

SHOCKER PANEL FX IP

User Manual




CHAUVET **2**

Edition Notes

The Shocker Panel FX IP User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the Shocker Panel FX IP as of the release date of this edition.

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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.chauvetdj.com for the latest version.

| Revision | Date | Description |
|----------|---------|------------------------|
| 2 | 05/2026 | Updated 3-pin to 5-pin |

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1. Before You Begin

What Is Included

- Shocker Panel FX IP
- Power cable
- Quick Reference Guide

Unpacking Instructions

Carefully unpack the product immediately and check the container to make sure all the parts are in the package and are in good condition.

Claims





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 |
| ON | A value to be entered or selected |

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. |

Safety Notes

These Safety Notes include important information about installation, use, and maintenance of the Shocker Panel FX IP.



■ **ALWAYS:**

- ◆ Connect to a grounded circuit.
- ◆ Connect to operating voltages as specified on the product's spec sticker.
- ◆ Disconnect from its power source during periods of inactivity.
- ◆ Use a safety cable when suspending overhead.
- ◆ Heed all restrictions and warnings on the spec sticker.
- ◆ Mount in a location with at least 20 in (50 cm) of ventilation.
- ◆ Use a clamp with a captive bolt when a single hanging bracket is used.

- In the event of a serious operating problem, stop using immediately.

■ **DO NOT:**

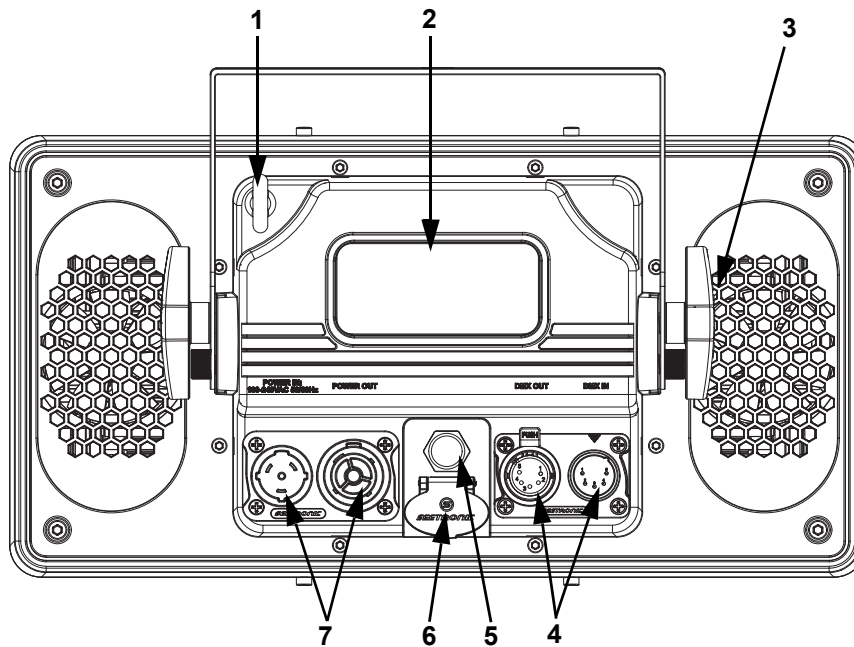
- ◆ Open this product or attempt any repairs. It contains no user-serviceable parts.
- ◆ Look at the light source when the product is on.
- ◆ Use if the power cord is crimped or damaged.
- ◆ Disconnect by pulling on the power cord.
- ◆ Allow flammable materials close to the product when it is operating.
- ◆ Touch the housing when it is on.
- ◆ Block any ventilation holes/slots in the housing.
- ◆ Connect to a dimmer or rheostat.
- ◆ Carry the product by its power cord.
- ◆ Operate in temperatures higher than 113°F (45°C).
- ◆ Expose to environments that exceed the Ingress Protection (IP) rating.
- ◆ Expose to rain or moisture.
- ◆ Submerge.
- ◆ Leave outdoors for extended periods of time.
- ◆ Expose to corrosive environmental conditions such as temperature, humidity, salinity, pressure, radiation, or shock.
- ◆ Set this product on a flammable surface.



Keep this User Manual for future use. If the product is sold to someone else, be sure that they also receive this document.

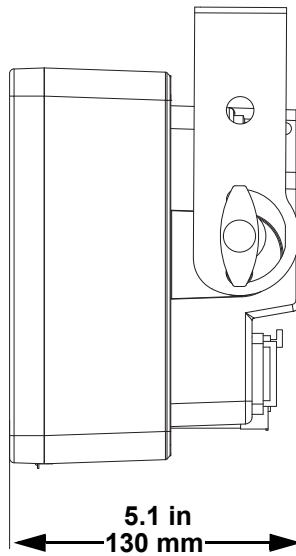
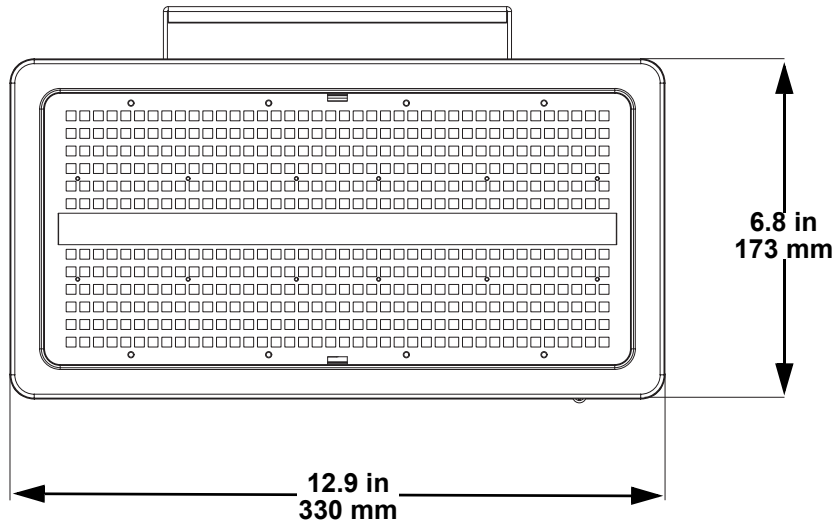
2. Introduction

Product Overview



| # | Name | # | Name |
|---|-------------------------|---|--------------------|
| 1 | Safety cable loop | 5 | Condensation valve |
| 2 | LED display screen | 6 | USB Port |
| 3 | Bracket adjustment knob | 7 | Power in/out |
| 4 | 5-pin DMX in/out | | |

Product Dimensions



3. Setup

AC Power

The Shocker Panel FX IP 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). 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.**

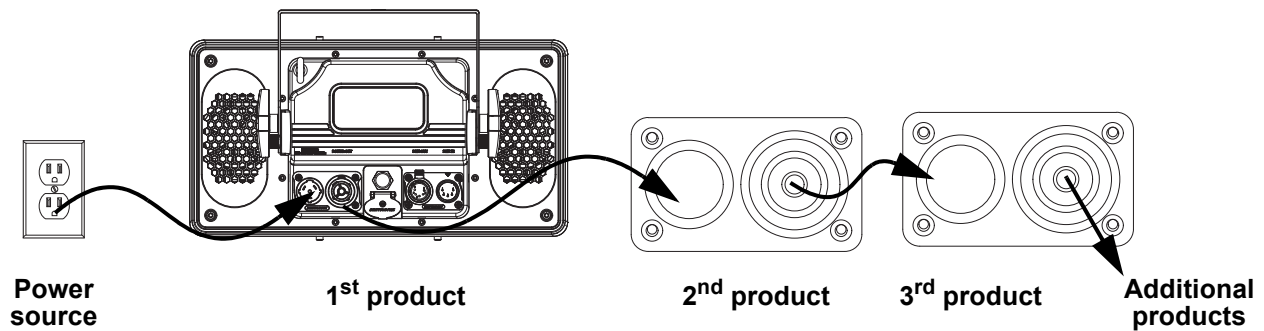


Never connect the product to a rheostat (variable resistor) or dimmer circuit, even if the rheostat or dimmer channel serves only as a 0 to 100% switch.

Power Linking

This product provides power linking via the outlet located in the back of the product. See the diagram below for further explanation.

Power Linking Diagram



It is possible to link up to 6 Shocker Panel FX IP products on 120 VAC or up to 11 products on 230 VAC.



The power linking diagram shown above corresponds to the North American version of the product ONLY! If using the product in other markets, consult with the local Chauvet distributor as power linking connectors and requirements may differ by country or region.

Mounting

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

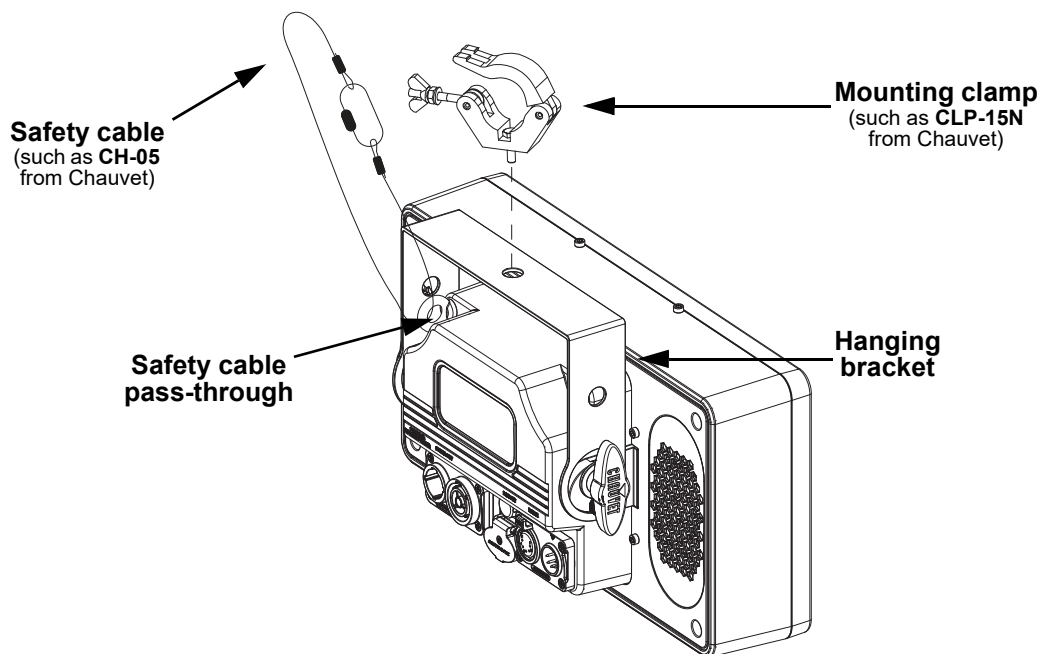
Orientation

The Shocker Panel FX IP may be mounted in any position; however, make sure adequate ventilation is provided around the product.

Rigging

- 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 and attachment points can support the weight before hanging the product (see the [Technical Specifications](#) section for weight information).
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, such as an elevated platform or a truss.
- When rigging the product onto a truss, use a mounting clamp of appropriate weight capacity. The bracket has a 13-mm hole, which is appropriate for this purpose.
- 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.
- When power linking multiple products, mount the products close enough for power linking cables to reach.
- When mounting the product on the floor, make sure that the product and cables are away from people and vehicles.





Mounting Diagram



4. Operation

Control Panel Operation

To access the control panel functions, use the four buttons located underneath the display. Please refer to the [Product Overview](#) to see the button locations on the control panel.

| Button | Name | Function |
|---|---------|---|
|  | <MENU> | Press to find an operation mode or exit the current menu option |
|  | <UP> | Press to scroll up the list of options or to find a higher value |
|  | <DOWN> | Press to scroll down the list of options or to find a lower value |
|  | <ENTER> | Press to activate a menu option or a selected value |

Menu Map

Refer to the Shocker Panel FX IP product page on www.chauvetdj.com for the latest menu map and software.

| Main Menu | Programming Levels | Description |
|---------------------|--------------------|---|
| DMX Address | 001–505 | Selects DMX starting address |
| DMX Channel | 8Ch | 8-channel DMX mode |
| | 18Ch | 18-channel DMX mode |
| | 34Ch | 34-channel DMX mode |
| | 47Ch | 47-channel DMX mode |
| Auto Show | Auto 1–41 | Selects automatic programs |
| Auto Speed | 000–099 | Adjusts the speed of automatic programs |
| Sound Show | Sound 1–41 | Sets auto programs to sound sensitivity mode |
| Sensitivity | 000–100 | Adjusts sound sensitivity |
| Static Color | Color 1–15 | Selects preset static colors |
| Manual Color | Red | 000–255 Combines Red, Green, Blue, and White to make a custom color |
| | Green | |
| | Blue | |
| | White | |
| Dimmer Mode | 000–255 | Adjusts the intensity of the dimmer |
| DMX loss | Blackout | Blacks out the product when signal is lost |
| | Hold | Holds the last setting when signal is lost |
| | Auto | Sets the unit to Auto mode when signal is lost |
| | Sound | Sets the unit to Sound mode when signal is lost |
| Fan Mode | Auto | Sets fan to activate and deactivate automatically |
| | On | Sets fan to always on |
| Lock Screen | Off | Activates or disables the control panel lock, which keeps non-authorized personnel from changing the product's settings (Password <UP><DOWN><UP><DOWN><ENTER> |
| | On | |

| Main Menu | Programming Levels | | Description |
|---------------|--------------------|---------|--|
| Back Light | On | | Display backlight remains on |
| | 10S | | Turns off display backlight after 10 seconds of inactivity |
| | 20S | | Turns off display backlight after 30 seconds of inactivity |
| | 30S | | Turns off display backlight after 30 seconds of inactivity |
| Information | Show mode | ----- | |
| | Version | V_._. _ | Displays firmware version |
| Reset Factory | No | | Resets settings to factory default |
| | Yes | | |
| System Update | No | | Allows for firmware update |
| | Yes | | |

DMX Configuration

The Shocker Panel FX IP works with a DMX controller. Information about DMX is in the Chauvet DMX Primer, which is available from the Chauvet website chauvetlighting.com/downloads/DMX_Primer_rev05_WO.pdf.

Personality and Starting Address

The Shocker Panel FX IP uses up to 47 DMX channels in the **47Ch** DMX mode, which defines the highest configurable/recommended address to **466**.

When selecting a starting DMX address, always consider the number of DMX channels the DMX mode uses. If the starting address is set too high, access to some channels could be restricted.

For information about the DMX protocol, download the DMX Primer from www.chauvetdj.com.

To select the personality and starting address, do the following:

1. Press **<MENU>** repeatedly until **8Ch**, **18Ch**, **34Ch**, or **47Ch** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the starting address, from **d001–512**.
4. Press **<ENTER>**.

DMX Channel Assignments and Values

DMX Charts

47Ch / 34Ch / 18Ch

| 18Ch | 34Ch | 47Ch | Function | Value | Percent/Setting |
|------|------|------|---------------|-----------|--------------------------|
| 1 | 1 | 1 | Master dimmer | 000 ⇔ 255 | 0–100% |
| 2 | – | 2 | RGB dimmer | 000 ⇔ 255 | 0–100% |
| 3 | – | – | Red | 000 ⇔ 255 | 0–100% |
| 4 | – | – | Green | 000 ⇔ 255 | 0–100% |
| 5 | – | – | Blue | 000 ⇔ 255 | 0–100% |
| 6 | – | 3 | RGB strobe | 000 ⇔ 005 | No function |
| | | | | 006 ⇔ 255 | RGB strobe, slow to fast |
| – | – | – | White | 000 ⇔ 255 | 0–100% |

| 18Ch | 34Ch | 47Ch | Function | Value | Percent/Setting |
|-----------|-----------------|------|---|-----------|---------------------------------|
| 7 | - | 4 | RGB program | 000 ⇔ 005 | No function |
| | | | | 006 ⇔ 012 | Auto program 1 |
| | | | | 013 ⇔ 018 | Auto program 2 |
| | | | | 019 ⇔ 025 | Auto program 3 |
| | | | | 026 ⇔ 031 | Auto program 4 |
| | | | | 032 ⇔ 038 | Auto program 5 |
| | | | | 039 ⇔ 044 | Auto program 6 |
| | | | | 045 ⇔ 050 | Auto program 7 |
| | | | | 051 ⇔ 057 | Auto program 8 |
| | | | | 058 ⇔ 063 | Auto program 9 |
| | | | | 064 ⇔ 070 | Auto program 10 |
| | | | | 071 ⇔ 076 | Auto program 11 |
| | | | | 077 ⇔ 082 | Auto program 12 |
| | | | | 083 ⇔ 089 | Auto program 13 |
| | | | | 090 ⇔ 095 | Auto program 14 |
| | | | | 096 ⇔ 102 | Auto program 15 |
| | | | | 103 ⇔ 108 | Auto program 16 |
| | | | | 109 ⇔ 114 | Auto program 17 |
| | | | | 115 ⇔ 121 | Auto program 18 |
| | | | | 122 ⇔ 127 | Auto program 19 |
| | | | | 128 ⇔ 134 | Auto program 20 |
| | | | | 135 ⇔ 140 | Auto program 21 |
| | | | | 141 ⇔ 147 | Auto program 22 |
| | | | | 148 ⇔ 153 | Auto program 23 |
| | | | | 154 ⇔ 159 | Auto program 24 |
| | | | | 160 ⇔ 166 | Auto program 25 |
| | | | | 167 ⇔ 172 | Auto program 26 |
| | | | | 173 ⇔ 179 | Auto program 27 |
| | | | | 180 ⇔ 185 | Auto program 28 |
| | | | | 186 ⇔ 191 | Auto program 29 |
| | | | | 192 ⇔ 198 | Auto program 30 |
| | | | | 199 ⇔ 204 | Auto program 31 |
| | | | | 205 ⇔ 211 | Auto program 32 |
| | | | | 212 ⇔ 217 | Auto program 33 |
| | | | | 218 ⇔ 223 | Auto program 34 |
| | | | | 224 ⇔ 230 | Auto program 35 |
| | | | | 231 ⇔ 236 | Auto program 36 |
| | | | | 237 ⇔ 243 | Auto program 37 |
| | | | | 244 ⇔ 249 | Auto program 38 |
| 250 ⇔ 255 | Auto program 39 | | | | |
| 8 | - | 5 | RGB program speed (When Ch. 7 or 4 are 006 ⇔ 255) | 000 ⇔ 255 | RGB program speed, slow to fast |
| 9 | - | 6 | Color macro (When Ch. 7 or 4 are 006 ⇔ 255) | 000 ⇔ 005 | No function |
| | | | | 006 ⇔ 255 | Mixed colors |

| 18Ch | 34Ch | 47Ch | Function | Value | Percent/Setting |
|-----------|-----------------|------|--|-----------|-----------------------------------|
| 10 | - | 7 | Background color (When Ch. 7 or 4 are 006 ⇔ 255) | 000 ⇔ 005 | No function |
| | | | | 006 ⇔ 255 | mixed colors |
| 11 | - | 8 | Background color dimmer | 000 ⇔ 255 | 100-0% |
| 12 | - | 9 | White dimmer | 000 ⇔ 001 | No function |
| | | | | 002 ⇔ 255 | 0-100% |
| 13 | - | 10 | White strobe | 000 ⇔ 005 | No function |
| | | | | 006 ⇔ 255 | White strobe, slow to fast |
| 14 | - | 11 | White program | 000 ⇔ 005 | No function |
| | | | | 006 ⇔ 014 | Auto program 1 |
| | | | | 015 ⇔ 022 | Auto program 2 |
| | | | | 023 ⇔ 030 | Auto program 3 |
| | | | | 031 ⇔ 039 | Auto program 4 |
| | | | | 040 ⇔ 047 | Auto program 5 |
| | | | | 048 ⇔ 055 | Auto program 6 |
| | | | | 056 ⇔ 064 | Auto program 7 |
| | | | | 065 ⇔ 072 | Auto program 8 |
| | | | | 073 ⇔ 080 | Auto program 9 |
| | | | | 081 ⇔ 089 | Auto program 10 |
| | | | | 090 ⇔ 097 | Auto program 11 |
| | | | | 098 ⇔ 105 | Auto program 12 |
| | | | | 106 ⇔ 114 | Auto program 13 |
| | | | | 115 ⇔ 122 | Auto program 14 |
| | | | | 123 ⇔ 130 | Auto program 15 |
| | | | | 131 ⇔ 139 | Auto program 16 |
| | | | | 140 ⇔ 147 | Auto program 17 |
| | | | | 148 ⇔ 155 | Auto program 18 |
| | | | | 156 ⇔ 164 | Auto program 19 |
| 165 ⇔ 172 | Auto program 20 | | | | |
| 173 ⇔ 180 | Auto program 21 | | | | |
| 181 ⇔ 189 | Auto program 22 | | | | |
| 190 ⇔ 197 | Auto program 23 | | | | |
| 198 ⇔ 205 | Auto program 24 | | | | |
| 206 ⇔ 214 | Auto program 25 | | | | |
| 215 ⇔ 222 | Auto program 26 | | | | |
| 223 ⇔ 230 | Auto program 27 | | | | |
| 231 ⇔ 239 | Auto program 28 | | | | |
| 240 ⇔ 247 | Auto program 29 | | | | |
| 248 ⇔ 255 | Auto Program 30 | | | | |
| 15 | - | 12 | White program speed (When Ch. 14 or 11 are 006 ⇔ 255) | 000 ⇔ 255 | White program speed, slow to fast |

| 18Ch | 34Ch | 47Ch | Function | Value | Percent/Setting |
|-----------|-----------------|------|---|-----------|----------------------------------|
| 16 | - | 13 | RGBW program | 000 ⇔ 005 | No function |
| | | | | 006 ⇔ 012 | Auto program 1 |
| | | | | 013 ⇔ 018 | Auto program 2 |
| | | | | 019 ⇔ 025 | Auto program 3 |
| | | | | 026 ⇔ 031 | Auto program 4 |
| | | | | 032 ⇔ 038 | Auto program 5 |
| | | | | 039 ⇔ 044 | Auto program 6 |
| | | | | 045 ⇔ 050 | Auto program 7 |
| | | | | 051 ⇔ 057 | Auto program 8 |
| | | | | 058 ⇔ 063 | Auto program 9 |
| | | | | 064 ⇔ 070 | Auto program 10 |
| | | | | 071 ⇔ 076 | Auto program 11 |
| | | | | 077 ⇔ 082 | Auto program 12 |
| | | | | 083 ⇔ 089 | Auto program 13 |
| | | | | 090 ⇔ 095 | Auto program 14 |
| | | | | 096 ⇔ 102 | Auto program 15 |
| | | | | 103 ⇔ 108 | Auto program 16 |
| | | | | 109 ⇔ 114 | Auto program 17 |
| | | | | 115 ⇔ 121 | Auto program 18 |
| | | | | 122 ⇔ 127 | Auto program 19 |
| | | | | 128 ⇔ 134 | Auto program 20 |
| | | | | 135 ⇔ 140 | Auto program 21 |
| | | | | 141 ⇔ 147 | Auto program 22 |
| | | | | 148 ⇔ 153 | Auto program 23 |
| | | | | 154 ⇔ 159 | Auto program 24 |
| | | | | 160 ⇔ 166 | Auto program 25 |
| | | | | 167 ⇔ 172 | Auto program 26 |
| | | | | 173 ⇔ 179 | Auto program 27 |
| | | | | 180 ⇔ 185 | Auto program 28 |
| | | | | 186 ⇔ 191 | Auto program 29 |
| | | | | 192 ⇔ 198 | Auto program 30 |
| | | | | 199 ⇔ 204 | Auto program 31 |
| | | | | 205 ⇔ 211 | Auto program 32 |
| | | | | 212 ⇔ 217 | Auto program 33 |
| | | | | 218 ⇔ 223 | Auto program 34 |
| | | | | 224 ⇔ 230 | Auto program 35 |
| | | | | 231 ⇔ 236 | Auto program 36 |
| | | | | 237 ⇔ 243 | Auto program 37 |
| | | | | 244 ⇔ 249 | Auto program 38 |
| 250 ⇔ 255 | Auto program 39 | | | | |
| 17 | - | 14 | RGBW program speed (When Ch. 7, 16, or 13 are 006⇔255) | 000 ⇔ 255 | RGBW program speed, slow to fast |
| - | 2 | 15 | Red 1 | 000 ⇔ 001 | No function |
| | | | | 002 ⇔ 255 | 0–100% |
| - | 3 | 16 | Green 1 | 000 ⇔ 001 | No function |
| | | | | 002 ⇔ 255 | 0–100% |

Operation



| 18Ch | 34Ch | 47Ch | Function | Value | Percent/Setting |
|------|------|------|----------|-----------|-----------------|
| - | 4 | 17 | Blue 1 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 5 | 18 | Red 2 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 6 | 19 | Green 2 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 7 | 20 | Blue 2 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 8 | 21 | Red 3 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 9 | 22 | Green 3 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 10 | 23 | Blue 3 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 11 | 24 | Red 4 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 12 | 25 | Green 4 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 13 | 26 | Blue 4 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 14 | 27 | Red 5 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 15 | 28 | Green 5 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 16 | 29 | Blue 5 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 17 | 30 | Red 6 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 18 | 31 | Green 6 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 19 | 32 | Blue 6 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 20 | 33 | Red 7 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 21 | 34 | Green 7 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 22 | 35 | Blue 7 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 23 | 36 | Red 8 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 24 | 37 | Green 8 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 25 | 38 | Blue 8 | 000 ⇄ 001 | No function |
| | | | | 002 ⇄ 255 | 0-100% |
| - | 26 | 39 | White 1 | 000 ⇄ 005 | No function |
| | | | | 006 ⇄ 255 | 0-100% |

| 18Ch | 34Ch | 47Ch | Function | Value | Percent/Setting |
|------|------|------|----------|-----------|-------------------------|
| - | 27 | 40 | White 2 | 000 ⇔ 005 | No function |
| | | | | 006 ⇔ 255 | 0–100% |
| - | 28 | 41 | White 3 | 000 ⇔ 005 | No function |
| | | | | 006 ⇔ 255 | 0–100% |
| - | 29 | 42 | White 4 | 000 ⇔ 005 | No function |
| | | | | 006 ⇔ 255 | 0–100% |
| - | 30 | 43 | White 5 | 000 ⇔ 005 | No function |
| | | | | 006 ⇔ 255 | 0–100% |
| - | 31 | 44 | White 6 | 000 ⇔ 005 | No function |
| | | | | 006 ⇔ 255 | 0–100% |
| - | 32 | 45 | White 7 | 000 ⇔ 005 | No function |
| | | | | 006 ⇔ 255 | 0–100% |
| - | 33 | 46 | White 8 | 000 ⇔ 005 | No function |
| | | | | 006 ⇔ 255 | 0–100% |
| 18 | 34 | 47 | Mode | 000 ⇔ 025 | Dim Curve Off |
| | | | | 026 ⇔ 050 | Dim Curve 1 |
| | | | | 051 ⇔ 075 | Dim Curve 2 |
| | | | | 076 ⇔ 100 | Dim Curve 3 |
| | | | | 101 ⇔ 125 | Dim set by unit display |
| | | | | 126 ⇔ 150 | RESET Fixture |
| | | | | 155 ⇔ 255 | No function |

8Ch

| Channel | Function | Value | Percent/Setting |
|---------|---------------|-----------|--------------------------|
| 1 | Master dimmer | 000 ⇔ 255 | 0–100% |
| 2 | RGB Strobe | 000 ⇔ 005 | No function |
| | | 006 ⇔ 255 | RGB strobe, slow to fast |
| 3 | Red | 000 ⇔ 255 | 0–100% |
| 4 | Green | 000 ⇔ 255 | 0–100% |
| 5 | Blue | 000 ⇔ 255 | 0–100% |
| 6 | White | 000 ⇔ 001 | No function |
| | | 002 ⇔ 255 | 0–100% |

| Channel | Function | Value | Percent/Setting |
|------------------|--|------------------|----------------------------------|
| 7 | RGBW program | 000 ⇔ 005 | No function |
| | | 006 ⇔ 012 | Auto program 1 |
| | | 013 ⇔ 018 | Auto program 2 |
| | | 019 ⇔ 025 | Auto program 3 |
| | | 026 ⇔ 031 | Auto program 4 |
| | | 032 ⇔ 038 | Auto program 5 |
| | | 039 ⇔ 044 | Auto program 6 |
| | | 045 ⇔ 050 | Auto program 7 |
| | | 051 ⇔ 057 | Auto program 8 |
| | | 058 ⇔ 063 | Auto program 9 |
| | | 064 ⇔ 070 | Auto program 10 |
| | | 071 ⇔ 076 | Auto program 11 |
| | | 077 ⇔ 082 | Auto program 12 |
| | | 083 ⇔ 089 | Auto program 13 |
| | | 090 ⇔ 095 | Auto program 14 |
| | | 096 ⇔ 102 | Auto program 15 |
| | | 103 ⇔ 108 | Auto program 16 |
| | | 109 ⇔ 114 | Auto program 17 |
| | | 115 ⇔ 121 | Auto program 18 |
| | | 122 ⇔ 127 | Auto program 19 |
| | | 128 ⇔ 134 | Auto program 20 |
| | | 135 ⇔ 140 | Auto program 21 |
| | | 141 ⇔ 147 | Auto program 22 |
| | | 148 ⇔ 153 | Auto program 23 |
| | | 154 ⇔ 159 | Auto program 24 |
| | | 160 ⇔ 166 | Auto program 25 |
| | | 167 ⇔ 172 | Auto program 26 |
| | | 173 ⇔ 179 | Auto program 27 |
| | | 180 ⇔ 185 | Auto program 28 |
| | | 186 ⇔ 191 | Auto program 29 |
| | | 192 ⇔ 198 | Auto program 30 |
| | | 199 ⇔ 204 | Auto program 31 |
| | | 205 ⇔ 211 | Auto program 32 |
| | | 212 ⇔ 217 | Auto program 33 |
| | | 218 ⇔ 223 | Auto program 34 |
| | | 224 ⇔ 230 | Auto program 35 |
| | | 231 ⇔ 236 | Auto program 36 |
| | | 237 ⇔ 243 | Auto program 37 |
| | | 244 ⇔ 249 | Auto program 38 |
| 250 ⇔ 255 | Auto program 39 | | |
| 8 | RGBW program speed (When Ch. 7 is 006 ⇔ 255) | 000 ⇔ 255 | RGBW program speed, slow to fast |

Standalone Configuration

Set the product in one of the standalone modes to operate without a DMX controller.



Never connect a product that is operating in any standalone mode to a DMX string connected to a DMX controller. Products in standalone mode may transmit DMX signals that could interfere with the DMX signals from the controller.

Auto Show

To run the Shocker Panel FX IP in automatic mode:

1. Press **<MENU>** repeatedly until **Auto Show** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the desired auto program from **Auto 1–41**.
4. Press **<ENTER>**.

Automatic Speed

To set the speed of the auto program, do the following:

1. Press **<MENU>** repeatedly until **Auto Speed** shows on the display.
2. Press **<ENTER>** twice.
3. Use **<UP>** or **<DOWN>** to increase or decrease the auto speed, from **000–099**.
4. Press **<ENTER>**.

Sound-Active Mode

To run the Shocker Panel FX IP with a sound-active program, follow the instructions below.

1. Press **<MENU>** repeatedly until **Sound Show** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select how the product will respond when sound is detected, from **Sound 1–41**.
4. Press **<ENTER>**.

Sound Sensitivity

To set the sound sensitivity of the product, do the following:

1. Press **<MENU>** repeatedly until **Sensitivity** shows on the display.
2. Press **<ENTER>** twice.
3. Use **<UP>** or **<DOWN>** to increase or decrease the sound sensitivity, from **000–100**.
4. Press **<ENTER>**.



The product will only respond to low frequencies of music (bass and drums).

Static Colors

To run the Shocker Panel FX IP with a custom static color, follow the instructions below.

1. Use **<UP>** or **<DOWN>** to select **Static Color**.
2. Press **<ENTER>**.
3. Press **<ENTER>** to select how the product will respond when sound is detected, from **Color 1–15**.
4. Press **<ENTER>**.

Custom Color Mixing

To run the Shocker Panel FX IP with a custom static color, follow the instructions below.

1. Use **<UP>** or **<DOWN>** to select **Manual Color**.
2. Press **<ENTER>** twice.
3. Use **<UP>** or **<DOWN>** to cycle through options, **Red, Green, Blue, and White**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to increase or decrease the selected value from **000–255**.
6. Repeat steps 3-5 until the product output is set as desired.

Operation

Dimmer

To adjust the dimmer, follow the instructions below:

1. Use **<UP>** or **<DOWN>** to select **Dimmer Mode**.
2. Press **<ENTER>** twice.
3. Use **<UP>** or **<DOWN>** to increase or decrease the dimmer, from **000–255**.
4. Press **<ENTER>**.

DMX Loss

To set the DMX Loss mode on the Shocker Panel FX IP:

1. Use **<UP>** or **<DOWN>** to select **DMX Loss**.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select how the product responds when no sound is detected, from **Hold** (holds the last setting), **Auto** (sets the unit to auto mode), **Sound** (sets the unit to sound mode), or **Blackout** (blacks out the product).
4. Press **<ENTER>**.

Fan Mode

To set the fan mode:

1. Use **<UP>** or **<DOWN>** to select **Fan Mode**.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Auto** (fan turns on automatically) or **On** (always on).
4. Press **<ENTER>**.

Lock Screen

To lock the screen on the Shocker Panel FX IP:

1. Use **<UP>** or **<DOWN>** to select **Lock Screen**.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Off** or **On**.
4. Press **<ENTER>**.

Back Light

To lock the screen on the Shocker Panel FX IP:

1. Use **<UP>** or **<DOWN>** to select **Back Light**.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **On**, **10S**, **20S**, or **30S**.
4. Press **<ENTER>**.

System Information

To view the system information on the Shocker Panel FX IP:

1. Use **<UP>** or **<DOWN>** to select **Information**.
2. Press **<ENTER>**.

Factory Reset

To restore the Shocker Panel FX IP to factory default settings:

1. Use **<UP>** or **<DOWN>** to select **Factory Reset**.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **No** or **Yes**.
4. Press **<ENTER>**.

System Update

To update the firmware on the Shocker Panel FX IP:

1. Use **<UP>** or **<DOWN>** to select **System Update**.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **No** or **Yes**.

Wired Master/Slave Mode

The Master/Slave mode allows a single Shocker Panel FX IP product (the “master”) to control the actions of one or more Shocker Panel FX IP products (the “slaves”) without the need of a DMX controller. The master product will be set to operate in either standalone mode or with the IRC-6, while the slave products will be set to operate in slave mode. Once set and connected, the slave products will operate in unison with the master product.

Configure the products as indicated below.

Slave products:

1. Press **<MENU>** repeatedly until **8Ch** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to set the starting address to **d001**.
4. Press **<ENTER>**.
5. Connect the DMX input of the first slave product to the DMX output of the master product.
6. Connect the DMX input of the subsequent slave products to the DMX output of the previous slave product.
7. Finish setting and connecting all the slave products.

Master product:

1. Set the master product to operate in standalone mode.
2. Make the master product the first product in the DMX daisy chain.



- **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.**

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 all 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.



Do not spin the cooling fans using compressed air because they could be damaged.

6. Technical Specifications

Dimensions and Weight

| Length | Width | Height | Weight |
|------------------|-----------------|-----------------|------------------|
| 12.9 in (330 mm) | 5.1 in (130 mm) | 6.8 in (173 mm) | 10.4 lb (4.7 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 | 120 V, 60 Hz | 230 V, 50 Hz |
| Consumption | 238 W | 231 W |
| Operating Current | 2 A | 1 A |
| Power linking current (products) | 12 A (6 products) | 12 A (11 products) |
| Power I/O | U.S./Worldwide | UK/Europe |
| Power input connector | True1 | True1 |
| Power output connector | True1 | True1 |
| Power cable plug | Edison (U.S.) | Local Plug |

Light Source

| Type | Color | Quantity | Power | Current | Lifespan |
|------|------------|----------|-------|---------|--------------|
| LED | Tricolor | 480 | 2 W | 1 A | 50,000 hours |
| LED | Cool white | 32 | 1.8 W | 0.5 A | 50,000 hours |

Photometrics

| Beam Angle | Field Angle | Illuminance @ 2 m | Lumens |
|------------|-------------|-------------------|------------|
| 119° | 158° | 1,131 lux | 13,626 lux |

Thermal

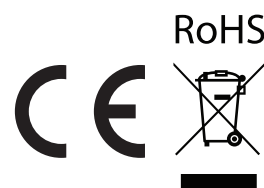
| Maximum External Temperature | Cooling System |
|------------------------------|----------------|
| 113 °F (45 °C) | Convection |

DMX

| I/O Connector | Channel Range |
|---------------|------------------|
| 5-pin XLR | 8, 18, 34, or 47 |

Ordering

| Product Name | Item Code | UPC Number |
|---------------------|-----------|--------------|
| Shocker Panel FX IP | 07052727 | 781462230753 |



Contact Us

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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.