

STRIKE **SABER** 10

User Manual



Model ID: STRIKESABER10

Edition Notes

The STRIKE Saber 10 User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the STRIKE Saber 10 as of the release date of this edition.

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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.

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Before You Begin

1. Before You Begin

What Is Included

- STRIKE Saber 10
- Seetronic Powerkon IP65 Power Cable
- 2 Omega clamps
- 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
	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.



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



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

Connection of the control signal: DMX line

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

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

Safety Notes

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



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



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

- The luminaire is intended for professional use only.
- The luminaire should be positioned so that prolonged staring into the luminaire at a distance closer than 1.6 ft (.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:**
 - When using an IP65-rated product in an outdoor environment, use IP65- (or higher) rated power and data cable.
 - Replace and secure IP-rated protective covers to all power, data, USB, or other ports when not in use.
 - Use a safety cable when mounting this product overhead.
 - Connect this product to a grounded and protected circuit.
- **DO NOT:**
 - Open this product. It contains no user-serviceable parts.
 - Look at the light source when the product is on.
 - Leave any flammable material within 20 cm of this product while operating or connected to power.
 - Connect this product to a dimmer or rheostat.
 - Operate this product if the housing, lenses, or cables appear damaged.
 - 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).
 - Submerge this product (adhere to standards for the published IP rating). Regular outdoor operation is fine.
 - Permanently install outdoors in locations with extreme environmental conditions. This includes, but is not limited to:
 - Exposure to a marine/saline environment (within 3 miles of a saltwater body of water).
 - Locations where normal temperatures exceed the temperature ranges in this manual.
 - Locations that are prone to flooding or being buried in snow.
 - Other areas where the product will be subject to extreme radiation or caustic substances.
 - Use for space-heating purposes.
- ONLY use the hanging/mounting bracket to carry this product.
- Depending on the amount of fog/haze generated, all fog/haze machines may set off smoke detectors.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate this product at higher temperatures.
- The minimum ambient temperature is -4°F (-20°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 this Chauvet product requires service, contact Chauvet Technical Support.

FCC Statement of Compliance

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

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

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

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

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

Expected LED Lifespan

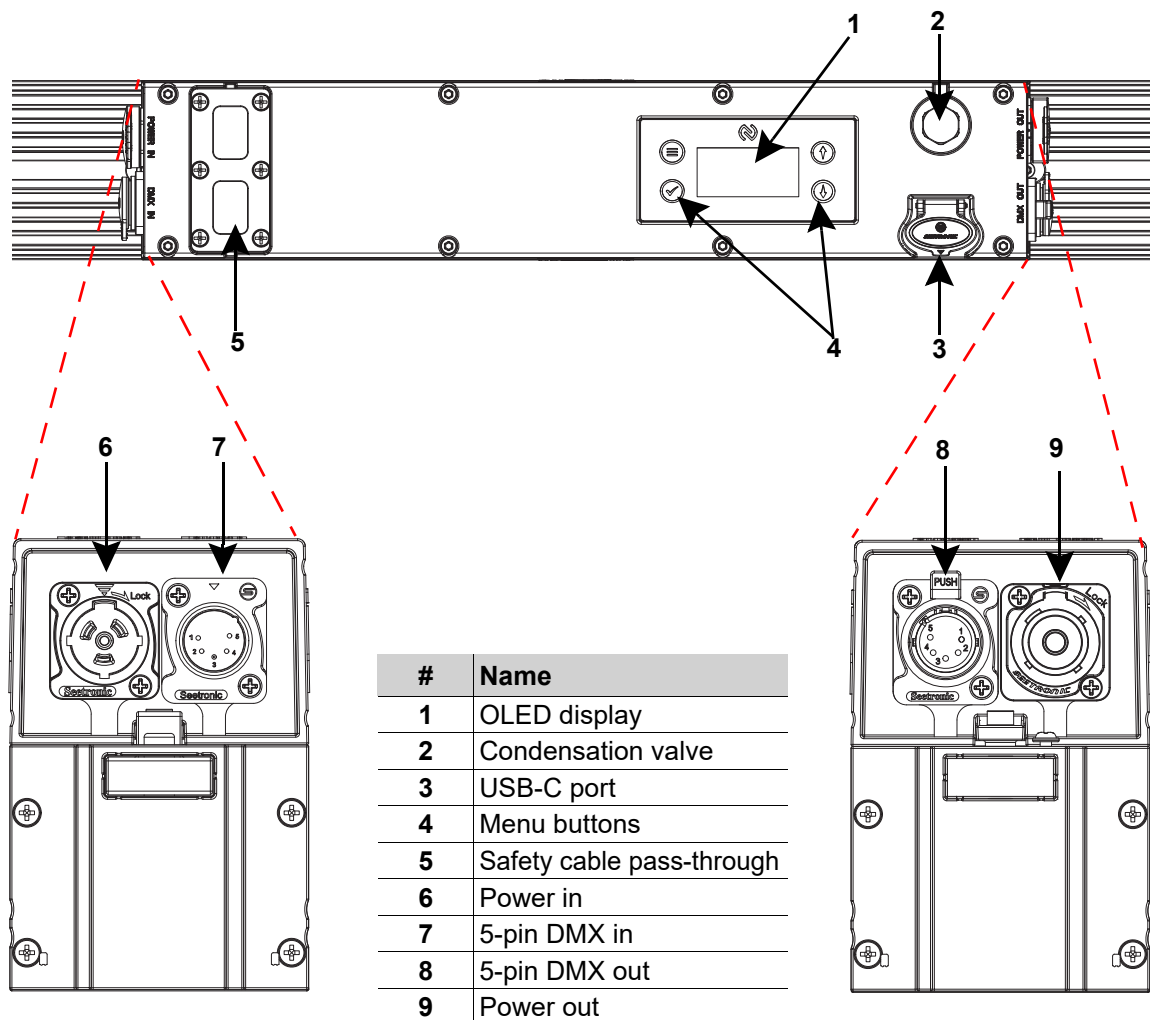
Over time, use and heat will gradually reduce LED brightness. Clustered LEDs produce more heat than single LEDs, contributing to shorter lifespans if always used at full intensity. The average LED lifespan is 40,000 to 50,000 hours. To extend LED lifespan, maintain proper ventilation around the product,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

2. Introduction

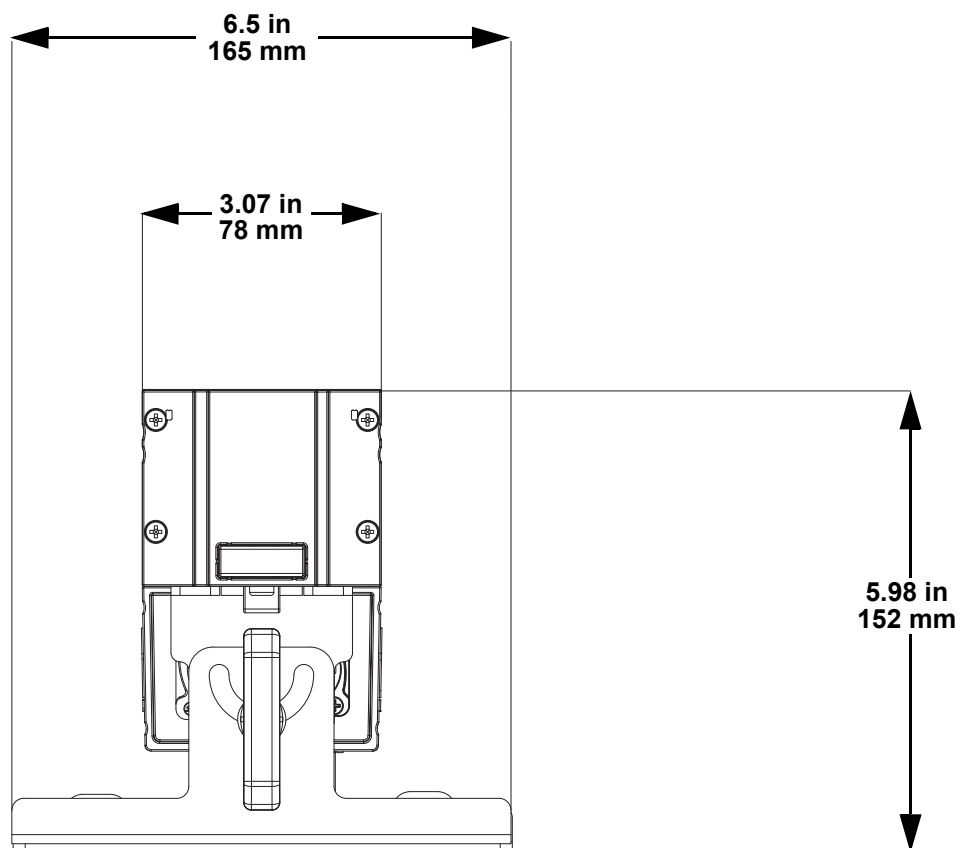
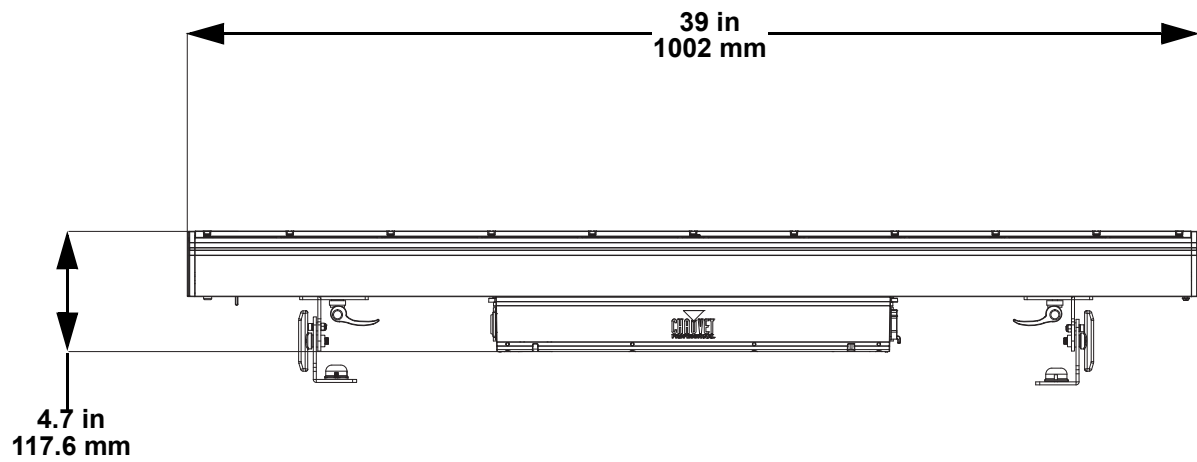
Features

- Intense Fully IP65 10-cell batten perfect as a blinder, footlight, or tunable warm-white wash
- Emulated “red shift” to mimic incandescent fixtures perfectly.
- 16-bit dimming control for smooth, perfect fades
- Strobe functionality for high-impact effects on-the-fly
- Pixel mappable for intense chase and strobe effects
- End-to-end easy rigging.
- NFC Chip built in
- Easy to use OLED display
- Adjustable Pulse Width Modulation (PWM)
- Remote Device Management (RDM) for added flexibility

Product Overview



Product Dimensions



3. Setup

AC Power

The STRIKE Saber 10 has an auto-ranging power supply and it can work with an input voltage range of 100 to 240 VAC, 50/60 Hz.

To determine the product's power requirements (circuit breaker, power outlet, and wiring), use the current value listed on the label affixed to the product's back panel, or refer to the product's specifications chart. The listed current rating indicates the product's average current draw under normal conditions.



- **Always connect the product to a protected circuit (a circuit breaker or fuse). Ensure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.**
- **To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product from power via breaker or by unplugging it.**



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

AC Plug

The STRIKE Saber 10 comes with a power input cable terminated with a Seetronic Powerkon A connector on one end and an Edison plug on the other end (U.S. market). If the power cable which came with the product has no plug, or if it is necessary to change the plug, use the table below to wire a plug.

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

DMX Linking

The STRIKE Saber 10 can link to a DMX controller using a 5-pin DMX connection. For more information about DMX, read the DMX primer at:

https://www.chauvetprofessional.com/wp-content/uploads/2016/06/DMX_Primer.pdf.

DMX Personalities

The STRIKE Saber 10 uses a 5-pin DMX data connection for its 7 DMX personalities, ranging from **1Ch** to **26Ch**.

- Refer to the [Operation](#) chapter to learn how to configure the STRIKE Saber 10 to work in these personalities.
- The [DMX Channel Assignments and 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 the DMX controller's User Manual or with the manufacturer as not all DMX controllers have this capability. The STRIKE Saber 10 supports RDM protocol that allows feedback to make changes to menu map options.

Master/Slave Connectivity

The Master/Slave mode allows an STRIKE Saber 10 (the master) to control one or more STRIKE Saber 10 products (the slaves) without a DMX controller. One STRIKE Saber 10 becomes the master when running an auto 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.

USB Software Update

The STRIKE Saber 10 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. Go to **"Update Firmware"** in the main menu and 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 Fix.**, **Multiple Fix.**, **Other Fix. Type**, or **Fix. to Fix.** A list of the updated software files will be displayed.
3. Select the file that needs to be uploaded and the update will begin. 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.

Mounting

Before mounting the product, read and follow the safety recommendations indicated in the [Safety Notes](#).

Orientation

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

Rigging

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

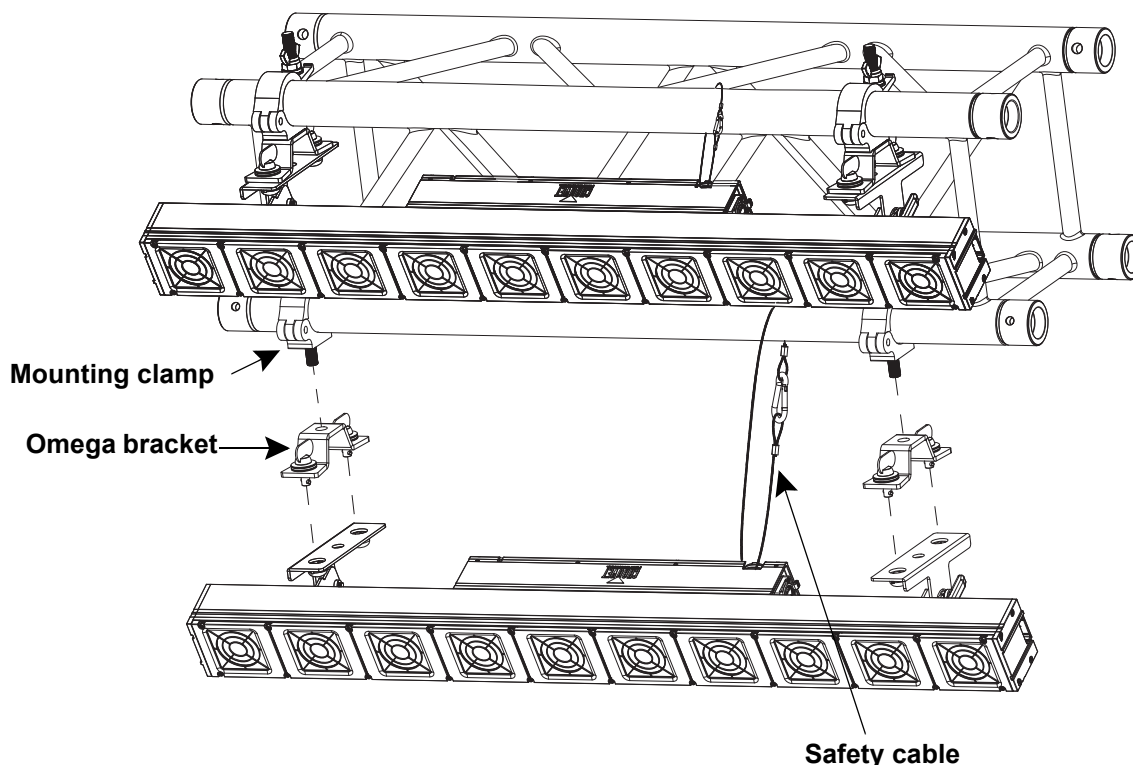
- Before deciding on a location for the product, make sure there is easy access to the product for maintenance and programming purposes.
- Make sure that the structure and attachment points can support the weight before hanging the product (see the [Technical Specifications](#) for weight information).
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, whether an elevated platform or a truss.
- When rigging the product onto a truss, use a mounting clamp of appropriate weight capacity.
- When power linking multiple products, mount the products close enough for power-linking cables to reach.
- 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 STRIKE Saber 10 uses two included Omega brackets for mounting. The user can directly attach a mounting clamp (sold separately) to the Omega brackets. Make sure the clamp is capable of supporting the weight of this product. For the Chauvet Professional line of mounting clamps, go to

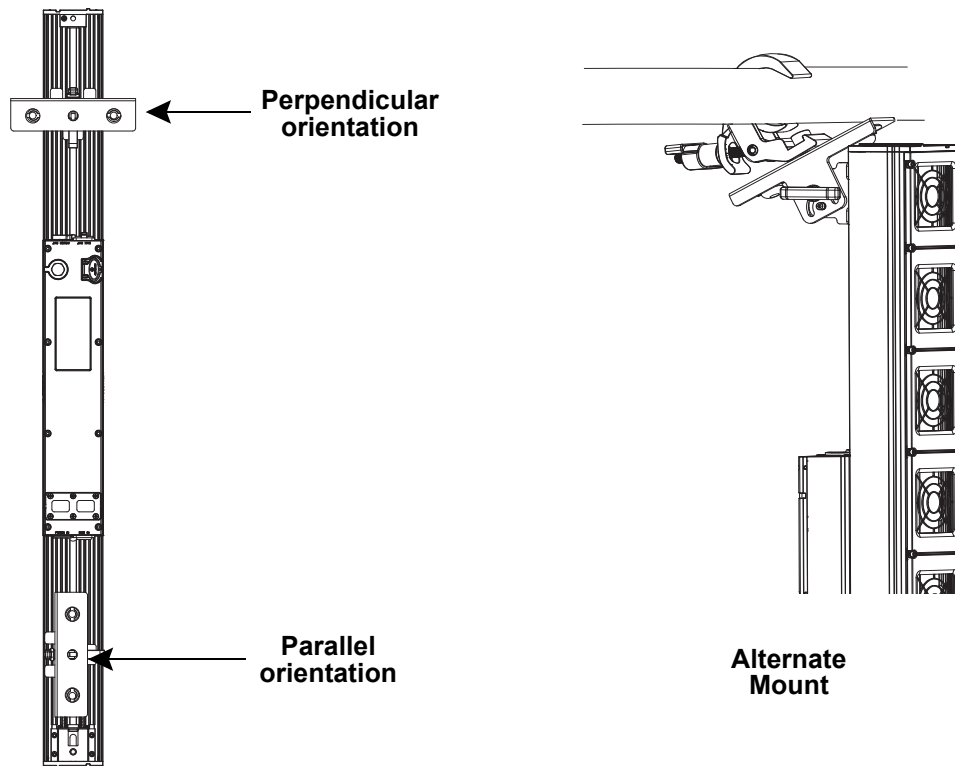
<http://www.trusst.com/products>.

Mounting Diagram



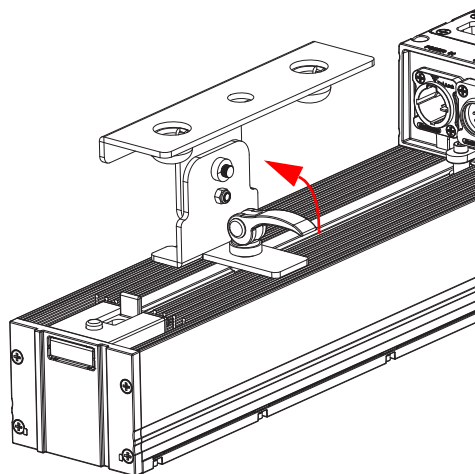
Alternate Mounting

The STRIKE Saber 10 has adjustable feet for mounting into various orientations.

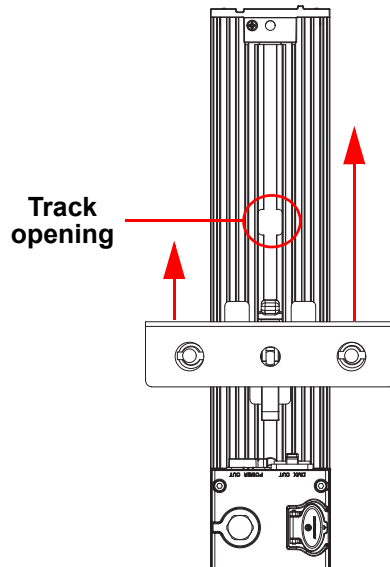


Rotating The Feet

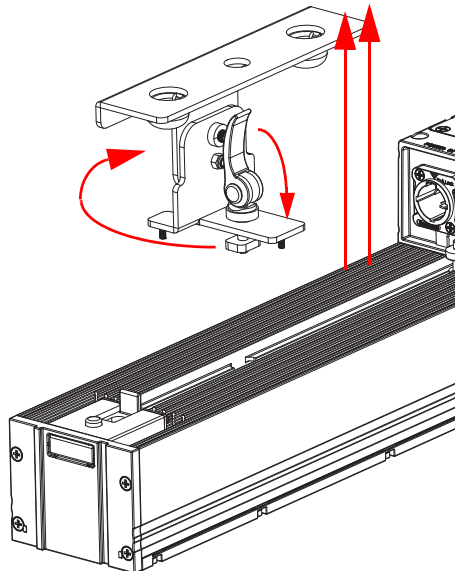
1. Lift up the Quick Release Latch to loosen the feet.



2. Slide the feet along the tracks towards the track opening.

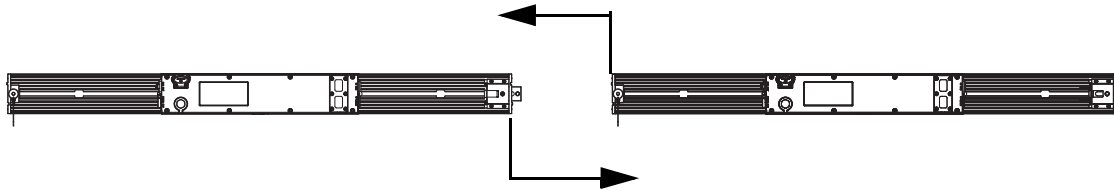


3. Lift the feet away from the fixture and rotate to the desired orientation.
4. To reinstall the feet at any 90° angles, lower the feet into the track opening and slide it to its desired position.
5. Turn the Quick Release Latch clockwise to tighten the feet unto the tracks.
6. Snap the Quick Release Latch down to secure the feet.

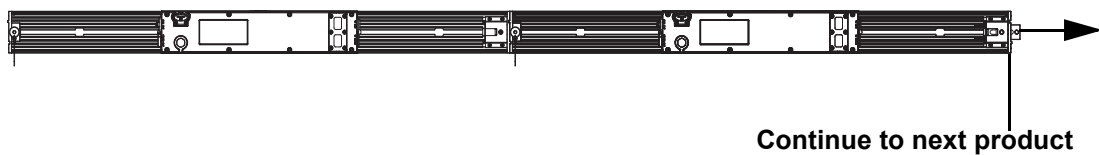
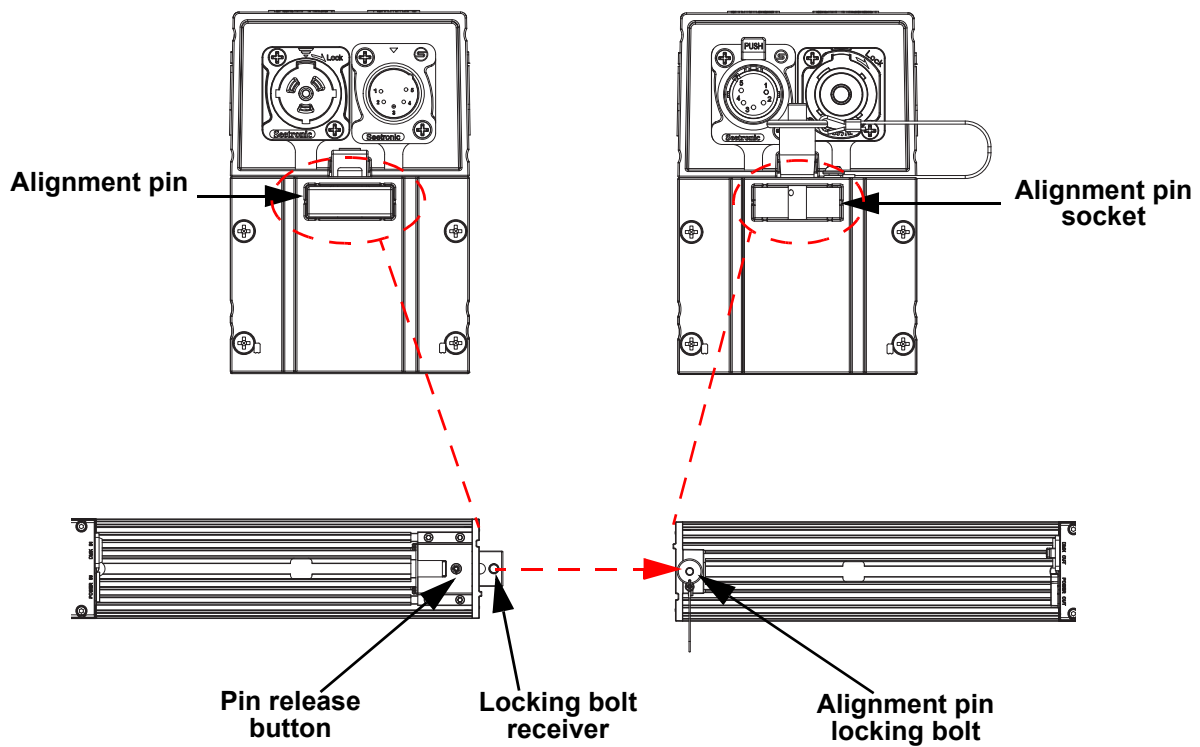


Multi-Product Mounting

The STRIKE Saber 10 has an interlocking system to align multiple STRIKE Saber 10 products as a mounting option.







1. Press the pin release button of the first product to eject the alignment pin.
2. Insert the pin into the socket of the second product to insure proper alignment.
3. Secure the connection by inserting the locking bolt into the alignment pin's receiver.



4. Operation

Control Panel Description

Button	Name	Function
	<Up>	Navigates upwards through the menu or increases the numeric value of a function
	<Menu>	Exits the current menu or function
	<Down>	Navigates downwards through the menu or decreases the numeric value of a function
	<Enter>	Enables the currently displayed menu or sets a selected value into a function

Control Options

Set the STRIKE Saber 10 starting address in the **001-487** DMX range. This enables control of up to 18 products in the 26-channel 26Ch personality.

Programming

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

- To access the main menu from the [Home Screen](#), press <MENU>.
- To navigate to the desired option in the main menu, press <MENU> repeatedly until the option is indicated, or use <UP> or <DOWN> to navigate directly.
- Press <ENTER> to select the indicated option.
- Use <UP> or <DOWN> to navigate within a programming level until the desired option is indicated.
- To return to the main menu, press <MENU> repeatedly until it shows on the display.
- Press and hold <MENU> to return to the home screen..

Passcode

When prompted, enter the following passcode: <UP>, <DOWN>, <UP>, <DOWN>, <ENTER>.

It is not possible to change this passcode.

Battery Powered Display

The STRIKE Saber 10 has a battery powered display which 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 STRIKE Saber 10 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, press <ENTER> to reach the main menu.

Control Panel Lock

The setting locks or unlocks the control panel.

1. Go to the **Key Lock** main level.
2. 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 as described below.

Menu Map

Refer to the STRIKE Saber 10 product page on www.chauvetprofessional.com for the latest menu map.

Main Menu	Programming Levels			Description
DMX Address	Address	<001–512*>		Selects DMX address (*Highest channel restricted to personality chosen)
DMX Channel	1 Ch		1-channel: dimmer	
	3 Ch		3-channel: dimmer, strobe, control	
	6 Ch		6-channel: dimmer, 16-bit dimmer, strobe, auto programs, auto speed, control	
	13 Ch		13-channel: dimmer, 16-bit dimmer, control	
	22 Ch		22-channel: dimmer, 16-bit dimmer	
	26 Ch1		26-channel: AW dimmer, 16-bit dimmer, strobe, auto programs, auto speed, control	
	26 Ch2		26-channel: dimmer, 16-bit dimmer, strobe, auto programs, auto speed, control	
Static	Fixed color	Amber		Selects amber color for all zones
		White		Selects white color for all zones
		Amber/white		Selects amber/white color for all zones
	Manual color mixer	Amber	<000–255>	Sets the amber light output
White		Sets the white light output		
Auto Show	Auto 1–6	<1–100>		Selects automatic programs and speed
Red Shift	On			Enables or disables red shift
	Off			
Master/Slave	Master			Standalone mode
	Slave			Slave mode
Dimmer Curve	S Curve			Sets the dimmer curve
	Linear			
	Square			
	Inverse Square			
Dimmer Mode	Off			Instantaneous dimmer
	Dimmer 1–3			Dimmer mode, fast (1) to slow (3)
Full Mode	Strike			Drives the LED at full power
	Traditional			Imitates traditional MR-16 tungsten
LED Frequency	1000Hz			Sets the Pulse Width Modulation frequency
	2000Hz			
	4000Hz			
	6000Hz			
	25KHz			
Display Invert	No			Normal display orientation
	Yes			Inverted display orientation
Back Light	10S			Turns off display backlight after 10 seconds of inactivity
	30S			Turns off display backlight after 30 seconds
	2Min			Turns off display backlight after 2 minutes
	Always On			Display backlight always on

Main Menu	Programming Levels		Description
Key Lock	On		Locks the display. Passcode: <UP>, <DOWN>, <UP>, <DOWN>, <ENTER>
	Off		
Information	Fixture Hours	<_ _ _ _ _H>	Shows total hours the product has been powered on
	LED Hours	<_ _ _ _ _H>	Shows total hours the LEDs have been powered on
	Version	DIS: <V_ _ _>	Shows current display version
		LED: <V_ _ _>	Shows current driver version
	UID	030F03C_ _ _ _ _	Shows product UID
Temperature	Temp 1: _ _ °C		Shows the current temperature in °C
	Temp 2: _ _ °C		
	Temp 3: _ _ °C		
	Temp 4: _ _ °C		
Upgrade Firmware	Only This Fixture	_ _ _ _ _ .CHL	Selects an update file for this product, or shows “No such file!”
		...	
	Multiple Fixture	_ _ _ _ _ .CHL	Selects an update file for this and connected STRIKE Saber 10 products, or shows “No such file!”
		...	
	Other Fixture Type	_ _ _ _ _ .CHL	Selects an update file for other connected products, or shows “No such file!”
		...	
Fixture to Fixture	_ _ _ _ _ .CHL	Uploads current firmware to connected products	
	_ _ _ _ _ .CHL		
LED Order	1-10		Normal LED orientation
	10-1		Inverted LED orientation
Clock	Setting time		Sets the time and date
	Current time		Shows the current time and date
Factory Reset	No		Resets the product to factory default settings
	Yes		



- The “Other Fixture Type” option under Upgrade Firmware can only be selected for connected products compatible with the Upload 03 (the first 2 digits of the item code must be 03).
- The “Fixture to Fixture” option under Upgrade Firmware can only be selected for connected STRIKE Saber 10 products.

DMX Configuration

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

DMX Personalities

To set the DMX personality:

- Go to the **DMX Channel** main level.
- Select the desired personality, from **1Ch**, **3Ch**, **6Ch**, **13Ch**, **22Ch**, **26Ch1**, or **26Ch2**.



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

Starting Address

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

1. Go to the **DMX Address** main level.
2. Select the starting address (**001–512**).

Personality	Highest Address	Products per Universe
1Ch	512	512
3Ch	510	170
6Ch	507	84
13Ch	500	38
22Ch	491	22
26Ch1, 26Ch2	487	18

DMX Channel Assignments and Values

Control Chart

Value	Percent/Setting	Value	Percent/Setting
000 ⇔ 005	No function	131	Invert display
006 ⇔ 028	Reserved for future use	132 ⇔ 169	Reserved for future use
029	Red shift off	170	PWM frequency 1000 Hz (hold for 3 seconds)
030	No function	171 ⇔ 173	Reserved for future use
031	Red shift on	174	PWM frequency 2000 Hz (hold for 3 seconds)
032 ⇔ 036	Reserved for future use	175	Reserved for future use
037	No function	176	PWM frequency 4000 Hz (hold for 3 seconds)
038 ⇔ 075	Reserved for future use	177	Reserved for future use
076	Linear dimmer	178	PWM frequency 6000 Hz (hold for 3 seconds)
077	Square dimmer	179 ⇔ 183	Reserved for future use
078	Inverse square dimmer	184	PWM frequency 25000 Hz (hold for 3 seconds)
079	S-curve dimmer	185 ⇔ 192	Reserved for future use
080 ⇔ 085	Reserved for future use	193	Reset dimmer
086	Dimmer mode off	194 ⇔ 217	Reserved for future use
087	Dimmer mode 1 (fast)	218 ⇔ 219	No function
088	Dimmer mode 2	220	Reserved for future use
089	Dimmer mode 3 (slow)	221 ⇔ 222	No function
090	Dimmer mode override*	223	Reserved for future use
091	Dimmer Strike mode	224 ⇔ 225	No function
092	Dimmer traditional mode	226 ⇔ 249	Reserved for future use
093 ⇔ 129	Reserved for future use	250 ⇔ 255	No function
130	Do not invert display		

*Temporarily overrides the set dimmer mode to OFF. Activates at 0 sec.

26Ch1

26Ch1	Function	Value	Percent/Setting
1	White 1	000 ⇔ 255	0–100%
2	Amber 1	000 ⇔ 255	0–100%
3	White 2	000 ⇔ 255	0–100%
4	Amber 2	000 ⇔ 255	0–100%
5	White 3	000 ⇔ 255	0–100%
6	Amber 3	000 ⇔ 255	0–100%
7	White 4	000 ⇔ 255	0–100%
8	Amber 4	000 ⇔ 255	0–100%
9	White 5	000 ⇔ 255	0–100%
10	Amber 5	000 ⇔ 255	0–100%
11	White 6	000 ⇔ 255	0–100%
12	Amber 6	000 ⇔ 255	0–100%
13	White 7	000 ⇔ 255	0–100%
14	Amber 7	000 ⇔ 255	0–100%
15	White 8	000 ⇔ 255	0–100%
16	Amber 8	000 ⇔ 255	0–100%
17	White 9	000 ⇔ 255	0–100%
18	Amber 9	000 ⇔ 255	0–100%
19	White 10	000 ⇔ 255	0–100%
20	Amber 10	000 ⇔ 255	0–100%
21	Master dimmer	000 ⇔ 255	0–100%
22	Fine master dimmer	000 ⇔ 255	0–100%
23	Strobe	000 ⇔ 010	No function
		011 ⇔ 125	Strobe, slow to fast
		126 ⇔ 255	Random strobe
24	Auto programs	000 ⇔ 010	No function
		011 ⇔ 032	Automatic program 1
		033 ⇔ 076	Automatic program 2
		077 ⇔ 120	Automatic program 3
		121 ⇔ 164	Automatic program 4
		165 ⇔ 208	Automatic program 5
		209 ⇔ 255	Automatic program 6
25	Auto speed	000 ⇔ 255	Auto speed, slow to fast
26	Control	000 ⇔ 255	See the Control Chart

Operation

26Ch2 / 22Ch / 13Ch

13Ch	22Ch	26Ch2	Function	Value	Percent/Setting
1	1	1	Dimmer 1	000 ⇔ 255	0–100%
–	2	2	Fine dimmer 1	000 ⇔ 255	0–100%
2	3	3	Dimmer 2	000 ⇔ 255	0–100%
–	4	4	Fine dimmer 2	000 ⇔ 255	0–100%
3	5	5	Dimmer 3	000 ⇔ 255	0–100%
–	6	6	Fine dimmer 3	000 ⇔ 255	0–100%
4	7	7	Dimmer 4	000 ⇔ 255	0–100%
–	8	8	Fine dimmer 4	000 ⇔ 255	0–100%
5	9	9	Dimmer 5	000 ⇔ 255	0–100%
–	10	10	Fine dimmer 5	000 ⇔ 255	0–100%
6	11	11	Dimmer 6	000 ⇔ 255	0–100%
–	12	12	Fine dimmer 6	000 ⇔ 255	0–100%
7	13	13	Dimmer 7	000 ⇔ 255	0–100%
–	14	14	Fine dimmer 7	000 ⇔ 255	0–100%
8	15	15	Dimmer 8	000 ⇔ 255	0–100%
–	16	16	Fine dimmer 8	000 ⇔ 255	0–100%
9	17	17	Dimmer 9	000 ⇔ 255	0–100%
–	18	18	Fine dimmer 9	001 ⇔ 255	0–100%
10	19	19	Dimmer 10	000 ⇔ 255	0–100%
–	20	20	Fine dimmer 10	000 ⇔ 255	0–100%
11	21	21	Master Dimmer	000 ⇔ 255	0–100%
12	22	22	Fine master dimmer	000 ⇔ 255	0–100%
–	–	23	Strobe	000 ⇔ 010 011 ⇔ 125 126 ⇔ 255	No function Strobe, slow to fast Random strobe
–	–	24	Auto programs	000 ⇔ 010 011 ⇔ 032 033 ⇔ 076 077 ⇔ 120 121 ⇔ 164 165 ⇔ 208 209 ⇔ 255	No function Automatic program 1 Automatic program 2 Automatic program 3 Automatic program 4 Automatic program 5 Automatic program 6
–	–	25	Auto speed	000 ⇔ 255	Auto speed, slow to fast
13	–	26	Control	000 ⇔ 255	See the Control Chart

6Ch / 3Ch / 1Ch

1Ch	3Ch	6Ch	Function	Value	Percent/Setting
1	1	1	Master dimmer	000 ⇔ 255	0–100%
–	–	2	Fine master dimmer	000 ⇔ 255	0–100%
–	2	3	Strobe	000 ⇔ 010 011 ⇔ 125 126 ⇔ 255	No function Strobe, slow to fast Random strobe
–	–	4	Auto programs	000 ⇔ 010 011 ⇔ 032 033 ⇔ 076 077 ⇔ 120 121 ⇔ 164 165 ⇔ 208 209 ⇔ 255	No function Automatic program 1 Automatic program 2 Automatic program 3 Automatic program 4 Automatic program 5 Automatic program 6
–	–	5	Auto speed	000 ⇔ 255	Auto speed, slow to fast
–	3	6	Control	000 ⇔ 255	See the Control Chart

Standalone Configuration

Static Mode

The static mode options includes fixed colors and a manual color mixer.

Fixed Color

To select a Fixed Color:

1. Go to **Static** on the main level.
2. Select the **Fixed Color** option.
3. Select the desired color from, **Amber**, **White**, or **Amber & White**.

Manual Color Mixer

To manually mix a custom static color:

1. Go to **Manual Color Mixer** main level.
2. Select the color to edit (**Amber**, or **White**).
3. Set the value for the selected color (**0–255**).

Auto Show

To select an automatic program:

1. Go to the **Auto Show** main level.
2. Select the desired auto program (**Auto 1–6**).
3. Set the **Speed** value (**1–100**).

Settings Configuration

Red Shift

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

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

Master/Slave

To set the STRIKE Saber 10 product to master or slave mode:

1. Go to the **Master/Slave** main level.
2. Select from **Master** (sends control signal) or **Slave** (receives control signal).



- **Configure all the slave products before connecting the master to the daisy chain.**
- **Never connect a DMX controller to a DMX string configured for Master/Slave operation because the controller may interfere with the signals from the master.**
- **Do not connect more than 31 slaves to the master.**

Operation

Dimmer Curve

To set the dimmer curve:

1. Go to the **Dimmer Curve** main level.
2. Select from **S Curve**, **Linear**, **Square**, or **Inverse Square**.

Dimmer Speed Mode

To set the dimmer speed:

1. Go to the **Dimmer Mode** main level.
2. Select the dimmer speed mode from **Off** (instant), **Dimmer 1** (fastest), **Dimmer 2**, or **Dimmer 3** (slowest).

Full Mode

To configure LED mode for the STRIKE Saber 10:

1. Go to the **Full Mode** main level.
2. Select from **Strike** or **Traditional**.

Pulse Width Modulation

To set the frequency of the pulse width modulation:

1. Go to the **LED Frequency** main level.
2. Select the PWM frequency from, **1000Hz**, **2000Hz**, **4000Hz**, **6000Hz**, or **25KHz**.

Display Invert

To invert the display on the STRIKE Saber 10, do the following:

1. Go to the **Display Invert** main level.
2. Select between **No** (keep default display setting) and **Yes** (invert display).

Back Light

To select how long a period of inactivity before the display automatically turns off:

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

Key Lock

To enable or disable the passcode lock on the display:

1. Go to the **Key Lock** main level.
2. Select from **On** or **Off**.

Information

To view product information, such as the number of hours the product has been on, the driver firmware, etc., go to the **Information** main level.

Temperature

To view the product temperature, go to the **Temperature** main level.

LED Order

To configure the order that the LED activate:

1. Go to the **LED Order** main level.
2. Select from **1–10** or **10–1**.

Clock

To set the date and time on the product:

1. Go to the **Clock** main level.
2. Select **Setting Time** (**Current Time** allows users to view the current date and time).
3. Set a desired value for the year, month, date, hour, minute, and second.
4. Select **Save&Esc** to return to the main level.

Factory Reset

To reset the product to factory default settings:

1. Go to the **Factory Reset** main level.
2. Select **No** (do not reset) or **Yes** (reset).

5. Maintenance

Product Maintenance

Dust build-up reduces light output performance and can cause overheating. This can lead to reduction of the light source's life and/or mechanical wear. To maintain optimum performance and minimize wear, clean each lighting product at least twice a month. However, be aware that usage and environmental conditions could be contributing factors to increase the cleaning frequency.

To clean the product, follow the instructions below:

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



Always dry the transparent surfaces carefully after cleaning them.

6. Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
39.4 in (1002 mm)	6.5 in (165 mm)	5.98 in (152 mm)	14.6 lb (8 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, 60 Hz
Consumption	183 W	181 W	178 W	177 W	178 W
Operating Current	1.83 A	1.52 A	.86 A	.78 A	.75 A
Power Linking Current	12 A	12 A	12 A	12 A	12 A

Power I/O	U.S./Worldwide	UK/Europe
Power Input Connector	Seetronic Powerkon IP65	Seetronic Powerkon IP65
Power Output Connector	Seetronic Powerkon IP65	Seetronic Powerkon IP65
Power Cable plug	Edison	Local plug

Light Source

Type	Color	Quantity	Lifespan
LED	VW/Amber	10	50,000 hours

Photometrics

Color Temperature at Full	CRI	TLCI
2792 K	92.9	91

Beam Angle Vertical	Beam Angle Horizontal	Field Angle Vertical	Field Angle Horizontal
20.9°	20.9°	25.1°	25.1°

Lumens	Illuminance @ 5 m
5,959	1686 lux

Thermal

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

Control

DMX I/O Connector	Channel Range
5-pin XLR	1, 3, 6, 13, 22, 26-1, or 26-2

Ordering

Product Name	Item Name	Item Code	UPC Number
STRIKE Saber 10	STRIKESABER10	03032353	781462227012



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.