreen display and six control buttons. Navigate the menu structure by pressing the buttons, touching the images of the buttons on the sides of the display, or touching the desired menu option on the display directly. The touchscreen can be locked and calibrated through the Settings options in the menu (see Touchscreen Calibration and Touchscreen Lock.)

Control Panel Description

Button	Function
⇧	Navigates upwards through the menu list or increases the numeric value when in a function
☰	Exits from the current menu or function
⇩	Navigates downwards through the menu list or decreases the numeric value when in a function
⇦	Navigates leftwards through the menu list
↵	Enables the currently displayed menu or sets the currently selected value into the selected function
⇨	Navigates rightwards through the menu list

Battery-Powered Display

The Maverick Silens 2 Profile has a battery-powered display that enables access to the menu when the product is powered off. Press and hold **<MENU>** until the display activates (approximately 15 seconds).
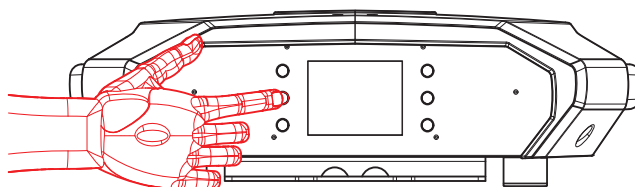
Home Screen

The Maverick Silens 2 Profile has a home screen that shows the current control protocols, personalities, starting addresses, IP addresses, and universes. To see the home screen, press **<MENU>** repeatedly until it shows on the display. From the home screen, touch any of the displayed control settings to immediately jump to that part of the menu, such as the personality, starting address, or universe, or press **<ENTER>** to reach the main menu.

Control Panel Lock

The setting locks or unlocks the control panel.
1. Go to the **Settings** main level.
2. Select the **Lock Screen** option.
3. Select **Off** (control panel stays unlocked) or **On** (locks control panel).

> When the control panel lock is activated, the product will prompt for the passcode in order to access the menu. Enter the passcode: 0920

Followspot Mode

The followspot mode disables the pan and tilt motors, allowing the output of the product to be aimed by hand. To enable the followspot mode of the Maverick Silens 2 Profile, hold **<UP>** and **<LEFT>** while the product is powering on. When the product is turned off and back on, the pan and tilt will return to normal function.
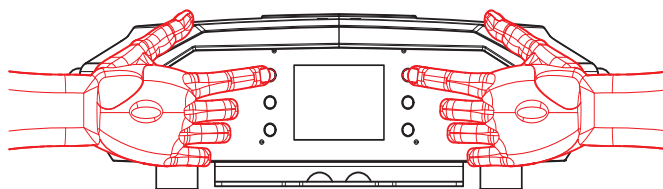
Menu Map

Refer to the Maverick Silens 2 Profile product page on www.chauvetprofessional.com for the latest menu map.

Main Level	Programming Levels		Description
Address	**001–512**		Sets the starting address
Network Setup	**IP Mode**	**Manual**	Manually set IP address
		DHCP	Network sets IP address
		Static	Product sets IP address
	Universe	**000–255** (Art-Net™) **001–256** (sACN)	Sets the universe
	Ip	002._ _ _._ _ _._ _ _	Sets the IP address in Manual mode
	SubMask	_ _ _._ _ _._ _ _._ _ _	Sets the Subnet Mask in Manual mode
Personality	**Dmx Mode 32 CH**		Selects the 32-channel mode
	Dmx Mode 41 CH		Selects the 41-channel mode
Settings	**Control Mode**	**DMX**	Sets the control protocol
		CRMX	
		ArtNet	
		sACN	
	Absolute Silence	**No**	Enables/disables Absolute Silence mode
		Yes	
	Steady	**Off**	Disables Steady mode
		Steady Mode 1	Environment temperature 26 °C
		Steady Mode 2	Environment temperature 35 °C
	Red Shift	**No**	Mimics halogen lamp dimming
		Yes	
	Pan Reverse	**No**	Normal pan
		Yes	Reversed pan
	Tilt Reverse	**No**	Normal tilt
		Yes	Reversed tilt
	Screen Reverse	**No**	Normal display
		Yes	Inverted display
		Auto	Automatic display orientation
	Pan Angle	**540**	540° pan range
		360	360° pan range
		180	180° pan range
	Tilt Angle	**270**	270° tilt range
		180	180° tilt range
		90	90° tilt range
	BL. O. P/T Move	**No**	Do not black out while panning/tilting
		Yes	Blackout while panning/tilting
	BL. O. Color Move	**No**	Do not black out while color wheel moving
		Yes	Blackout while color wheel moving
	BL. O. Gobo Move	**No**	Do not black out while gobo wheels moving
		Yes	Blackout while gobo wheels moving

Main Level	Programming Levels			Description
Settings (cont.)	**Touch Calibration**		**No**	Touchscreen calibration disabled
			Yes	Touchscreen calibration enabled
	Touch Lock		**No**	Touchscreen enabled
			Yes	Touchscreen disabled
	Lock Screen		**Off**	Lock the buttons and touch screen. Passcode: 0920
			On	
	Swap XY		**No**	Do not swap pan and tilt
			Yes	Pan controls tilt, tilt controls pan
	CRMX Reset		**No**	Do not reset CRMX
			Yes	Reset CRMX
	Display Timeout		**30S**	Display turns off after 30 seconds
			1M	Display turns off after 1 minute
			2M	Display turns off after 2 minutes
			On	Display stays on
	Loss of Data		**Hold**	Holds last signal received
			Close	Blacks out fixture
	Dimmer Curve		**Linear**	Set the dimmer curve
			Square	
			I Squa	
			SCurve	
	LED Frequency		**20000Hz**	Sets the LED frequency
			40000Hz	
	Preset Select		**PRESET A**	Recorded preset menu options
			PRESET B	
			PRESET C	
	Preset Sync		**No**	Allows recorded preset menu options to be transferred to other Maverick Silens 2 Profile fixtures in the DMX daisy chain
			Yes	
	Reset	**Pan/Tilt**	**Yes/No**	Reset individual functions or all functions from start-up
		Iris/Prism		
		Color/CMY		
		Gobo/Gobo Rotate		
		Frost		
		Animation		
		Zoom		
		Entire Fixture		
	Factory Settings		**No**	Reset to factory default settings
			Yes	
	Upgrade Firmware	**Only This Unit**	**_ _ _ _ _.CHL**	Selects an update file for this product, or shows "**No such file!**"
			...	
		Multiple Units	**_ _ _ _ _.CHL**	Selects an update file for this and connected Maverick Silens 2 Profile products, or shows "**No such file!**
			...	
		Other Fixture Type	**_ _ _ _ _.CHL**	Selects an update file for other connected products, or shows "**No such file!**"
			...	

Main Level	Programming Levels			Description
	Auto Test		No	Auto test all functions
			Yes	
Test	Manual Test	Pan	000–255	Manually control and test all settings through the control panel
		Pan Fine		
		Tilt		
		Tilt Fine		
		P/T Speed		
		Dimmer		
		Dimmer Fine		
		Shutter/Strobe		
		Virtual Strobe		
		Cyan		
		Magenta		
		Yellow		
		CTO		
		Color		
		Hue Adjustment		
		Red Shift		
		RGobo Wheel		
		Gobo Rotation		
		RGobo Wheel Index Fine		
		Static Gobo Wheel		
		Animation Wheel		
		Shutter Rotate		
		Shutter 1		
		Shutter 1-1		
		Shutter 2		
		Shutter 2-1		
		Shutter 3		
		Shutter 3-1		
		Shutter 4		
		Shutter 4-1		
		Focus		
		Focus Fine		
		Auto Focus		
		Zoom		
		Zoom Fine		
		Prism		
		Prism Rotation		
		Iris		
		Frost		
		Frost Fine		

Main Level	Programming Levels			Description
Information	Fixture Information	Ver	V_	Shows firmware version
		DMX Address	_ _ _	Shows current starting address
		Personality	_ _ _	Shows current personality
		Temperature	_ _°C/_ _°F	Shows current product temperature in °C
		Fixture Hours	_ _ _ _ _	Shows number of hours product has been powered on
		Ip	_ _ _ _ _ _ _	Shows current IP address
		SubMask	_ _ _ _ _ _ _	Shows current Subnet Mask
		MAC	_ _ _ _ _ _ _	Shows current MAC address
	Fan Information	Head Fan1 Speed	_ _ _ _	Shows speed of head fans in rpm
		Head Fan2 Speed	_ _ _ _	
		Head Fan3 Speed	_ _ _ _	
		Head Fan4 Speed	_ _ _ _	
	Error Information		_ _ _ _ _	Shows any errors, or No Error!
	DMX Values	Pan Pan Fine Tilt Tilt Fine P/T Speed Dimmer Dimmer Fine Shutter/Strobe Cyan Magenta Yellow CTO Color Hue Adjustment Red Shift Gobo 1 Gobo1 Rotation Gobo1 Rotation Fine Static Gobo Wheel	000–255	Shows all current values from input signals

Main Level	Programming Levels		Description
Information (cont.)	**DMX Values**	**Animation Wheel** **Shutters Rotate** **Shutter 1-1** **Shutter 1-2** **Shutter 2-1** **Shutter 2-2** **Shutter 3-1** **Shutter 3-2** **Shutter 4-1** **Shutter 4-2** **Focus** **Focus Fine** **Auto Focus** **Zoom** **Zoom Fine** **Prism** **Prism Rotation** **Iris** **Frost** **Frost Fine** **Control**	**000–255**	Shows all current values from input signals

Control Configuration

Use control configurations to operate the product with a DMX, Art-Net™, or sACN controller.

Control Mode

The Maverick Silens 2 Profile works with wired DMX, CRMX, Art-Net™, and sACN control signals. To select which protocol to use:

1. Go to the **Settings** main level.
2. Select the **Control Mode** option.
3. Select the desired protocol, from **DMX**, **CRMX**, **ArtNet**, or **sACN**.

> • See the **CRMX Reset** section for further setup of CRMX.
> • See the **Network Setup** section for further setup of ethernet protocols (Art-Net™ or sACN).

Control Personalities

To set the control personality:

1. Go to the **Personality** main level.
2. Select the desired personality, from **Dmx Mode 32 CH** or **Dmx Mode 41 CH**.

> • See the **Starting Address** section for the highest starting address available 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:

1. Go to the **Address** main level.
2. Select the starting address (**001**–**488**).
   • The highest recommended starting address for **Dmx Mode 32CH** is **481**.
   • The highest recommended starting address for **Dmx Mode 41CH** is **472**.

Network Setup

The Network Setup settings control the IP address, subnet mask, and universe of the product.

IP Mode

To choose how the IP address is set:

1. Go to the **Network Setup** main level.
2. Select the **IP Mode** option.
3. Select the desired IP mode, from **Manual** (to set a custom IP address), **DHCP** (the IP address is assigned by the connected network), or **Static** (the product uses a default, preset IP address).

Universe

To assign an Art-Net™ or sACN universe to the Maverick Silens 2 Profile:

1. Go to the **Network Setup** main level.
2. Select the **Universe** option.
3. Set the universe, from **000–255** (for Art-Net™) or from **001–256** (for sACN).

Manual IP Address

To set the IP address when the **IP Mode** is set to **Manual**:

1. Go to the **Network Setup** main level.
2. Select the **Ip** option.
3. Set the value of the IP address.

Subnet Mask

To set the subnet mask:

1. Go to the **Network Setup** main level.
2. Select the **SubMask** option.
3. Set the values of the subnet mask from **000–255**.

Control Channel Assignments and Values

32CH	41CH	Function	Value	Percent/Setting
1	**1**	**Pan**	000 ⇔ 255	0–100%
2	**2**	**Pan fine**	000 ⇔ 255	Fine control (16-bit)
3	**3**	**Tilt**	000 ⇔ 255	0–100%
4	**4**	**Tilt fine**	000 ⇔ 255	Fine control (16-bit)
–	**5**	**Pan/tilt speed**	000 ⇔ 255	Fast to slow
5	**6**	**Dimmer**	000 ⇔ 255	0–100%
–	**7**	**Dimmer fine**	000 ⇔ 255	Fine control (16-bit)
6	**8**	**Shutter/Strobe**	000 ⇔ 010	No function (shutter open)
			011 ⇔ 082	Shutter effect, slow to fast
			083 ⇔ 093	No function (shutter open)
			094 ⇔ 163	Pulse effect in sequences
			164 ⇔ 174	No function (shutter open)
			175 ⇔ 223	Random effect, slow to fast
			224 ⇔ 255	No function (shutter open)
–	**9**	**Virtual strobe**	000 ⇔ 004	No function
			005 ⇔ 010	Section 1 on
			011 ⇔ 015	Section 2 on
			016 ⇔ 020	Section 3 on
			021 ⇔ 025	Section 4 on
			026 ⇔ 030	Section 5 on
			031 ⇔ 070	Stop between sections 1–5 clockwise, fast to slow
			071 ⇔ 075	Stop
			076 ⇔ 116	Stop between sections 1–5 counterclockwise, slow to fast
			117 ⇔ 121	Stop
			122 ⇔ 162	Fade between sections 1–5 clockwise, fast to slow
			163 ⇔ 167	Stop
			168 ⇔ 208	Fade between sections 1–5 counterclockwise, slow to fast
			209 ⇔ 255	No function
7	**10**	**Cyan**	000 ⇔ 255	0–100%
8	**11**	**Magenta**	000 ⇔ 255	0–100%
9	**12**	**Yellow**	000 ⇔ 255	0–100%
10	**13**	**CTO**	000 ⇔ 255	0–100%
11	**14**	**Color wheel**	000 ⇔ 004	Open
			005 ⇔ 009	Red
			010 ⇔ 013	Orange
			014 ⇔ 018	Dark green
			019 ⇔ 022	Cyan
			023 ⇔ 027	Congo blue
			028 ⇔ 031	UV
			032 ⇔ 187	Split color
			188 ⇔ 219	Color scroll, fast to slow
			220 ⇔ 223	Stop
			224 ⇔ 255	Reverse color scroll, slow to fast
–	**15**	**Hue adjustment**	000 ⇔ 127	-25 to 0 green
			128 ⇔ 255	0 to +25 green
–	**16**	**Red shift**	000 ⇔ 010	No function
			011 ⇔ 127	Red shift off
			128 ⇔ 255	Red shift on

32CH	41CH	Function	Value	Percent/Setting
12	17	**Rotating gobo wheel**	000 ⇔ 005	Open
			006 ⇔ 010	Gobo 1 (Barking up a flaming river)
			011 ⇔ 015	Gobo 2 (Floyd)
			016 ⇔ 020	Gobo 3 (Sparse branches)
			021 ⇔ 025	Gobo 4 (Something linear)
			026 ⇔ 030	Gobo 5 (Super max)
			031 ⇔ 035	Gobo 6 (Windowpane)
			036 ⇔ 040	Gobo 7 (Shower glass)
			041 ⇔ 055	Gobo 1 shaking, slow to fast
			056 ⇔ 070	Gobo 2 shaking, slow to fast
			071 ⇔ 085	Gobo 3 shaking, slow to fast
			086 ⇔ 100	Gobo 4 shaking, slow to fast
			101 ⇔ 115	Gobo 5 shaking, slow to fast
			116 ⇔ 130	Gobo 6 shaking, slow to fast
			131 ⇔ 145	Gobo 7 shaking, slow to fast
			146 ⇔ 200	Gobo scroll, static to fast
			201 ⇔ 255	Reverse gobo scroll, static to fast
13	18	**Gobo 1 rotation**	000 ⇔ 191	Indexing
			192 ⇔ 221	Gobo rotation, fast to slow
			222 ⇔ 225	Stop
			226 ⇔ 255	Reverse gobo rotation, slow to fast
–	19	**Gobo wheel 1 indexing fine**	000 ⇔ 255	Fine control (16-bit)
14	20	**Static gobo wheel**	000 ⇔ 005	Open
			006 ⇔ 010	Gobo 1 (Dotty)
			011 ⇔ 015	Gobo 2 (Stones)
			016 ⇔ 020	Gobo 3 (Leafiness)
			021 ⇔ 025	Gobo 4 (Busted burlap)
			026 ⇔ 030	Gobo 5 (EVH)
			031 ⇔ 035	Gobo 6 (Basketcase)
			036 ⇔ 040	Gobo 7 (CaChow)
			041 ⇔ 045	Gobo 8 (Grass vignette)
			046 ⇔ 060	Gobo 1 shaking, slow to fast
			061 ⇔ 075	Gobo 2 shaking, slow to fast
			076 ⇔ 090	Gobo 3 shaking, slow to fast
			091 ⇔ 105	Gobo 4 shaking, slow to fast
			106 ⇔ 120	Gobo 5 shaking, slow to fast
			121 ⇔ 135	Gobo 6 shaking, slow to fast
			136 ⇔ 150	Gobo 7 shaking, slow to fast
			151 ⇔ 165	Gobo 8 shaking, slow to fast
			166 ⇔ 210	Gobo scroll, static to fast
			211 ⇔ 255	Reverse gobo scroll, static to fast
15	21	**Animation wheel**	000 ⇔ 003	Open / No function
			004 ⇔ 127	Clockwise rotation, fast to slow
			128 ⇔ 131	Stop
			132 ⇔ 255	Counterclockwise rotation, slow to fast
16	22	**Framing shutter rotation**	000 ⇔ 127	Rotation, left to center
			128	Stop
			129 ⇔ 255	Rotation, center to right

32CH	41CH	Function	Value	Percent/Setting
17	23	**Framing shutter 1 movement**	000 ⇔ 255	Movement, outward to inward
18	24	**Framing shutter 1 swiveling**	000 ⇔ 127 128 129 ⇔ 255	Swiveling from -25° to 0° 0° Swiveling from 0° to +25°
19	25	**Framing shutter 2 movement**	000 ⇔ 255	Movement, outward to inward
20	26	**Framing shutter 2 swiveling**	000 ⇔ 127 128 129 ⇔ 255	Swiveling from -25° to 0° 0° Swiveling from 0° to +25°
21	27	**Framing shutter 3 movement**	000 ⇔ 255	Movement, outward to inward
22	28	**Framing shutter 3 swiveling**	000 ⇔ 127 128 129 ⇔ 255	Swiveling from -25° to 0° 0° Swiveling from 0° to +25°
23	29	**Framing shutter 4 movement**	000 ⇔ 255	Movement, outward to inward
24	30	**Framing shutter 4 swiveling**	000 ⇔ 127 128 129 ⇔ 255	Swiveling from -25° to 0° 0° Swiveling from 0° to +25°
25	31	**Focus**	000 ⇔ 255	0–100%
–	32	**Focus fine**	000 ⇔ 255	Fine control (16-bit)
–	33	**Auto focus**	000 001 ⇔ 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 ⇔ 255	Auto focus off 4 m 6 m 8 m 10 m 12 m 14 m 16 m 18 m 4 m 6 m 8 m 10 m 12 m 14 m 16 m 18 m Reserved
26	34	**Zoom**	000 ⇔ 255	0–100%
	35	**Zoom fine**	000 ⇔ 255	Fine control (16-bit)
27	36	**Prism**	000 ⇔ 127 128 ⇔ 255	No function Prism effect
28	37	**Prism rotation**	000 ⇔ 127 128 ⇔ 189 190 ⇔ 193 194 ⇔ 255	Prism indexing Clockwise rotation, fast to slow Stop Counterclockwise rotation, slow to fast

32CH	41CH	Function	Value	Percent/Setting
29	38	Iris	000 ⇔ 192	Large to small
			193 ⇔ 213	Auto change, slow to fast
			214 ⇔ 234	Open, slow to fast
			235 ⇔ 255	Close, slow to fast
30	39	**Frost**	000 ⇔ 255	0–100%
31	40	**Frost fine**	000 ⇔ 255	Fine control (16-bit)
32	41	**Control** (hold for 3 seconds)	000 ⇔ 007	No function
			008 ⇔ 015	Reset all
			016 ⇔ 023	Pan & tilt reset
			024 ⇔ 031	Effects reset (prism, iris, frost)
			032 ⇔ 039	Gobo reset
			040 ⇔ 047	Shutter module reset
			048 ⇔ 055	Other reset (zoom, focus reset)
			056 ⇔ 063	Color reset (CMY + CTO + color)
			064 ⇔ 071	Absolute silence off
			072 ⇔ 079	Absolute silence on
			080 ⇔ 087	Steady off
			088 ⇔ 095	Steady mode 1 (environment temperature 26 °C)
			096 ⇔ 103	Steady mode 2 (environment temperature 35 °C)
			104 ⇔ 111	Linear dimmer
			112 ⇔ 119	Square dimmer curve
			120 ⇔ 127	Inverse square dimmer curve
			128 ⇔ 135	S-curve dimmer
			136 ⇔ 143	Fast dimmer mode
			144 ⇔ 151	Smooth dimmer mode
			152 ⇔ 255	No function

Settings Configuration

Absolute Silence
Absolute Silence slows the pan/tilt and all the moving components inside the fixture to make the unit as absolutely silent as possible while operating. To enable or disable Absolute Silence mode:
1. Go to the **Settings** main level.
2. Select the **Absolute Silence** option.
3. Select from **No** (disables Absolute Silence mode) or **Yes** (enables Absolute Silence mode).

Steady
Steady mode controls the output of the fixture to minimize any drop in output for thermal control. The settings for the Steady mode are based on the ambient temperature where the fixture is in. The hotter the ambient temperature, the dimmer the output. To select the correct Steady mode option:
1. Go to the **Settings** main level.
2. Select the **Steady** option.
3. Select from **Off** (disables Steady mode), **Steady Mode 1** (environment temperature 26 °C), or **Steady Mode 2** (environment temperature 35 °C).

Red Shift
The Red Shift function allows the light in the fixture to mimic halogen lamp dimming. To enable or disable the Red Shift function:
1. Go to the **Settings** main level.
2. Select the **Red Shift** option.
3. Select from **No** (disables Red Shift function) or **Yes** (enables Red Shift function).

Pan Reverse
To set the orientation of the pan:
1. Go to the **Settings** main level.
2. Select the **Pan Reverse** option.
3. Select from **No** (normal pan motion) or **Yes** (reversed pan motion).

Tilt Reverse
To set the orientation of the tilt:
1. Go to the **Settings** main level.
2. Select the **Tilt Reverse** option.
3. Select from **No** (normal tilt motion) or **Yes** (reversed tilt motion).

Screen Reverse
To set the orientation of the display:
1. Go to the **Settings** main level.
2. Select the **Screen Reverse** option.
3. Select from **No** (right-side up), **Yes** (upside-down), or **Auto** (changes depending on the orientation of the product).

Pan Angle
To set the range of motion the pan is permitted:
1. Go to the **Settings** main level.
2. Select the **Pan Angle** option.
3. Select from **540** (540°), **360** (360°), or **180** (180°).

Tilt Angle
To set the range of motion the tilt is permitted:
1. Go to the **Settings** main level.
2. Select the **Tilt Angle** option.
3. Select from **270** (270°), **180** (180°), or **90** (90°).

Blackout on Movement
To set the Maverick Silens 2 Profile to black out on pan or tilt movement, color wheel movement, or gobo wheel movement:
1. Go to the **Settings** main level.
2. Select the **BL. O. P/T Move** (blackout on pan or tilt movement), **BL. O. Color Move** (blackout on color wheel movement), or **BL. O. Gobo Move** (blackout on gobo wheel movement) option.
3. Select from **No** (no blackout on selected movement) or **Yes** (blackout during the selected movement).

Touchscreen Calibration

If the touchscreen is not responding correctly, it may need to be calibrated. To do so:
1. Go to the **Settings** main level.
2. Select the **Touch Calibration** option.
3. Select from **No** (do not calibrate) or **Yes** (calibrate).
4. Follow the instructions on the display.

Touchscreen Lock

To lock the touchscreen and limit the display to operation by the menu buttons:
1. Go to the **Settings** main level.
2. Select the **Touch Lock** option.
3. Select from **No** (do not lock the touchscreen) or **Yes** (lock the touchscreen).

Swap Pan and Tilt

To switch the pan and tilt functions so that what normally controls the pan will control the tilt, and what controls the tilt will control the pan, do the following:
1. Go to the **Settings** main level.
2. Select the **Swap XY** option.
3. Select from **No** (do not swap) or **Yes** (swap so pan controls tilt and tilt controls pan).

CRMX Reset

To reset the CRMX connection and allow the Maverick Silens 2 Profile to connect to a CRMX transmitter:
1. Go to the **Settings** main level.
2. Select the **CRMX Reset** option.
3. Select from **No** (do not reset) or **Yes** (reset the CRMX connection).

> **Follow instructions in the manual or guide for the CRMX controller being used to connect it to the receiver in the Maverick Silens 2 Profile.**

Display Backlight Timer

To set the length of time before an inactive display will turn off:
1. Go to the **Settings** main level.
2. Select the **Display Timeout** option.
3. Select the length of the backlight timer, from **30S** (30 seconds), **1M** (1 minute), **5M** (5 minutes), or **On** (always on).

Loss of Data

To set how the product reacts to a loss in control signal data:
1. Go to the **Settings** main level.
2. Select the **Loss of Data** option.
3. Select from **Hold** (holds the last values received before signal loss) or **Close** (blacks out the product).

Dimmer Curve

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

LED Frequency

To adjust the LED frequency of the product:
1. Go to the **Settings** main level.
2. Select the **LED Frequency** option.
3. Select from **20000Hz** or **40000Hz**.

Preset Selection

To select a preset configuration of menu options:
1. Go to the **Settings** main level.
2. Select the **Preset Select** option.
3. Select from **PRESET A** (default), **PRESET B**, or **PRESET C**.

> • **Changes to settings automatically save to the currently selected preset option.**
> • **If no preset option has been selected, changes to settings save to PRESET A.**
> • **After selecting a preset option, the product will restart.**

Preset Synchronization
To transfer saved preset options from one Maverick Silens 2 Profile to another:
1. Connect the Maverick Silens 2 Profile products to receive the preset options by a DMX daisy chain.
2. Make the Maverick Silens 2 Profile with the preset options to transfer the first in the DMX daisy chain.
3. Power on all of the products.
4. Set all of the products to a Control Mode other than **CRMX** (i.e., **DMX**, **ArtNet**, or **sACN**).
5. On the Maverick Silens 2 Profile with the preset options, go to the **Settings** main level.
6. Select the **Preset Sync** option.
7. Select **No** (to cancel) or **Yes** (to transfer the preset options to the connected products).

> ⓘ
> • **All menu configurations are transferred except for the IP address.**
> • **ONLY connect Maverick Silens 2 Profile products for this function!**

Reset Function
To reset specific functions or the entire product:
1. Go to the **Settings** main level.
2. Select the **Reset Function** option.
3. Select the functions to reset, from **Pan/Tilt**, **Iris/Prism**, **Color/CMY**, **Shutters**, **Gobo/Gobo Rotate**, **Frost**, **Animation**, **Zoom**, or **Entire Fixture**.
4. Select **No** (to cancel) or **Yes** (to reset the selected functions).

Factory Reset
To reset the product to factory default settings:
1. Go to the **Settings** main level.
2. Select the **Factory Reset** option.
3. Select **No** (to cancel) or **Yes** (to reset the product configuration to default factory settings).

Test Mode
Auto Test
To have the Maverick Silens 2 Profile automatically test all functions one after the other:
1. Go to the **Test** main level.
2. Select the **Auto Test** option.

Manual Test
To manually test an individual function of the Maverick Silens 2 Profile:
1. Go to the **Test** main level.
2. Select the **Manual Test** option.
3. Select a function to test. (Available functions are: **Pan**, **Pan Fine**, **Tilt**, **Tilt Fine**, **P/T Speed**, **Dimmer**, **Dimmer Fine**, **Shutter/Strobe**, **Virtual Strobe**, **Cyan**, **Magenta**, **Yellow**, **CTO**, **Color**, **Hue Adjustment**, **Red Shift**, **Rotating Gobo Wheel**, **Rotating Gobo Wheel Index Fine**, **Static Gobo Wheel**, **Animation Wheel**, **Shutter Rotate**, **Shutter 1**, **Shutter 1-1**, **Shutter 2**, **Shutter 2-1**, **Shutter 3**, **Shutter 3-1**, **Shutter 4**, **Shutter 4-1**, **Focus**, **Focus Fine**, **Auto Focus**, **Zoom**, **Zoom Fine**, **Prism**, **Prism Rotation**, **Iris**, **Frost**, and **Frost Fine**)
4. Increase or decrease the value of the selected function from **000–255** to test it.

System Information

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

1. Go to the **Information** main level.
2. Select which information to view, from **Fixture Information** (shows the firmware version, DMX address, temperature, running time, IP address, Subnet Mask, and MAC address), **Error Information** (shows any error the product has), or **DMX Values** (shows the current values of all signal input channels).
3. If necessary, scroll up and down to view all information available in the selected option.

Offset Mode (Zero Adjust)

The Offset mode provides fine adjustments for the home position of every moving part in the optical path and pan and tilt movements. To adjust these options and prevent borders from showing or reduction of the light output:

1. From the main level screen, press and hold **<MENU>** until the passcode screen appears.
2. Enter the passcode: **0920** and press **<ENTER>**.
3. Select the "zero" position to adjust, from **PAN**, **TILT**, **COLOR**, **GOBO**, **GOBO ROTATE**, **GOBO2**, **ANIMATION**, **FOCUS-GOBO**, **FOCUS-GOBO2**, **ZOOM**, **PRISM**, **PRISM2**, **PRISM ROT**, **IRIS**, **FROST**, **FROST2**, **CRI FILTER**, **CYAN**, **MAGENTA**, **YELLOW**, **CTO**, **MAC4**, **MAC5**, or **MAC6**.
4. Adjust the "zero" position for the selected function from **000–255**.

Web Server

The Maverick Silens 2 Profile Web Server can be accessed by any computer on the same network as the product. It allows network access to system information and settings, such as control setup, manual testing of all functions, firmware updates, and the ability to change the Web Server password.

1. Connect the product to power.
2. Set the Control Mode to **ArtNet** and the **IP Mode** to **Static**.
3. Connect the product to a Windows computer with a network cable.
4. On the computer, set the first value of the IP address of the new network to match the first value of the IP address of the product. The IP address of the product is displayed on the Home Screen.
5. Enter the IP address of the product into the URL bar of a web browser on the computer.
6. Enter both the user name and password as **admin** to log in.

Information

The Information page on the Web Server displays the current settings and the system information of the Maverick Silens 2 Profile.

Setup

The Setup page on the Web Server provides options for control, similar to the **Setup** menu on the product. Click **Save Settings** to send the new configuration to the product.

Manual Test

The Manual Test page on the Web Server allows all output functions of the product to be controlled through the browser. To set all functions back to default, click **Reset**.

Firmware Update

The Upgrade page on the Web Server allows the product to be updated with the latest firmware. Go to https://www.chauvetprofessional.com to download firmware updates.
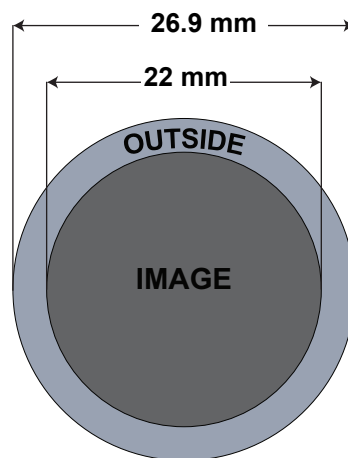
Security

The Security page on the Web Server gives the option to change the password to the connected product's web server. Enter the old password (**admin**, by default) and the new password twice, then click **Save Settings** to change the password.
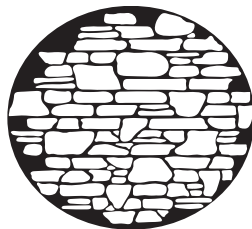
Color Wheel
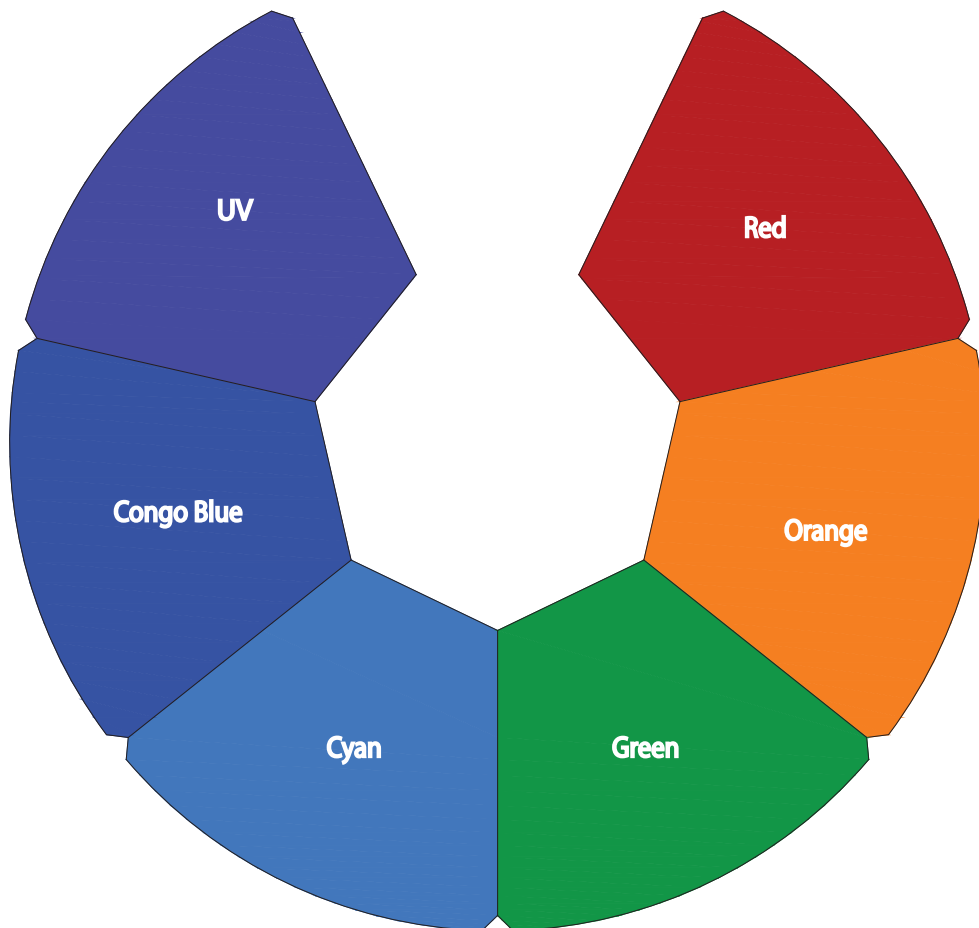
Gobo Dimensions

Gobo Designs

Rotating gobo wheel
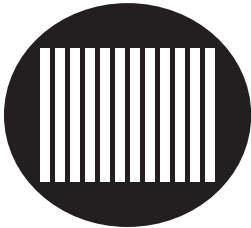
Barking up a flaming river
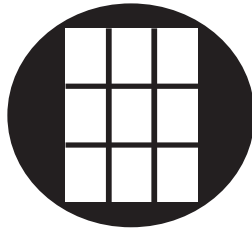(glass gobo)

Floyd
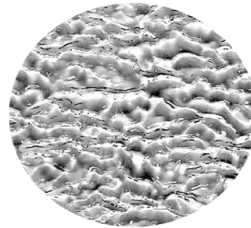(glass gobo)

Sparse braches
(glass gobo)

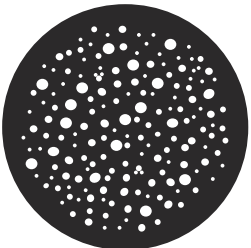Something linear
(glass gobo)

Super Max
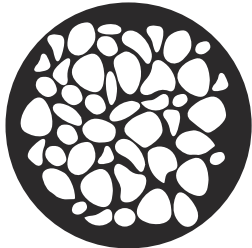(metal or glass gobo)

Window pane
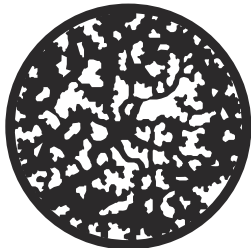(metal or glass gobo)

Shower glass
(textured glass)

Static gobo wheel
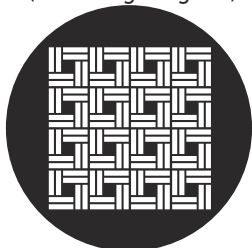
Dotty
(glass gobo)

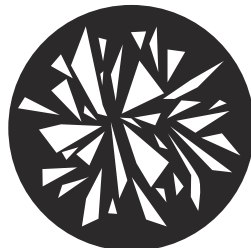Stones
(metal or glass gobo)

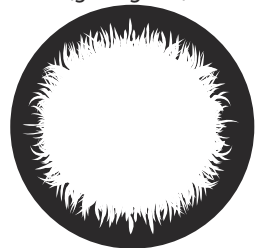Leafiness
(metal or glass gobo)

Busted burlap
(glass gobo)

EVH
(glass gobo)

Basketcase
(metal or glass gobo)

CaChow
(metal or glass gobo)

Grass vignette
(glass gobo)

Gobo Replacement

The gobos in gobo wheel 1 are removable from their gobo holders. This operation is quite simple, although it requires the technician to carefully follow the recommended procedure.

- **Make sure to disconnect the product's power cord before replacing a gobo.**
- **Always replace a gobo with a gobo of the same dimensions.**
- **When inserting a glass gobo, always make sure that the shiny side of the gobo (glass base) faces the lamp. This provides a layer of protection against the high temperature from the lamp.**

Procedure

1. Turn the product off and disconnect it from the power outlet.
2. Open the head cover by loosening the screws on the top cover.
3. Separate the gobo holder away from the gobo wheel by pushing it toward the front of the moving head (direction 1 in the diagram). Be careful not to push the gobo out of the gobo holder.
4. Extract the gobo holder by pulling it outward (direction 2 in the diagram).
5. On a flat surface, remove the expansion ring that holds the gobo in place and remove the gobo from the gobo holder.
6. Insert a new gobo and hold it in place with the expansion ring.
7. Slide the tip of the gobo holder under the pressure plate near the center of the gobo wheel.
8. Push the gobo holder inwards. DO NOT force the gobo holder into the gobo wheel slot. If correctly installed, the gobo holder should easily slide into the gobo wheel slot.
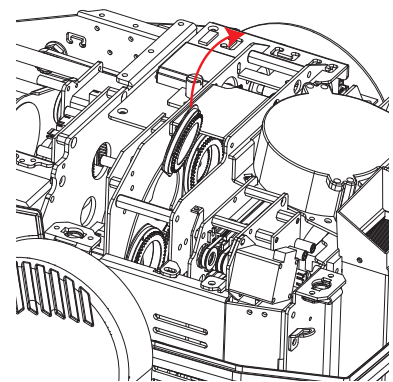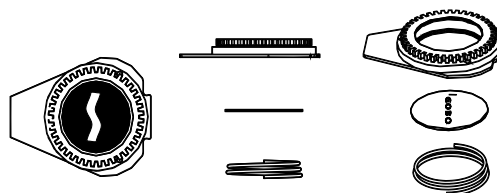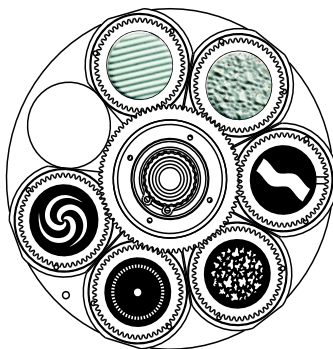
Diagram
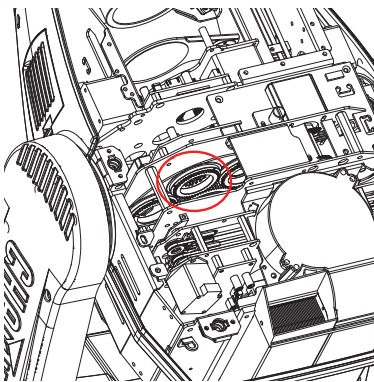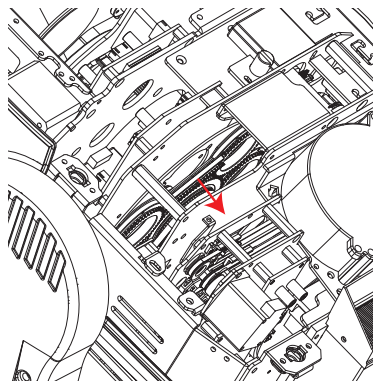
Locate	**Pull back**	**Remove**

Gobo holder

Gobo

Retaining ring

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 the lighting products 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.

Do not spin the cooling fans with compressed air. Damage may result.

6. Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
17 in (433 mm)	10.8 in (276 mm)	31.1 in (792 mm)	75.5 lb (34.4 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	650 W	640 W	639 W	648 W	654 W
Operating current	6.53 A	5.45 A	3.10 A	2.82 A	2.75 A
Power linking	13.6 A (2 products)	13.6 A (2 products)	13.6 A (4 products)	13.6 A (4 products)	13.6 A (4 products)

Power I/O	U.S./Worldwide	UK/Europe
Power input connector	Seetronic Powerkon A	Seetronic Powerkon A
Power cord plug	Edison (U.S.)	Local plug

Light Source

Type	Color	Quantity	Power	Current	Lifespan
LED	Cool white	1	500 W	15.5 A	30,000 hours
	RGB	1	60 W	3.2 A	50,000 hours

Photometrics

Beam Angle	Field Angle	Zoom Range	Cutoff Angle	Illuminance @ 5 m (6.4°)	Iluminance @ 5 m (53.7°)
5° to 50°	6° to 54°	5° to 58°	7° to 58°	29,598 lux	640 lux

Thermal

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

DMX

I/O Connector	Channel Range
5-pin XLR	32 or 41 channels

Art-Net™/sACN

I/O Connector	Channel Range
Amphenol XLR Net RJ45 in/out	32 or 41 channels

Ordering

Product Name	Item Name	Item Code	UPC Number
Maverick Silens 2 Profile	MAVERICKSILENS2PROFILE	03011615	781462219635

RoHS

ART NET ETHERNET   DMX RDM   cMETus UL 1573 CSA C22.2 No. 166 E113093   FC   UK CA   CE

Contact Us

General Information	Technical Support
Chauvet World Headquarters	
Address: 3360 Davie Rd. Davie, FL 33314 Voice: (954) 577-4455 Fax: (954) 929-5560 Toll Free: (800) 762-1084	Voice: (844) 393-7575 Fax: (954) 756-8015 Email: chauvetcs@chauvetlighting.com Website: www.chauvetprofessional.com
Chauvet U.K.	
Address: Pod 1 EVO Park Little Oak Drive, Sherwood Park Nottinghamshire, NG15 0EB UK Voice: +44 (0) 1773 511115 Fax: +44 (0) 1773 511110	Email: UKtech@chauvetlighting.eu Website: www.chauvetprofessional.eu
Chauvet Benelux	
Address: Stokstraat 18 9770 Kruishoutem Belgium Voice: +32 9 388 93 97	Email: BNLtech@chauvetlighting.eu Website: www.chauvetprofessional.eu
Chauvet France	
Address: 3, Rue Ampère 91380 Chilly-Mazarin France Voice: +33 1 78 85 33 59	Email: FRtech@chauvetlighting.fr Website: www.chauvetprofessional.eu
Chauvet Germany	
Address: Bruno-Bürgel-Str. 11 28759 Bremen Germany Voice: +49 421 62 60 20	Email: DEtech@chauvetlighting.de Website: www.chauvetprofessional.eu
Chauvet Mexico	
Address: Av. de las Partidas 34 - 3B (Entrance by Calle 2) Zona Industrial Lerma Lerma, Edo. de México, CP 52000 Voice: +52 (728) 690-2010	Email: servicio@chauvet.com.mx Website: www.chauvetprofessional.mx

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.