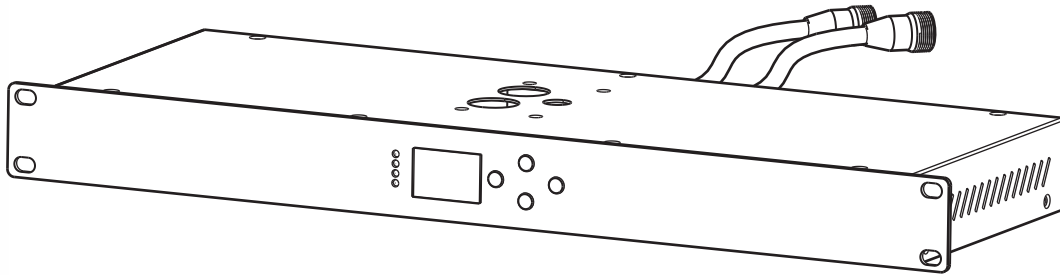


# ÉPIX

FLEX DRIVE  
User Manual



## Edition Notes

The ÉPIX Flex Drive User Manual includes a description, safety precautions, installation, programming, operation and maintenance instructions for the ÉPIX Flex Drive 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 ÉPIX Flex Drive User Manual is the 2nd edition of this document. Go to [www.chauvetprofessional.com](http://www.chauvetprofessional.com) for the latest version.

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# 1. Before You Begin

## What Is Included

- ÉPIX Flex Drive
- Power Cord
- Quick Reference Guide

## Claims

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




If the box or the contents (the product and included accessories) appear damaged from shipping, or show signs of mishandling, notify the carrier immediately, not Chauvet. Failure to report damage to the carrier immediately may invalidate your claim. In addition, keep the box and contents for inspection.

For other issues, such as missing components or parts, damage not related to shipping, or concealed damage, file a claim with Chauvet within 7 days of delivery.

## Text Conventions

| Convention           | Meaning  |
|----------------------|--|
| <b>1–512</b>         | A range of values                                  |
| <b>50/60</b>         | A set of values of which only one can be chosen    |
| <b>Settings</b>      | A menu option not to be modified                   |
| <b>&lt;ENTER&gt;</b> | 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.   |



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

## Before You Begin

---

### Safety Notes

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



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



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

### Personal Safety

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

### Mounting and Rigging

- This product is for indoor use only! To prevent risk of fire or shock, do not expose this product to rain or moisture. (IP20)
- CAUTION: When transferring product from extreme temperature environments, (e.g., cold truck to warm, humid ballroom) condensation may form on the internal electronics of the product. To avoid causing a failure, allow product to fully acclimate to the surrounding environment before connecting it to power.
- Mount this product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- Make sure there are no flammable materials close to the product when operating.
- When hanging this product, always secure to a fastening device using a safety cable.

### Power and Wiring

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

### Operation

- Do not operate this product if there is damage on the housing, lenses, or cables. Have the damaged parts replaced by an authorized technician at once.
- Do not cover the ventilation slots when operating to avoid internal overheating.
- The maximum ambient temperature is 113 °F (45 °C). Do not operate the product at higher temperatures.
- The minimum startup temperature is -4°F (-20°C). Do not start the product at lower temperatures.
- The minimum ambient temperature is -22°F (-30°C). Do not operate the product at lower temperatures.
- In the event of a serious operation problem, stop using this product immediately!



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

### Expected LED Lifespan

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

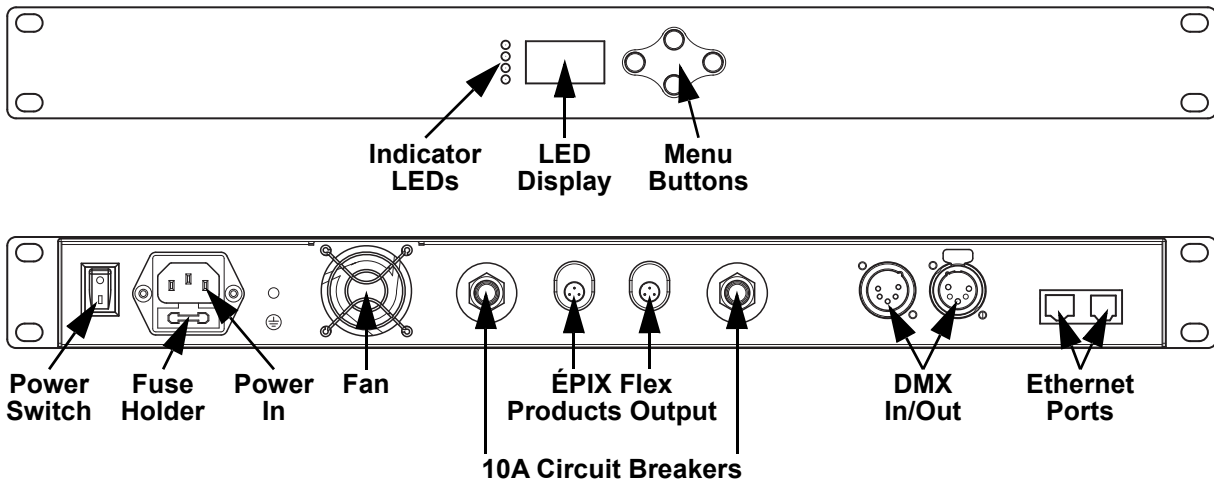
### Description

The ÉPIX Flex Drive controls the ÉPIX Flex 20 with 2 plug and play outputs that drive up to 4 ÉPIX Flex 20 products at 960 LEDs each. Adding an ÉPIX Flex Boost to each output doubles the capacity of the drive to 1920 LEDs or 8 ÉPIX Flex 20, which reduces cost per linear feet. To ease installation, the ÉPIX Flex Drive allows for 75ft of extension cables between it and the first ÉPIX Flex 20. Use either pixel control or its simplified 17 / 34-channel control personalities to support changing colors and built-in automatic programs. A webserver is supported for remote configuration and for firmware updates.

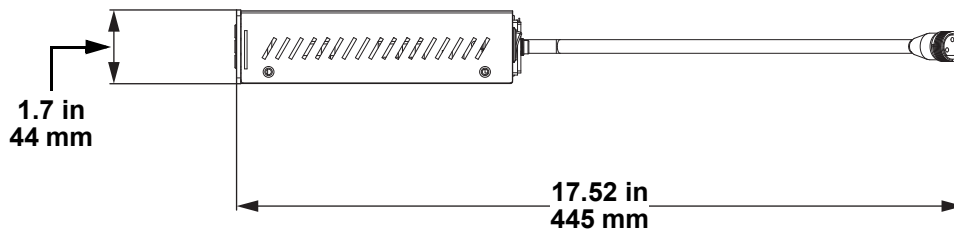
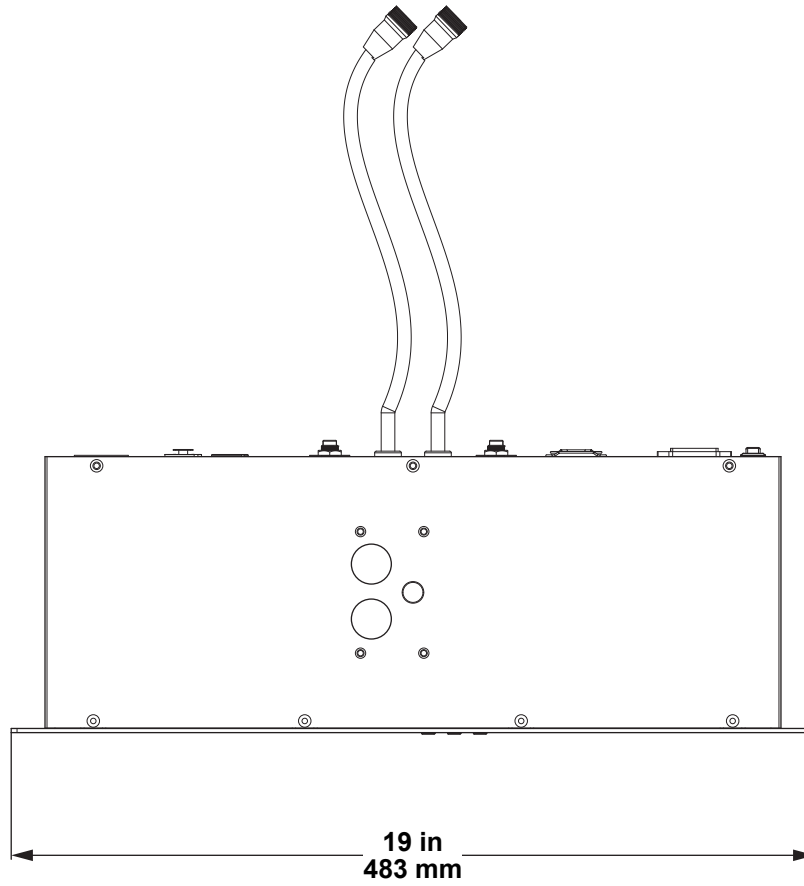
### Features

- The processing and power center of the ÉPIX Flex system drives the ÉPIX Flex 20 pixel product.
- Versatile control options include DMX, Art-Net™ and sACN (streaming ACN) to support the touring/ rental/installation markets.
- Quickly and easily configure the ÉPIX Flex Drive using the built-in OLED display and menu.
- Easily configure your ÉPIX Flex 20 by assigning the pixel count/output (2 total).
- Supports up to 4 ÉPIX Flex 20 5 meter rolls, or up to 8 with the ÉPIX Flex Boost (sold separately).
- Easily daisy chain fixtures directly from the 2 outputs of the Flex Drive.
- Advanced power management design allows you to position the ÉPIX Flex Drive up to 50 ft away from your first ÉPIX Flex 20.
- Works with Arkaos Media Master Express for a plug-n-play system that requires almost no training to operate.
- Supports RDM over Art-Net™ and full webserver interface for remote configuration and firmware updates.
- Multiple control personalities offers flexibility for detailed pixel-level control or simplified plug and play options using the 17/34 channel modes.

### Product Overview



**Product Dimensions**



### 3. Setup

#### AC Power

The ÉPIX Flex Drive 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.**

#### AC Plug

The ÉPIX Flex Drive comes with a power input cord terminated with an IEC connector on one end and an Edison plug on the other end (U.S. market). If the power input cord that came with your product has no plug, or if you need to change the plug, use the table below to wire the new plug.

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

#### Fuse Replacement

1. Disconnect the product from power.
2. Wedge the tip of a flat-head screwdriver into the slot of the fuse holder.
3. Pry the safety cap out of the housing.
4. Remove the blown fuse from the clip on the front of the safety cap and replace with a fuse of the exact same type and rating.
5. Re-insert the fuse holder and reconnect power.



- **Disconnect the product from power before replacing a blown fuse.**
- **Always replace the blown fuse with another of the same type and rating.**



## Setup

### Mounting

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

The ÉPIX Flex Drive also fits on a standard 19" rack.

### Orientation

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

### Rigging

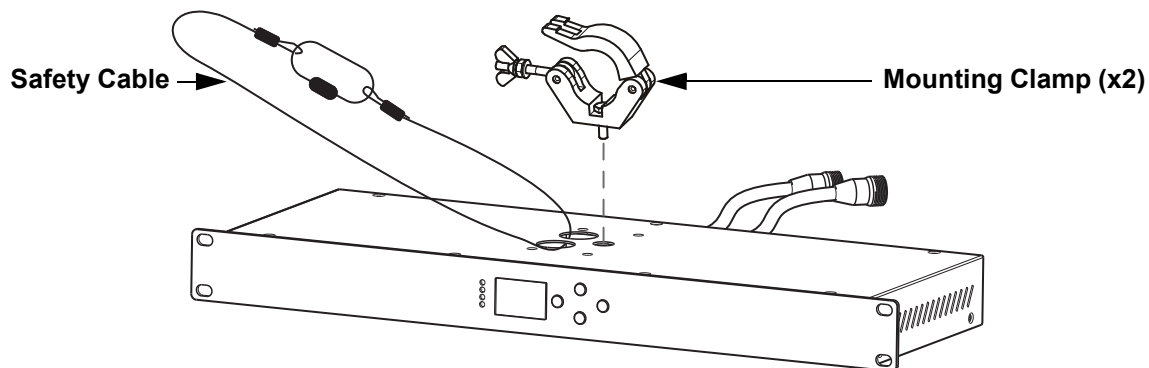
Chauvet recommends using the following general guidelines when mounting this product.

- Before deciding on a location for the product, make sure there is easy access to the product for maintenance and programming purposes.
- Make sure that the structure onto which you are mounting the product can support the product's weight. See the [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 ÉPIX Flex Drive comes with a bracket to which you can attach a mounting clamp directly. 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 <http://www.trusst.com/products>.

### Mounting Diagram



## Signal Connections

The ÉPIX Flex Drive can receive DMX, Art-Net™, or sACN signal. The ÉPIX Flex Drive has 2 Seetronic Etherkon IP65 through ports, and 3- and 5-pin DMX in and out ports. For more information about DMX, read the DMX primer at: [https://www.chauvetprofessional.com/wp-content/uploads/2016/06/DMX\\_Primer.pdf](https://www.chauvetprofessional.com/wp-content/uploads/2016/06/DMX_Primer.pdf).

### Art-Net™ Connection

Art-Net™ is an Ethernet protocol that uses TCP/IP which transfers a large amount of DMX512 data using a Seetronic Etherkon IP65 connection over a large network. An Art-Net™ protocol document is available from [www.chauvetprofessional.com](http://www.chauvetprofessional.com).

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

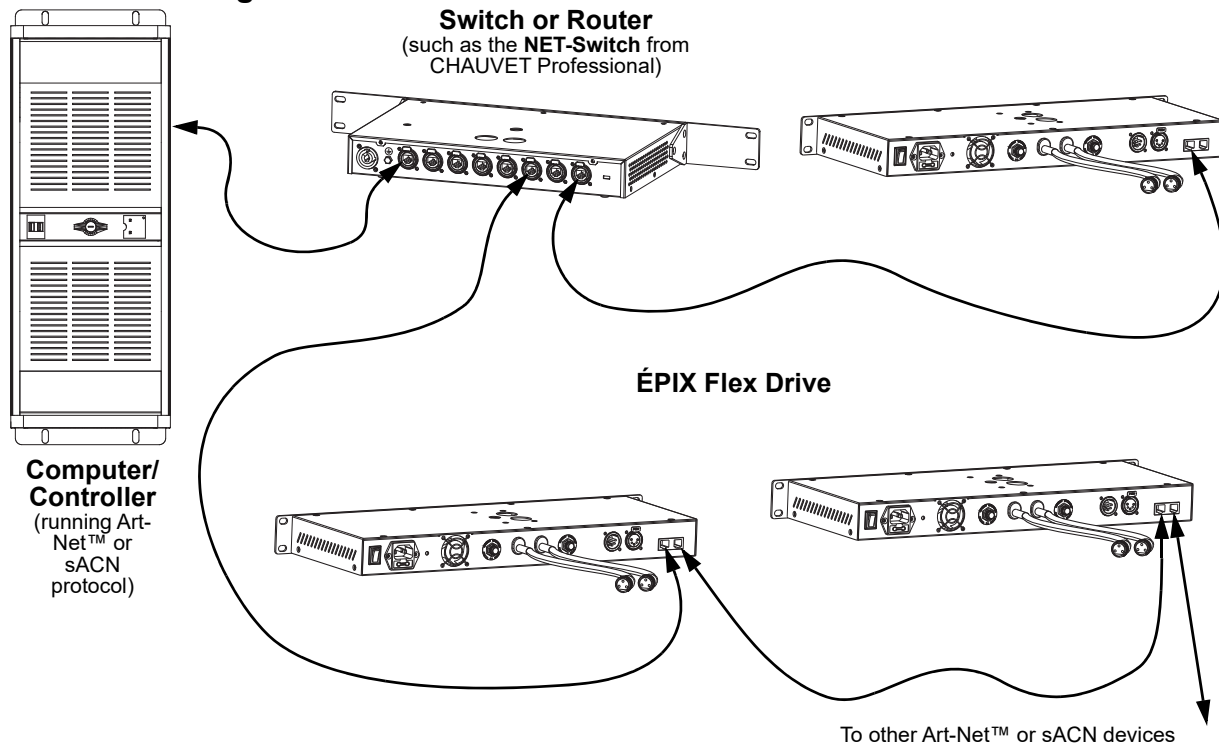
### sACN Connection

Also known as ANSI E1.31, streaming ACN 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.

### Remote Device Management (RDM)

Remote Device Management, or RDM, is a standard for allowing DMX-enabled devices to communicate bi-directionally along existing DMX cabling. Check the DMX controller's User Manual or with the manufacturer as not all DMX controllers have this capability. The ÉPIX Flex Drive supports RDM protocol that allows feedback to make changes to menu map options.

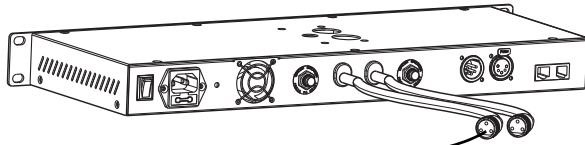
### Connection Diagram



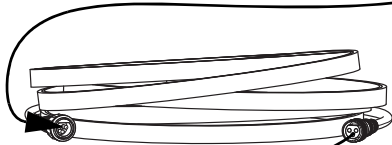
## Setup

### Connecting ÉPIX Flex Products

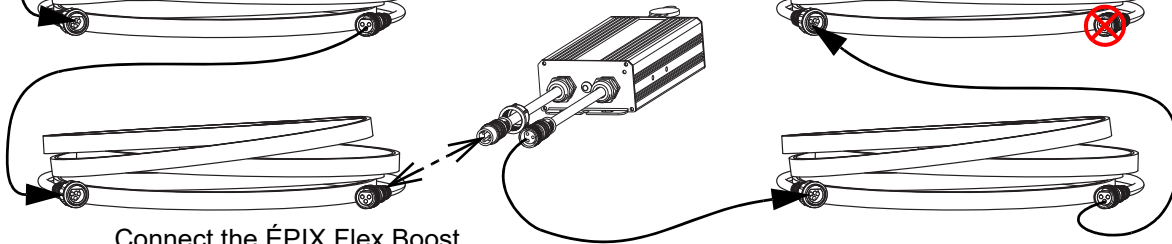
The ÉPIX Flex Drive is the power supply for the ÉPIX Flex series of products. Each product must be daisy-chained together in series. This power supply is capable of powering up to 1,920 LEDs (960 from each port).



Length of cables between ÉPIX Flex Drive and 1st ÉPIX Flex 20 must not exceed 75 ft (22.9 m).



Length of cables between ÉPIX Flex 20 products must not exceed 10 ft (3 m).



Connect the ÉPIX Flex Boost directly to the previous ÉPIX Flex 20.

Length of cables between ÉPIX Flex Boost and the next ÉPIX Flex 20 must not exceed 30 ft (9.1 m).

The ÉPIX Flex Drive can support 2 ÉPIX Flex 20 products with each port by itself, for a total of 4 ÉPIX Flex 20 products.

Connect an ÉPIX Flex Boost after the second ÉPIX Flex 20 product on each port to enable the ÉPIX Flex Drive to support an additional 2 ÉPIX Flex 20 products with each port. This increases the total to 8 ÉPIX Flex 20 products (4 per port).

**The recommended connection order from each port of the ÉPIX Flex Drive is as follows:**



1. ÉPIX Flex Drive port
2. ÉPIX Flex 20
3. ÉPIX Flex 20
4. ÉPIX Flex Boost
5. ÉPIX Flex 20
6. ÉPIX Flex 20 (end)

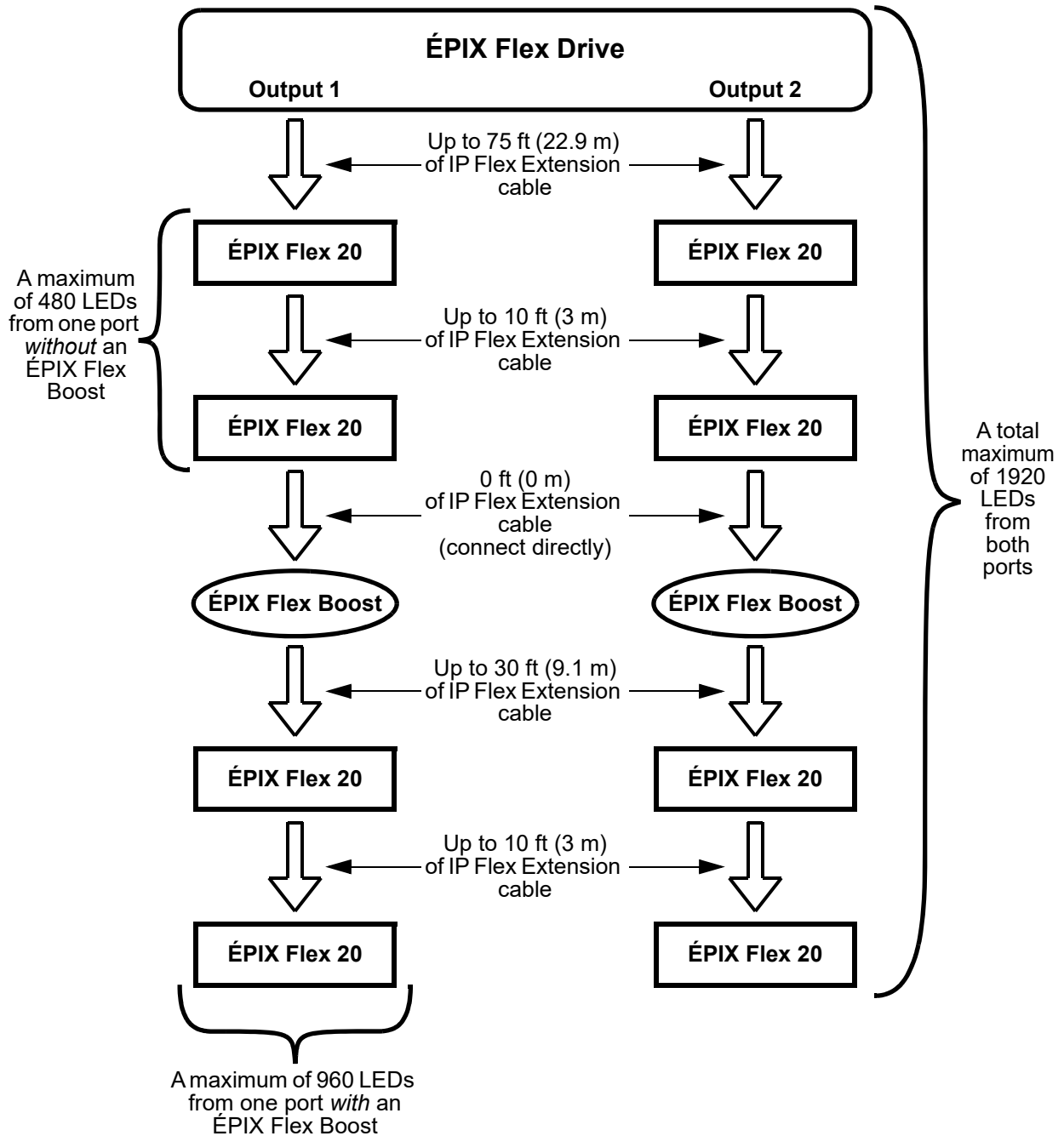


- Make sure the length of cables between each ÉPIX Flex Drive port and the first ÉPIX Flex 20 does not exceed 75 ft (22.9 m).
- Make sure the length of cables between each ÉPIX Flex 20 does not exceed 10 ft (3 m).
- Make sure the ÉPIX Flex Boost is plugged directly into the previous ÉPIX Flex 20.
- Make sure the length of cables between the ÉPIX Flex Boost and the next ÉPIX Flex 20 does not exceed 30 ft (9.1 m).



**Use ONLY CHAUVET Professional cables with the ÉPIX Flex Drive. For our line of cables compatible with the ÉPIX Flex Drive, go to <https://www.chauvetprofessional.com/accessories>.**

**ÉPIX Flex Products Flowchart**



## 4. Operation

### Control Panel Operation

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

### Device Status Screen

The home screen of the ÉPIX Flex Drive displays the current control protocol, the address of each output, the personality, and whether there are ethernet connections or a DMX connection.

To access the Device Status screen, press and hold <MENU> for 3 seconds, or leave the display inactive for 30 seconds.

From the Device Status screen, press <MENU> to access the main menu, or press <ENTER> to access the Port Setup menu.

### Menu Map

| Main Level        | Programming Levels |                               |       | Description   |
|-------------------|--------------------|-------------------------------|-------|---|
| 1. Operating Mode | 1. Standalone      |                               |       | Selects the control protocol  |
|                   | 2. Art-Net         |                               |       |   |
|                   | 3. sACN            |                               |       |   |
|                   | 4. DMX             |                               |       |   |
| 2. Personality    | 1. 17 Channel      |                               |       | Sets the control personality (see <a href="#">Control Personalities</a> )                                       |
|                   | 2. 34 Channel      |                               |       |   |
|                   | 3. Pixel           |                               |       |   |
| 3. Port Setup     | 1. Output 1        | 1. DMX Start Address          | 1–496 | Sets the starting address for Output 1  |
|                   |                    | 2. Network Universe           | 0–256 | Sets the lowest of the consecutive universes to which Output 1 is assigned (range determined by Operating Mode) |
|                   |                    | 3. LED Quantity               | 1–960 | Sets the number of LEDs controlled by Output 1  |
|                   | 2. Output 2        | 1. DMX Start Address          | 1–496 | Sets the starting address for Output 2 in 34 Channel mode and Pixel mode  |
|                   |                    | 2. Network Universe           | 0–256 | Sets the lowest of the consecutive universes to which Output 2 is assigned (range determined by Operating Mode) |
|                   |                    | 3. LED Quantity               | 1–960 | Sets the number of LEDs controlled by Output 2  |
| 4. Set IP Mode    | 1. Manual IP       | _ _ _ . _ _ _ . _ _ _ . _ _ _ |       | Sets a custom IP address (0–255)  |
|                   | 2. Static IP       |                               |       | Sets a preset IP address  |
| 5. Set Netmask    | A. 255.000.000.000 |                               |       | Sets the net mask   |
|                   | B. 255.255.000.000 |                               |       |   |
|                   | C. 255.255.255.000 |                               |       |   |

| Main Level          | Programming Levels  |            | Description  |   |
|---------------------|---------------------|------------|--|---|
| 6.Standalone Mode   | 1.User Color        | 1.Red:     | 000–255  | Combine red, green, and blue to make a custom color |
|                     |                     | 2.Green:   |  |   |
|                     |                     | 3.Blue:    |  |   |
|                     | 2.Preset Color      | 1.Red      |  | Preset static colors                                |
|                     |                     | 2.Green    |  |   |
|                     |                     | 3.Blue     |  |   |
|                     |                     | 4.Cyan     |  |   |
|                     |                     | 5.Magenta  |  |   |
|                     |                     | 6.Yellow   |  |   |
|                     | 3.Automatic         | 1.Program: | 000–042  | Selects an automatic program                        |
| 2.Speed:            |                     | 000–100    | Sets the automatic program speed                           |   |
| 7.Set LCD Backlight | On                  |            | Display backlight always on                                |   |
|                     | 30s                 |            | Turns off display backlight after 30 seconds of inactivity |   |
| 8.Set Display       | Normal              |            | Rotates display 180°                                       |   |
|                     | Inverted            |            |  |   |
| 9.Factory Reset     | NO                  |            | Resets the product to factory defaults                     |   |
|                     | YES                 |            |  |   |
| 10.Fixture UID      | -----               |            | Shows product UID  |   |
| 11.Firmware Version | B _ . V _ . _ . _ . |            | Shows current firmware version                             |   |

## Configuration (Ethernet and DMX)

The ÉPIX Flex Drive operates by routing Art-Net™, sACN, or DMX to the ÉPIX Flex 20 and ÉPIX Flex Boost products linked to the outputs of the Drive. The protocol must be set for the products to respond correctly to the controller. See the [Menu Map](#) for more information on menu options.

### Operating Mode

To configure the control protocol for the ÉPIX Flex Drive, follow the instructions below.

1. Press <MENU> repeatedly until **1.Operating Mode** is selected.
2. Press <ENTER>.
3. Use <UP> or <DOWN> to select from **1.Standalone**, **2.Art-Net**, **3.sACN**, or **4.DMX**.
4. Press <ENTER>.

### Personality

The ÉPIX Flex Drive uses Art-Net™, sACN, or DMX for its 3 control personalities:

| Personality | Channels             | Description   |
|-------------|----------------------|---|
| 17 Channel  | 17                   | Dimmer, foreground and background RGB control, strobe, auto programs, program speed, and offset, test mode  |
| 34 Channel  | 17 per output        | Enables output ports to be addressed separately for individual 17-channel control   |
| Pixel       | 720 per ÉPIX Flex 20 | Complete pixel control. Only 170 LEDs are accessible by DMX. An ethernet protocol (Art-Net™ or sACN) with multiple universes must be used to access all connected LEDs. |

To select the control personality for either port, do the following:

1. Press <MENU> repeatedly until **2.Personality** is selected.
2. Press <ENTER>.
3. Use <UP> or <DOWN> to select from **1.17 Channel**, **2.34 Channel**, or **3.Pixel**.
4. Press <ENTER>.

## Operation

### Port Setup

To access the settings for Output 1 or Output 2, follow the instructions below.

1. Press **<MENU>** repeatedly until **3.Port Setup** is selected.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **1.Output 1** or **2.Output 2**.
4. Press **<ENTER>**.

### Start Address

To set the starting address for either port of the ÉPIX Flex Drive, do the following:

1. Navigate to the [Port Setup](#) for the desired port.
2. Use **<UP>** or **<DOWN>** to select **1.DMX Start Address**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to increase or decrease the starting DMX address for the selected port, from **1–496**.
5. Press **<ENTER>**.



**The DMX Start Address for Output 2 only affects the 34 Channel and Pixel personalities.**

### Network Universe

Each ÉPIX Flex Drive uses 6 consecutive universes in Art-Net™ mode and sACN mode, which are assigned by setting the starting (lowest-numbered) universe address.

To set the starting universe for either port, follow the instructions below.

1. Navigate to the [Port Setup](#) for the desired port.
2. Use **<UP>** or **<DOWN>** to select **2.Network Universe**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to increase or decrease the lowest consecutive universe for the selected port, from **000–256**.
5. Press **<ENTER>**.

### LED Quantity

This setting specifies the number of LEDs connected to each port of the ÉPIX Flex Drive. The automatic programs are scaled according to the value selected in this setting. To change this setting, do the following:

1. Navigate to the [Port Setup](#) for the desired port.
2. Use **<UP>** or **<DOWN>** to select **3.LED Quantity**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to increase or decrease the number of LEDs connected to the selected port, from **1–960**. (Each ÉPIX Flex 20 has 240 LEDs. 2 ÉPIX Flex 20 products will have 480, 3 will have 720, and 4 will have 960.)
5. Press **<ENTER>**.

### IP Mode

The IP address of the ÉPIX Flex Drive can be set automatically or manually. To configure the IP mode, follow the instructions below.

1. Press **<MENU>** repeatedly until **4.Set IP Mode** is selected.
2. Use **<UP>** or **<DOWN>** to select either **1.Manual IP** or **2.Static IP**.
3. Press **<ENTER>**.
4. If **1.Manual IP** was selected, use **<UP>** or **<DOWN>** to increase or decrease the selected number in the IP address, from **0–255**.
5. Press **<ENTER>**.
6. Repeat steps 4 and 5 until the IP address is set as desired.

### Netmask

To set the netmask of the ÉPIX Flex Drive when in Manual IP mode, do the following:

1. Press **<MENU>** repeatedly until **5.Set Netmask** is selected.
2. Use **<UP>** or **<DOWN>** to select from **A. 255.000.000.000**, **B. 255.255.000.000**, or **C. 255.255.255.000**.
3. Press **<ENTER>**.

## Control Values

### Pixel



- Only 170 LEDs are accessible by DMX in Pixel mode.
- An ethernet protocol (Art-Net™ or sACN) with multiple universes must be used to access all connected LEDs in Pixel mode.

| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 1       | Red 1    | 000 ⇔ 255 | 0–100%          |
| 2       | Green 1  | 000 ⇔ 255 | 0–100%          |
| 3       | Blue 1   | 000 ⇔ 255 | 0–100%          |
| 4       | Red 2    | 000 ⇔ 255 | 0–100%          |
| 5       | Green 2  | 000 ⇔ 255 | 0–100%          |
| 6       | Blue 2   | 000 ⇔ 255 | 0–100%          |
| 7       | Red 3    | 000 ⇔ 255 | 0–100%          |
| 8       | Green 3  | 000 ⇔ 255 | 0–100%          |
| 9       | Blue 3   | 000 ⇔ 255 | 0–100%          |
| 10      | Red 4    | 000 ⇔ 255 | 0–100%          |
| 11      | Green 4  | 000 ⇔ 255 | 0–100%          |
| 12      | Blue 4   | 000 ⇔ 255 | 0–100%          |
| 13      | Red 5    | 000 ⇔ 255 | 0–100%          |
| 14      | Green 5  | 000 ⇔ 255 | 0–100%          |
| 15      | Blue 5   | 000 ⇔ 255 | 0–100%          |
| 16      | Red 6    | 000 ⇔ 255 | 0–100%          |
| 17      | Green 6  | 000 ⇔ 255 | 0–100%          |
| 18      | Blue 6   | 000 ⇔ 255 | 0–100%          |
| 19      | Red 7    | 000 ⇔ 255 | 0–100%          |
| 20      | Green 7  | 000 ⇔ 255 | 0–100%          |
| 21      | Blue 7   | 000 ⇔ 255 | 0–100%          |
| 22      | Red 8    | 000 ⇔ 255 | 0–100%          |
| 23      | Green 8  | 000 ⇔ 255 | 0–100%          |
| 24      | Blue 8   | 000 ⇔ 255 | 0–100%          |
| 25      | Red 9    | 000 ⇔ 255 | 0–100%          |
| 26      | Green 9  | 000 ⇔ 255 | 0–100%          |
| 27      | Blue 9   | 000 ⇔ 255 | 0–100%          |
| 28      | Red 10   | 000 ⇔ 255 | 0–100%          |
| 29      | Green 10 | 000 ⇔ 255 | 0–100%          |
| 30      | Blue 10  | 000 ⇔ 255 | 0–100%          |
| 31      | Red 11   | 000 ⇔ 255 | 0–100%          |
| 32      | Green 11 | 000 ⇔ 255 | 0–100%          |
| 33      | Blue 11  | 000 ⇔ 255 | 0–100%          |
| 34      | Red 12   | 000 ⇔ 255 | 0–100%          |
| 35      | Green 12 | 000 ⇔ 255 | 0–100%          |
| 36      | Blue 12  | 000 ⇔ 255 | 0–100%          |
| 37      | Red 13   | 000 ⇔ 255 | 0–100%          |
| 38      | Green 13 | 000 ⇔ 255 | 0–100%          |
| 39      | Blue 13  | 000 ⇔ 255 | 0–100%          |
| 40      | Red 14   | 000 ⇔ 255 | 0–100%          |
| 41      | Green 14 | 000 ⇔ 255 | 0–100%          |



## Operation

| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 42      | Blue 14  | 000 ⇔ 255 | 0–100%          |
| 43      | Red 15   | 000 ⇔ 255 | 0–100%          |
| 44      | Green 15 | 000 ⇔ 255 | 0–100%          |
| 45      | Blue 15  | 000 ⇔ 255 | 0–100%          |
| 46      | Red 16   | 000 ⇔ 255 | 0–100%          |
| 47      | Green 16 | 000 ⇔ 255 | 0–100%          |
| 48      | Blue 16  | 000 ⇔ 255 | 0–100%          |
| 49      | Red 17   | 000 ⇔ 255 | 0–100%          |
| 50      | Green 17 | 000 ⇔ 255 | 0–100%          |
| 51      | Blue 17  | 000 ⇔ 255 | 0–100%          |
| 52      | Red 18   | 000 ⇔ 255 | 0–100%          |
| 53      | Green 18 | 000 ⇔ 255 | 0–100%          |
| 54      | Blue 18  | 000 ⇔ 255 | 0–100%          |
| 55      | Red 19   | 000 ⇔ 255 | 0–100%          |
| 56      | Green 19 | 000 ⇔ 255 | 0–100%          |
| 57      | Blue 19  | 000 ⇔ 255 | 0–100%          |
| 58      | Red 20   | 000 ⇔ 255 | 0–100%          |
| 59      | Green 20 | 000 ⇔ 255 | 0–100%          |
| 60      | Blue 20  | 000 ⇔ 255 | 0–100%          |
| 61      | Red 21   | 000 ⇔ 255 | 0–100%          |
| 62      | Green 21 | 000 ⇔ 255 | 0–100%          |
| 63      | Blue 21  | 000 ⇔ 255 | 0–100%          |
| 64      | Red 22   | 000 ⇔ 255 | 0–100%          |
| 65      | Green 22 | 000 ⇔ 255 | 0–100%          |
| 66      | Blue 22  | 000 ⇔ 255 | 0–100%          |
| 67      | Red 23   | 000 ⇔ 255 | 0–100%          |
| 68      | Green 23 | 000 ⇔ 255 | 0–100%          |
| 69      | Blue 23  | 000 ⇔ 255 | 0–100%          |
| 70      | Red 24   | 000 ⇔ 255 | 0–100%          |
| 71      | Green 24 | 000 ⇔ 255 | 0–100%          |
| 72      | Blue 24  | 000 ⇔ 255 | 0–100%          |
| 73      | Red 25   | 000 ⇔ 255 | 0–100%          |
| 74      | Green 25 | 000 ⇔ 255 | 0–100%          |
| 75      | Blue 25  | 000 ⇔ 255 | 0–100%          |
| 76      | Red 26   | 000 ⇔ 255 | 0–100%          |
| 77      | Green 26 | 000 ⇔ 255 | 0–100%          |
| 78      | Blue 26  | 000 ⇔ 255 | 0–100%          |
| 79      | Red 27   | 000 ⇔ 255 | 0–100%          |
| 80      | Green 27 | 000 ⇔ 255 | 0–100%          |
| 81      | Blue 27  | 000 ⇔ 255 | 0–100%          |
| 82      | Red 28   | 000 ⇔ 255 | 0–100%          |
| 83      | Green 28 | 000 ⇔ 255 | 0–100%          |
| 84      | Blue 28  | 000 ⇔ 255 | 0–100%          |
| 85      | Red 29   | 000 ⇔ 255 | 0–100%          |
| 86      | Green 29 | 000 ⇔ 255 | 0–100%          |
| 87      | Blue 29  | 000 ⇔ 255 | 0–100%          |

| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 88      | Red 30   | 000 ⇔ 255 | 0–100%          |
| 89      | Green 30 | 000 ⇔ 255 | 0–100%          |
| 90      | Blue 30  | 000 ⇔ 255 | 0–100%          |
| 91      | Red 31   | 000 ⇔ 255 | 0–100%          |
| 92      | Green 31 | 000 ⇔ 255 | 0–100%          |
| 93      | Blue 31  | 000 ⇔ 255 | 0–100%          |
| 94      | Red 32   | 000 ⇔ 255 | 0–100%          |
| 95      | Green 32 | 000 ⇔ 255 | 0–100%          |
| 96      | Blue 32  | 000 ⇔ 255 | 0–100%          |
| 97      | Red 33   | 000 ⇔ 255 | 0–100%          |
| 98      | Green 33 | 000 ⇔ 255 | 0–100%          |
| 99      | Blue 33  | 000 ⇔ 255 | 0–100%          |
| 100     | Red 34   | 000 ⇔ 255 | 0–100%          |
| 101     | Green 34 | 000 ⇔ 255 | 0–100%          |
| 102     | Blue 34  | 000 ⇔ 255 | 0–100%          |
| 103     | Red 35   | 000 ⇔ 255 | 0–100%          |
| 104     | Green 35 | 000 ⇔ 255 | 0–100%          |
| 105     | Blue 35  | 000 ⇔ 255 | 0–100%          |
| 106     | Red 36   | 000 ⇔ 255 | 0–100%          |
| 107     | Green 36 | 000 ⇔ 255 | 0–100%          |
| 108     | Blue 36  | 000 ⇔ 255 | 0–100%          |
| 109     | Red 37   | 000 ⇔ 255 | 0–100%          |
| 110     | Green 37 | 000 ⇔ 255 | 0–100%          |
| 111     | Blue 37  | 000 ⇔ 255 | 0–100%          |
| 112     | Red 38   | 000 ⇔ 255 | 0–100%          |
| 113     | Green 38 | 000 ⇔ 255 | 0–100%          |
| 114     | Blue 38  | 000 ⇔ 255 | 0–100%          |
| 115     | Red 39   | 000 ⇔ 255 | 0–100%          |
| 116     | Green 39 | 000 ⇔ 255 | 0–100%          |
| 117     | Blue 39  | 000 ⇔ 255 | 0–100%          |
| 118     | Red 40   | 000 ⇔ 255 | 0–100%          |
| 119     | Green 40 | 000 ⇔ 255 | 0–100%          |
| 120     | Blue 40  | 000 ⇔ 255 | 0–100%          |
| 121     | Red 41   | 000 ⇔ 255 | 0–100%          |
| 122     | Green 41 | 000 ⇔ 255 | 0–100%          |
| 123     | Blue 41  | 000 ⇔ 255 | 0–100%          |
| 124     | Red 42   | 000 ⇔ 255 | 0–100%          |
| 125     | Green 42 | 000 ⇔ 255 | 0–100%          |
| 126     | Blue 42  | 000 ⇔ 255 | 0–100%          |
| 127     | Red 43   | 000 ⇔ 255 | 0–100%          |
| 128     | Green 43 | 000 ⇔ 255 | 0–100%          |
| 129     | Blue 43  | 000 ⇔ 255 | 0–100%          |
| 130     | Red 44   | 000 ⇔ 255 | 0–100%          |
| 131     | Green 44 | 000 ⇔ 255 | 0–100%          |
| 132     | Blue 44  | 000 ⇔ 255 | 0–100%          |
| 133     | Red 45   | 000 ⇔ 255 | 0–100%          |

## Operation

| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 134     | Green 45 | 000 ⇔ 255 | 0–100%          |
| 135     | Blue 45  | 000 ⇔ 255 | 0–100%          |
| 136     | Red 46   | 000 ⇔ 255 | 0–100%          |
| 137     | Green 46 | 000 ⇔ 255 | 0–100%          |
| 138     | Blue 46  | 000 ⇔ 255 | 0–100%          |
| 139     | Red 47   | 000 ⇔ 255 | 0–100%          |
| 140     | Green 47 | 000 ⇔ 255 | 0–100%          |
| 141     | Blue 47  | 000 ⇔ 255 | 0–100%          |
| 142     | Red 48   | 000 ⇔ 255 | 0–100%          |
| 143     | Green 48 | 000 ⇔ 255 | 0–100%          |
| 144     | Blue 48  | 000 ⇔ 255 | 0–100%          |
| 145     | Red 49   | 000 ⇔ 255 | 0–100%          |
| 146     | Green 49 | 000 ⇔ 255 | 0–100%          |
| 147     | Blue 49  | 000 ⇔ 255 | 0–100%          |
| 148     | Red 50   | 000 ⇔ 255 | 0–100%          |
| 149     | Green 50 | 000 ⇔ 255 | 0–100%          |
| 150     | Blue 50  | 000 ⇔ 255 | 0–100%          |
| 151     | Red 51   | 000 ⇔ 255 | 0–100%          |
| 152     | Green 51 | 000 ⇔ 255 | 0–100%          |
| 153     | Blue 51  | 000 ⇔ 255 | 0–100%          |
| 154     | Red 52   | 000 ⇔ 255 | 0–100%          |
| 155     | Green 52 | 000 ⇔ 255 | 0–100%          |
| 156     | Blue 52  | 000 ⇔ 255 | 0–100%          |
| 157     | Red 53   | 000 ⇔ 255 | 0–100%          |
| 158     | Green 53 | 000 ⇔ 255 | 0–100%          |
| 159     | Blue 53  | 000 ⇔ 255 | 0–100%          |
| 160     | Red 54   | 000 ⇔ 255 | 0–100%          |
| 161     | Green 54 | 000 ⇔ 255 | 0–100%          |
| 162     | Blue 54  | 000 ⇔ 255 | 0–100%          |
| 163     | Red 55   | 000 ⇔ 255 | 0–100%          |
| 164     | Green 55 | 000 ⇔ 255 | 0–100%          |
| 165     | Blue 55  | 000 ⇔ 255 | 0–100%          |
| 166     | Red 56   | 000 ⇔ 255 | 0–100%          |
| 167     | Green 56 | 000 ⇔ 255 | 0–100%          |
| 168     | Blue 56  | 000 ⇔ 255 | 0–100%          |
| 169     | Red 57   | 000 ⇔ 255 | 0–100%          |
| 170     | Green 57 | 000 ⇔ 255 | 0–100%          |
| 171     | Blue 57  | 000 ⇔ 255 | 0–100%          |
| 172     | Red 58   | 000 ⇔ 255 | 0–100%          |
| 173     | Green 58 | 000 ⇔ 255 | 0–100%          |
| 174     | Blue 58  | 000 ⇔ 255 | 0–100%          |
| 175     | Red 59   | 000 ⇔ 255 | 0–100%          |
| 176     | Green 59 | 000 ⇔ 255 | 0–100%          |
| 177     | Blue 59  | 000 ⇔ 255 | 0–100%          |
| 178     | Red 60   | 000 ⇔ 255 | 0–100%          |
| 179     | Green 60 | 000 ⇔ 255 | 0–100%          |

| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 180     | Blue 60  | 000 ⇔ 255 | 0-100%          |
| 181     | Red 61   | 000 ⇔ 255 | 0-100%          |
| 182     | Green 61 | 000 ⇔ 255 | 0-100%          |
| 183     | Blue 61  | 000 ⇔ 255 | 0-100%          |
| 184     | Red 62   | 000 ⇔ 255 | 0-100%          |
| 185     | Green 62 | 000 ⇔ 255 | 0-100%          |
| 186     | Blue 62  | 000 ⇔ 255 | 0-100%          |
| 187     | Red 63   | 000 ⇔ 255 | 0-100%          |
| 188     | Green 63 | 000 ⇔ 255 | 0-100%          |
| 189     | Blue 63  | 000 ⇔ 255 | 0-100%          |
| 190     | Red 64   | 000 ⇔ 255 | 0-100%          |
| 191     | Green 64 | 000 ⇔ 255 | 0-100%          |
| 192     | Blue 64  | 000 ⇔ 255 | 0-100%          |
| 193     | Red 65   | 000 ⇔ 255 | 0-100%          |
| 194     | Green 65 | 000 ⇔ 255 | 0-100%          |
| 195     | Blue 65  | 000 ⇔ 255 | 0-100%          |
| 196     | Red 66   | 000 ⇔ 255 | 0-100%          |
| 197     | Green 66 | 000 ⇔ 255 | 0-100%          |
| 198     | Blue 66  | 000 ⇔ 255 | 0-100%          |
| 199     | Red 67   | 000 ⇔ 255 | 0-100%          |
| 200     | Green 67 | 000 ⇔ 255 | 0-100%          |
| 201     | Blue 67  | 000 ⇔ 255 | 0-100%          |
| 202     | Red 68   | 000 ⇔ 255 | 0-100%          |
| 203     | Green 68 | 000 ⇔ 255 | 0-100%          |
| 204     | Blue 68  | 000 ⇔ 255 | 0-100%          |
| 205     | Red 69   | 000 ⇔ 255 | 0-100%          |
| 206     | Green 69 | 000 ⇔ 255 | 0-100%          |
| 207     | Blue 69  | 000 ⇔ 255 | 0-100%          |
| 208     | Red 70   | 000 ⇔ 255 | 0-100%          |
| 209     | Green 70 | 000 ⇔ 255 | 0-100%          |
| 210     | Blue 70  | 000 ⇔ 255 | 0-100%          |
| 211     | Red 71   | 000 ⇔ 255 | 0-100%          |
| 212     | Green 71 | 000 ⇔ 255 | 0-100%          |
| 213     | Blue 71  | 000 ⇔ 255 | 0-100%          |
| 214     | Red 72   | 000 ⇔ 255 | 0-100%          |
| 215     | Green 72 | 000 ⇔ 255 | 0-100%          |
| 216     | Blue 72  | 000 ⇔ 255 | 0-100%          |
| 217     | Red 73   | 000 ⇔ 255 | 0-100%          |
| 218     | Green 73 | 000 ⇔ 255 | 0-100%          |
| 219     | Blue 73  | 000 ⇔ 255 | 0-100%          |
| 220     | Red 74   | 000 ⇔ 255 | 0-100%          |
| 221     | Green 74 | 000 ⇔ 255 | 0-100%          |
| 222     | Blue 74  | 000 ⇔ 255 | 0-100%          |
| 223     | Red 75   | 000 ⇔ 255 | 0-100%          |
| 224     | Green 75 | 000 ⇔ 255 | 0-100%          |
| 225     | Blue 75  | 000 ⇔ 255 | 0-100%          |

## Operation

| Channel | Function | Value     | Percent/Setting |
|---------|----------|-----------|-----------------|
| 226     | Red 76   | 000 ⇔ 255 | 0–100%          |
| 227     | Green 76 | 000 ⇔ 255 | 0–100%          |
| 228     | Blue 76  | 000 ⇔ 255 | 0–100%          |
| 229     | Red 77   | 000 ⇔ 255 | 0–100%          |
| 230     | Green 77 | 000 ⇔ 255 | 0–100%          |
| 231     | Blue 77  | 000 ⇔ 255 | 0–100%          |
| 232     | Red 78   | 000 ⇔ 255 | 0–100%          |
| 233     | Green 78 | 000 ⇔ 255 | 0–100%          |
| 234     | Blue 78  | 000 ⇔ 255 | 0–100%          |
| 235     | Red 79   | 000 ⇔ 255 | 0–100%          |
| 236     | Green 79 | 000 ⇔ 255 | 0–100%          |
| 237     | Blue 79  | 000 ⇔ 255 | 0–100%          |
| 238     | Red 80   | 000 ⇔ 255 | 0–100%          |
| 239     | Green 80 | 000 ⇔ 255 | 0–100%          |
| 240     | Blue 80  | 000 ⇔ 255 | 0–100%          |
| 241     | Red 81   | 000 ⇔ 255 | 0–100%          |
| 242     | Green 81 | 000 ⇔ 255 | 0–100%          |
| 243     | Blue 81  | 000 ⇔ 255 | 0–100%          |
| 244     | Red 82   | 000 ⇔ 255 | 0–100%          |
| 245     | Green 82 | 000 ⇔ 255 | 0–100%          |
| 246     | Blue 82  | 000 ⇔ 255 | 0–100%          |
| 247     | Red 83   | 000 ⇔ 255 | 0–100%          |
| 248     | Green 83 | 000 ⇔ 255 | 0–100%          |
| 249     | Blue 83  | 000 ⇔ 255 | 0–100%          |
| 250     | Red 84   | 000 ⇔ 255 | 0–100%          |
| 251     | Green 84 | 000 ⇔ 255 | 0–100%          |
| 252     | Blue 84  | 000 ⇔ 255 | 0–100%          |
| 253     | Red 85   | 000 ⇔ 255 | 0–100%          |
| 254     | Green 85 | 000 ⇔ 255 | 0–100%          |
| 255     | Blue 85  | 000 ⇔ 255 | 0–100%          |
| 256     | Red 86   | 000 ⇔ 255 | 0–100%          |
| 257     | Green 86 | 000 ⇔ 255 | 0–100%          |
| 258     | Blue 86  | 000 ⇔ 255 | 0–100%          |
| 259     | Red 87   | 000 ⇔ 255 | 0–100%          |
| 260     | Green 87 | 000 ⇔ 255 | 0–100%          |
| 261     | Blue 87  | 000 ⇔ 255 | 0–100%          |
| 262     | Red 88   | 000 ⇔ 255 | 0–100%          |
| 263     | Green 88 | 000 ⇔ 255 | 0–100%          |
| 264     | Blue 88  | 000 ⇔ 255 | 0–100%          |
| 265     | Red 89   | 000 ⇔ 255 | 0–100%          |
| 266     | Green 89 | 000 ⇔ 255 | 0–100%          |
| 267     | Blue 89  | 000 ⇔ 255 | 0–100%          |
| 268     | Red 90   | 000 ⇔ 255 | 0–100%          |
| 269     | Green 90 | 000 ⇔ 255 | 0–100%          |
| 270     | Blue 90  | 000 ⇔ 255 | 0–100%          |
| 271     | Red 91   | 000 ⇔ 255 | 0–100%          |

| Channel | Function  | Value     | Percent/Setting |
|---------|-----------|-----------|-----------------|
| 272     | Green 91  | 000 ⇔ 255 | 0–100%          |
| 273     | Blue 91   | 000 ⇔ 255 | 0–100%          |
| 274     | Red 92    | 000 ⇔ 255 | 0–100%          |
| 275     | Green 92  | 000 ⇔ 255 | 0–100%          |
| 276     | Blue 92   | 000 ⇔ 255 | 0–100%          |
| 277     | Red 93    | 000 ⇔ 255 | 0–100%          |
| 278     | Green 93  | 000 ⇔ 255 | 0–100%          |
| 279     | Blue 93   | 000 ⇔ 255 | 0–100%          |
| 280     | Red 94    | 000 ⇔ 255 | 0–100%          |
| 281     | Green 94  | 000 ⇔ 255 | 0–100%          |
| 282     | Blue 94   | 000 ⇔ 255 | 0–100%          |
| 283     | Red 95    | 000 ⇔ 255 | 0–100%          |
| 284     | Green 95  | 000 ⇔ 255 | 0–100%          |
| 285     | Blue 95   | 000 ⇔ 255 | 0–100%          |
| 286     | Red 96    | 000 ⇔ 255 | 0–100%          |
| 287     | Green 96  | 000 ⇔ 255 | 0–100%          |
| 288     | Blue 96   | 000 ⇔ 255 | 0–100%          |
| 289     | Red 97    | 000 ⇔ 255 | 0–100%          |
| 290     | Green 97  | 000 ⇔ 255 | 0–100%          |
| 291     | Blue 97   | 000 ⇔ 255 | 0–100%          |
| 292     | Red 98    | 000 ⇔ 255 | 0–100%          |
| 293     | Green 98  | 000 ⇔ 255 | 0–100%          |
| 294     | Blue 98   | 000 ⇔ 255 | 0–100%          |
| 295     | Red 99    | 000 ⇔ 255 | 0–100%          |
| 296     | Green 99  | 000 ⇔ 255 | 0–100%          |
| 297     | Blue 99   | 000 ⇔ 255 | 0–100%          |
| 298     | Red 100   | 000 ⇔ 255 | 0–100%          |
| 299     | Green 100 | 000 ⇔ 255 | 0–100%          |
| 300     | Blue 100  | 000 ⇔ 255 | 0–100%          |
| 301     | Red 101   | 000 ⇔ 255 | 0–100%          |
| 302     | Green 101 | 000 ⇔ 255 | 0–100%          |
| 303     | Blue 101  | 000 ⇔ 255 | 0–100%          |
| 304     | Red 102   | 000 ⇔ 255 | 0–100%          |
| 305     | Green 102 | 000 ⇔ 255 | 0–100%          |
| 306     | Blue 102  | 000 ⇔ 255 | 0–100%          |
| 307     | Red 103   | 000 ⇔ 255 | 0–100%          |
| 308     | Green 103 | 000 ⇔ 255 | 0–100%          |
| 309     | Blue 103  | 000 ⇔ 255 | 0–100%          |
| 310     | Red 104   | 000 ⇔ 255 | 0–100%          |
| 311     | Green 104 | 000 ⇔ 255 | 0–100%          |
| 312     | Blue 104  | 000 ⇔ 255 | 0–100%          |
| 313     | Red 105   | 000 ⇔ 255 | 0–100%          |
| 314     | Green 105 | 000 ⇔ 255 | 0–100%          |
| 315     | Blue 105  | 000 ⇔ 255 | 0–100%          |
| 316     | Red 106   | 000 ⇔ 255 | 0–100%          |
| 317     | Green 106 | 000 ⇔ 255 | 0–100%          |

## Operation

| Channel | Function  | Value     | Percent/Setting |
|---------|-----------|-----------|-----------------|
| 318     | Blue 106  | 000 ⇔ 255 | 0–100%          |
| 319     | Red 107   | 000 ⇔ 255 | 0–100%          |
| 320     | Green 107 | 000 ⇔ 255 | 0–100%          |
| 321     | Blue 107  | 000 ⇔ 255 | 0–100%          |
| 322     | Red 108   | 000 ⇔ 255 | 0–100%          |
| 323     | Green 108 | 000 ⇔ 255 | 0–100%          |
| 324     | Blue 108  | 000 ⇔ 255 | 0–100%          |
| 325     | Red 109   | 000 ⇔ 255 | 0–100%          |
| 326     | Green 109 | 000 ⇔ 255 | 0–100%          |
| 327     | Blue 109  | 000 ⇔ 255 | 0–100%          |
| 328     | Red 110   | 000 ⇔ 255 | 0–100%          |
| 329     | Green 110 | 000 ⇔ 255 | 0–100%          |
| 330     | Blue 110  | 000 ⇔ 255 | 0–100%          |
| 331     | Red 111   | 000 ⇔ 255 | 0–100%          |
| 332     | Green 111 | 000 ⇔ 255 | 0–100%          |
| 333     | Blue 111  | 000 ⇔ 255 | 0–100%          |
| 334     | Red 112   | 000 ⇔ 255 | 0–100%          |
| 335     | Green 112 | 000 ⇔ 255 | 0–100%          |
| 336     | Blue 112  | 000 ⇔ 255 | 0–100%          |
| 337     | Red 113   | 000 ⇔ 255 | 0–100%          |
| 338     | Green 113 | 000 ⇔ 255 | 0–100%          |
| 339     | Blue 113  | 000 ⇔ 255 | 0–100%          |
| 340     | Red 114   | 000 ⇔ 255 | 0–100%          |
| 341     | Green 114 | 000 ⇔ 255 | 0–100%          |
| 342     | Blue 114  | 000 ⇔ 255 | 0–100%          |
| 343     | Red 115   | 000 ⇔ 255 | 0–100%          |
| 344     | Green 115 | 000 ⇔ 255 | 0–100%          |
| 345     | Blue 115  | 000 ⇔ 255 | 0–100%          |
| 346     | Red 116   | 000 ⇔ 255 | 0–100%          |
| 347     | Green 116 | 000 ⇔ 255 | 0–100%          |
| 348     | Blue 116  | 000 ⇔ 255 | 0–100%          |
| 349     | Red 117   | 000 ⇔ 255 | 0–100%          |
| 350     | Green 117 | 000 ⇔ 255 | 0–100%          |
| 351     | Blue 117  | 000 ⇔ 255 | 0–100%          |
| 352     | Red 118   | 000 ⇔ 255 | 0–100%          |
| 353     | Green 118 | 000 ⇔ 255 | 0–100%          |
| 354     | Blue 118  | 000 ⇔ 255 | 0–100%          |
| 355     | Red 119   | 000 ⇔ 255 | 0–100%          |
| 356     | Green 119 | 000 ⇔ 255 | 0–100%          |
| 357     | Blue 119  | 000 ⇔ 255 | 0–100%          |
| 358     | Red 120   | 000 ⇔ 255 | 0–100%          |
| 359     | Green 120 | 000 ⇔ 255 | 0–100%          |
| 360     | Blue 120  | 000 ⇔ 255 | 0–100%          |
| 361     | Red 121   | 000 ⇔ 255 | 0–100%          |
| 362     | Green 121 | 000 ⇔ 255 | 0–100%          |
| 363     | Blue 121  | 000 ⇔ 255 | 0–100%          |

| Channel | Function  | Value     | Percent/Setting |
|---------|-----------|-----------|-----------------|
| 364     | Red 122   | 000 ⇔ 255 | 0–100%          |
| 365     | Green 122 | 000 ⇔ 255 | 0–100%          |
| 366     | Blue 122  | 000 ⇔ 255 | 0–100%          |
| 367     | Red 123   | 000 ⇔ 255 | 0–100%          |
| 368     | Green 123 | 000 ⇔ 255 | 0–100%          |
| 369     | Blue 123  | 000 ⇔ 255 | 0–100%          |
| 370     | Red 124   | 000 ⇔ 255 | 0–100%          |
| 371     | Green 124 | 000 ⇔ 255 | 0–100%          |
| 372     | Blue 124  | 000 ⇔ 255 | 0–100%          |
| 373     | Red 125   | 000 ⇔ 255 | 0–100%          |
| 374     | Green 125 | 000 ⇔ 255 | 0–100%          |
| 375     | Blue 125  | 000 ⇔ 255 | 0–100%          |
| 376     | Red 126   | 000 ⇔ 255 | 0–100%          |
| 377     | Green 126 | 000 ⇔ 255 | 0–100%          |
| 378     | Blue 126  | 000 ⇔ 255 | 0–100%          |
| 379     | Red 127   | 000 ⇔ 255 | 0–100%          |
| 380     | Green 127 | 000 ⇔ 255 | 0–100%          |
| 381     | Blue 127  | 000 ⇔ 255 | 0–100%          |
| 382     | Red 128   | 000 ⇔ 255 | 0–100%          |
| 383     | Green 128 | 000 ⇔ 255 | 0–100%          |
| 384     | Blue 128  | 000 ⇔ 255 | 0–100%          |
| 385     | Red 129   | 000 ⇔ 255 | 0–100%          |
| 386     | Green 129 | 000 ⇔ 255 | 0–100%          |
| 387     | Blue 129  | 000 ⇔ 255 | 0–100%          |
| 388     | Red 130   | 000 ⇔ 255 | 0–100%          |
| 389     | Green 130 | 000 ⇔ 255 | 0–100%          |
| 390     | Blue 130  | 000 ⇔ 255 | 0–100%          |
| 391     | Red 131   | 000 ⇔ 255 | 0–100%          |
| 392     | Green 131 | 000 ⇔ 255 | 0–100%          |
| 393     | Blue 131  | 000 ⇔ 255 | 0–100%          |
| 394     | Red 132   | 000 ⇔ 255 | 0–100%          |
| 395     | Green 132 | 000 ⇔ 255 | 0–100%          |
| 396     | Blue 132  | 000 ⇔ 255 | 0–100%          |
| 397     | Red 133   | 000 ⇔ 255 | 0–100%          |
| 398     | Green 133 | 000 ⇔ 255 | 0–100%          |
| 399     | Blue 133  | 000 ⇔ 255 | 0–100%          |
| 400     | Red 134   | 000 ⇔ 255 | 0–100%          |
| 401     | Green 134 | 000 ⇔ 255 | 0–100%          |
| 402     | Blue 134  | 000 ⇔ 255 | 0–100%          |
| 403     | Red 135   | 000 ⇔ 255 | 0–100%          |
| 404     | Green 135 | 000 ⇔ 255 | 0–100%          |
| 405     | Blue 135  | 000 ⇔ 255 | 0–100%          |
| 406     | Red 136   | 000 ⇔ 255 | 0–100%          |
| 407     | Green 136 | 000 ⇔ 255 | 0–100%          |
| 408     | Blue 136  | 000 ⇔ 255 | 0–100%          |
| 409     | Red 137   | 000 ⇔ 255 | 0–100%          |



## Operation

| Channel | Function  | Value     | Percent/Setting |
|---------|-----------|-----------|-----------------|
| 410     | Green 137 | 000 ⇔ 255 | 0–100%          |
| 411     | Blue 137  | 000 ⇔ 255 | 0–100%          |
| 412     | Red 138   | 000 ⇔ 255 | 0–100%          |
| 413     | Green 138 | 000 ⇔ 255 | 0–100%          |
| 414     | Blue 138  | 000 ⇔ 255 | 0–100%          |
| 415     | Red 139   | 000 ⇔ 255 | 0–100%          |
| 416     | Green 139 | 000 ⇔ 255 | 0–100%          |
| 417     | Blue 139  | 000 ⇔ 255 | 0–100%          |
| 418     | Red 140   | 000 ⇔ 255 | 0–100%          |
| 419     | Green 140 | 000 ⇔ 255 | 0–100%          |
| 420     | Blue 140  | 000 ⇔ 255 | 0–100%          |
| 421     | Red 141   | 000 ⇔ 255 | 0–100%          |
| 422     | Green 141 | 000 ⇔ 255 | 0–100%          |
| 423     | Blue 141  | 000 ⇔ 255 | 0–100%          |
| 424     | Red 142   | 000 ⇔ 255 | 0–100%          |
| 425     | Green 142 | 000 ⇔ 255 | 0–100%          |
| 426     | Blue 142  | 000 ⇔ 255 | 0–100%          |
| 427     | Red 143   | 000 ⇔ 255 | 0–100%          |
| 428     | Green 143 | 000 ⇔ 255 | 0–100%          |
| 429     | Blue 143  | 000 ⇔ 255 | 0–100%          |
| 430     | Red 144   | 000 ⇔ 255 | 0–100%          |
| 431     | Green 144 | 000 ⇔ 255 | 0–100%          |
| 432     | Blue 144  | 000 ⇔ 255 | 0–100%          |
| 433     | Red 145   | 000 ⇔ 255 | 0–100%          |
| 434     | Green 145 | 000 ⇔ 255 | 0–100%          |
| 435     | Blue 145  | 000 ⇔ 255 | 0–100%          |
| 436     | Red 146   | 000 ⇔ 255 | 0–100%          |
| 437     | Green 146 | 000 ⇔ 255 | 0–100%          |
| 438     | Blue 146  | 000 ⇔ 255 | 0–100%          |
| 439     | Red 147   | 000 ⇔ 255 | 0–100%          |
| 440     | Green 147 | 000 ⇔ 255 | 0–100%          |
| 441     | Blue 147  | 000 ⇔ 255 | 0–100%          |
| 442     | Red 148   | 000 ⇔ 255 | 0–100%          |
| 443     | Green 148 | 000 ⇔ 255 | 0–100%          |
| 444     | Blue 148  | 000 ⇔ 255 | 0–100%          |
| 445     | Red 149   | 000 ⇔ 255 | 0–100%          |
| 446     | Green 149 | 000 ⇔ 255 | 0–100%          |
| 447     | Blue 149  | 000 ⇔ 255 | 0–100%          |
| 448     | Red 150   | 000 ⇔ 255 | 0–100%          |
| 449     | Green 150 | 000 ⇔ 255 | 0–100%          |
| 450     | Blue 150  | 000 ⇔ 255 | 0–100%          |
| 451     | Red 151   | 000 ⇔ 255 | 0–100%          |
| 452     | Green 151 | 000 ⇔ 255 | 0–100%          |
| 453     | Blue 151  | 000 ⇔ 255 | 0–100%          |
| 454     | Red 152   | 000 ⇔ 255 | 0–100%          |
| 455     | Green 152 | 000 ⇔ 255 | 0–100%          |

| Channel | Function  | Value     | Percent/Setting |
|---------|-----------|-----------|-----------------|
| 456     | Blue 152  | 000 ⇔ 255 | 0–100%          |
| 457     | Red 153   | 000 ⇔ 255 | 0–100%          |
| 458     | Green 153 | 000 ⇔ 255 | 0–100%          |
| 459     | Blue 153  | 000 ⇔ 255 | 0–100%          |
| 460     | Red 154   | 000 ⇔ 255 | 0–100%          |
| 461     | Green 154 | 000 ⇔ 255 | 0–100%          |
| 462     | Blue 154  | 000 ⇔ 255 | 0–100%          |
| 463     | Red 155   | 000 ⇔ 255 | 0–100%          |
| 464     | Green 155 | 000 ⇔ 255 | 0–100%          |
| 465     | Blue 155  | 000 ⇔ 255 | 0–100%          |
| 466     | Red 156   | 000 ⇔ 255 | 0–100%          |
| 467     | Green 156 | 000 ⇔ 255 | 0–100%          |
| 468     | Blue 156  | 000 ⇔ 255 | 0–100%          |
| 469     | Red 157   | 000 ⇔ 255 | 0–100%          |
| 470     | Green 157 | 000 ⇔ 255 | 0–100%          |
| 471     | Blue 157  | 000 ⇔ 255 | 0–100%          |
| 472     | Red 158   | 000 ⇔ 255 | 0–100%          |
| 473     | Green 158 | 000 ⇔ 255 | 0–100%          |
| 474     | Blue 158  | 000 ⇔ 255 | 0–100%          |
| 475     | Red 159   | 000 ⇔ 255 | 0–100%          |
| 476     | Green 159 | 000 ⇔ 255 | 0–100%          |
| 477     | Blue 159  | 000 ⇔ 255 | 0–100%          |
| 478     | Red 160   | 000 ⇔ 255 | 0–100%          |
| 479     | Green 160 | 000 ⇔ 255 | 0–100%          |
| 480     | Blue 160  | 000 ⇔ 255 | 0–100%          |
| 481     | Red 161   | 000 ⇔ 255 | 0–100%          |
| 482     | Green 161 | 000 ⇔ 255 | 0–100%          |
| 483     | Blue 161  | 000 ⇔ 255 | 0–100%          |
| 484     | Red 162   | 000 ⇔ 255 | 0–100%          |
| 485     | Green 162 | 000 ⇔ 255 | 0–100%          |
| 486     | Blue 162  | 000 ⇔ 255 | 0–100%          |
| 487     | Red 163   | 000 ⇔ 255 | 0–100%          |
| 488     | Green 163 | 000 ⇔ 255 | 0–100%          |
| 489     | Blue 163  | 000 ⇔ 255 | 0–100%          |
| 490     | Red 164   | 000 ⇔ 255 | 0–100%          |
| 491     | Green 164 | 000 ⇔ 255 | 0–100%          |
| 492     | Blue 164  | 000 ⇔ 255 | 0–100%          |
| 493     | Red 165   | 000 ⇔ 255 | 0–100%          |
| 494     | Green 165 | 000 ⇔ 255 | 0–100%          |
| 495     | Blue 165  | 000 ⇔ 255 | 0–100%          |
| 496     | Red 166   | 000 ⇔ 255 | 0–100%          |
| 497     | Green 166 | 000 ⇔ 255 | 0–100%          |
| 498     | Blue 166  | 000 ⇔ 255 | 0–100%          |
| 499     | Red 167   | 000 ⇔ 255 | 0–100%          |
| 500     | Green 167 | 000 ⇔ 255 | 0–100%          |
| 501     | Blue 167  | 000 ⇔ 255 | 0–100%          |

## Operation

| Channel | Function  | Value     | Percent/Setting                |
|---------|-----------|-----------|--------------------------------|
| 502     | Red 168   | 000 ⇔ 255 | 0–100%                         |
| 503     | Green 168 | 000 ⇔ 255 | 0–100%                         |
| 504     | Blue 168  | 000 ⇔ 255 | 0–100%                         |
| 505     | Red 169   | 000 ⇔ 255 | 0–100%                         |
| 506     | Green 169 | 000 ⇔ 255 | 0–100%                         |
| 507     | Blue 169  | 000 ⇔ 255 | 0–100%                         |
| 508     | Red 170   | 000 ⇔ 255 | 0–100%                         |
| 509     | Green 170 | 000 ⇔ 255 | 0–100%                         |
| 510     | Blue 170  | 000 ⇔ 255 | 0–100%                         |
| 511     | Red 171   | 000 ⇔ 255 | 0–100% (not accessible by DMX) |
| 512     | Green 171 | 000 ⇔ 255 | 0–100% (not accessible by DMX) |



- Only 170 LEDs are accessible by DMX in Pixel mode.
- An ethernet protocol (**Art-Net™** or **sACN**) with multiple universes must be used to access all connected LEDs in Pixel mode.

### 17 Channel/34 Channel

| Channel | Function           | Value     | Percent/Setting                                |
|---------|--------------------|-----------|--|
| 1       | Master Dimmer      | 000 ⇔ 255 | 0–100%   |
| 2       | Foreground Red     | 000 ⇔ 255 | 0–100%   |
| 3       | Foreground Green   | 000 ⇔ 255 | 0–100%   |
| 4       | Foreground Blue    | 000 ⇔ 255 | 0–100%   |
| 5       | Foreground Strobe  | 000 ⇔ 010 | No function                                    |
|         |                    | 011 ⇔ 050 | Strobe, slow to fast                           |
|         |                    | 051 ⇔ 090 | Random strobe, slow to fast                    |
|         |                    | 091 ⇔ 140 | Synchronized random strobe, slow to fast       |
|         |                    | 141 ⇔ 255 | Reserved for future use                        |
| 6       | Background Red     | 000 ⇔ 255 | 0–100%   |
| 7       | Background Green   | 000 ⇔ 255 | 0–100%   |
| 8       | Background Blue    | 000 ⇔ 255 | 0–100%   |
| 9       | Background Strobe  | 000 ⇔ 010 | No function                                    |
|         |                    | 011 ⇔ 050 | Strobe, slow to fast                           |
|         |                    | 051 ⇔ 090 | Random strobe, slow to fast                    |
|         |                    | 091 ⇔ 140 | Synchronized random strobe, slow to fast       |
|         |                    | 141 ⇔ 255 | Reserved for future use                        |
| 10      | Foreground Program | 000       | No function                                    |
|         |                    | 001 ⇔ 020 | Automatic program 0                            |
|         |                    | 021 ⇔ 040 | Automatic program 1                            |
|         |                    | 041 ⇔ 060 | Automatic program 2                            |
|         |                    | 061 ⇔ 065 | Automatic program 3                            |
|         |                    | 066 ⇔ 080 | Multi-color program                            |
|         |                    | 081 ⇔ 100 | Color fade program 1                           |
|         |                    | 101 ⇔ 120 | Color fade program 2                           |
|         |                    | 121 ⇔ 140 | Color fade program 3                           |
|         |                    | 141 ⇔ 255 | Reserved for future use                        |
| 11      | Foreground Speed   | 000 ⇔ 255 | Foreground program speed, slow to fast         |
| 12      | Foreground Offset  | 000 ⇔ 255 | Foreground program offset delay, short to long |

| Channel | Function           | Value     | Percent/Setting                                |
|---------|--------------------|-----------|--|
| 13      | Background Program | 000       | No function                                    |
|         |                    | 001 ⇄ 020 | Automatic program 0                            |
|         |                    | 021 ⇄ 040 | Automatic program 1                            |
|         |                    | 041 ⇄ 060 | Automatic program 2                            |
|         |                    | 061 ⇄ 065 | Automatic program 3                            |
|         |                    | 066 ⇄ 255 | Reserved for future use                        |
| 14      | Background Speed   | 000 ⇄ 255 | Background program speed, slow to fast         |
| 15      | Background Offset  | 000 ⇄ 255 | Background program offset delay, short to long |
| 16      | No Function        | 000 ⇄ 255 | No function                                    |
| 17      | Test Mode          | 000 ⇄ 020 | No function                                    |
|         |                    | 021 ⇄ 030 | Test 1 (white)                                 |
|         |                    | 031 ⇄ 040 | Test 2 (color fade)                            |
|         |                    | 041 ⇄ 050 | Test 3 (color scroll)                          |
|         |                    | 051 ⇄ 060 | Test 4 (red)                                   |
|         |                    | 061 ⇄ 070 | Test 5 (green)                                 |
|         |                    | 071 ⇄ 080 | Test 6 (blue)                                  |
|         |                    | 081 ⇄ 255 | Reserved for future use                        |



- 34 Channel mode is identical to 17 Channel mode.
- In 17 Channel mode, Output 2 is addressed the same as Output 1.
- In 34 Channel mode, Output 2 can be addressed separately from Output 1.
- The automatic programs available by DMX are scaled according to the number value set in the [LED Quantity](#) settings for each port.

## Configuration (Standalone)

Use standalone configuration to operate the product 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.**

### Standalone Menu

To access the Standalone Mode menu, follow the instructions below.

1. Press **<MENU>** repeatedly until **6.Standalone Mode** is selected.
2. Press **<ENTER>**.

### Custom Color

To mix a custom static color on the ÉPIX Flex Drive, do the following:

1. Navigate to the [Standalone Menu](#).
2. Use **<UP>** or **<DOWN>** to select **1.User Color**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select which color to edit, from **1.Red:**, **2.Green:**, or **3.Blue:**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to increase or decrease the selected color value, from **000–255**.
7. Press **<ENTER>**.
8. Repeat steps 4-7 until the connected products output as desired.

### Preset Color

To select a preset static color on the ÉPIX Flex Drive, follow the instructions below.

1. Navigate to the [Standalone Menu](#).
2. Use **<UP>** or **<DOWN>** to select **2.Preset Color**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select a color, from **1.Red**, **2.Green**, **3.Blue**, **4.Cyan**, **5.Magenta**, **6.Yellow**, or **7.White**.
5. Press **<ENTER>**.

## Operation

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### Automatic Mode

To run an automatic program on the ÉPIX Flex Drive, do the following:

1. Navigate to the [Standalone Menu](#).
2. Use <UP> or <DOWN> to select **3.Automatic**.
3. Press <ENTER>.
4. Use <UP> or <DOWN> to select from **1.Program:** (to select a program), or **2.Speed** (to set the speed).
5. Press <ENTER>.
6. If **1.Program:**  
Use <UP> or <DOWN> to select a program, from **000–042**.  
If **2.Speed:**  
Use <UP> or <DOWN> to increase or decrease the speed, from **000–100**.
7. Press <ENTER>.



The programs available in this option are scaled according to the number value set in the [LED Quantity](#) settings for each port.

### Configuration (Settings)

#### Display Timeout

To set whether the LCD backlight will stay on or time out after 30 seconds, follow the instructions below.

1. Press <MENU> repeatedly until **7.Set LCD Backlight** is selected.
2. Press <ENTER>.
3. Use <UP> or <DOWN> to select from **On** (stays on), or **30s** (turns off after 30 seconds of inactivity).
4. Press <ENTER>.

#### Display Orientation

To set the display orientation, do the following:

1. Press <MENU> repeatedly until **8.Set Display** is selected.
2. Press <ENTER>.
3. Use <UP> or <DOWN> to select from **Normal** (right-side up), or **Inverted** (upside-down).
4. Press <ENTER>.

#### Factory Reset

To reset the product to factory default settings, follow the instructions below.

1. Press <MENU> repeatedly until **9.Factory Reset** is selected.
2. Press <ENTER>.
3. Use <UP> or <DOWN> to select from **NO** (do not reset), or **YES** (reset).
4. Press <ENTER>.

#### System Information

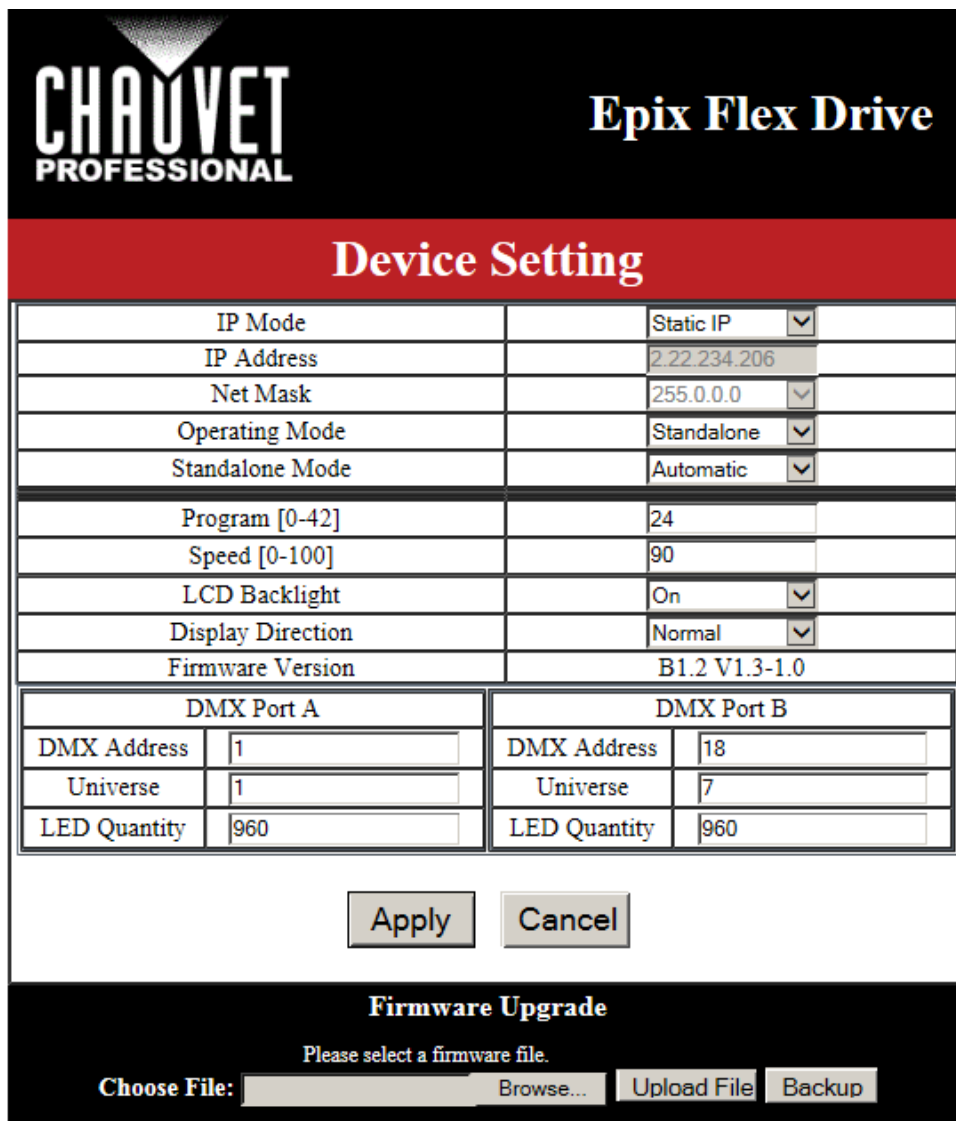
To view the fixture UID, or the current firmware version, do the following:

1. Press <MENU> repeatedly until **10.Fixture UID** or **11.Firmware Version** is selected.
2. Press <ENTER>.

## Web Server

The ÉPIX Flex Drive Web Server can be accessed by any computer on the same network as the product. It allows network access to settings such as control setup and firmware updates.

1. Connect the product to power, and set the **Operating Mode** to **2.Art-Net** and the **IP Mode** to **Static**.
2. Connect the product to a Windows computer with a network cable.
3. On the computer, set the IP address of the new network to have the same first 3 digits as the IP address of the product (The IP address is displayed on the [Device Status Screen](#)).
4. Enter the IP address of the product into the URL bar of a web browser on the computer.



| CHAUVET PROFESSIONAL   |                      | Epix Flex Drive                          |  |
|--|----------------------|--|--|
| Device Setting   |                      |  |  |
| IP Mode  |                      | Static IP                                | ▼  |
| IP Address   |                      | 2.22.234.206                             |  |
| Net Mask   |                      | 255.0.0.0                                | ▼  |
| Operating Mode   |                      | Standalone                               | ▼  |
| Standalone Mode  |                      | Automatic                                | ▼  |
| Program [0-42]   |                      | 24                                       |  |
| Speed [0-100]  |                      | 90                                       |  |
| LCD Backlight  |                      | On                                       | ▼  |
| Display Direction  |                      | Normal                                   | ▼  |
| Firmware Version   |                      | B1.2 V1.3-1.0                            |  |
| DMX Port A   |                      | DMX Port B                               |  |
| DMX Address  | 1                    | DMX Address                              | 18   |
| Universe   | 1                    | Universe                                 | 7  |
| LED Quantity   | 960                  | LED Quantity                             | 960  |
| <input type="button" value="Apply"/> <input type="button" value="Cancel"/> |                      |  |  |
| Firmware Upgrade   |                      |  |  |
| Please select a firmware file.   |                      |  |  |
| Choose File:   | <input type="text"/> | <input type="button" value="Browse..."/> | <input type="button" value="Upload File"/> <input type="button" value="Backup"/> |

## Web Server Operation

The Web Server of the ÉPIX Flex Drive allows the settings of **IP Mode**, custom **IP Address**, **Netmask**, **Operating Mode**, **Standalone Mode** (if applicable), **Program** and **Speed**, **Preset Color** or **User Color**, **LCD Backlight** timeout, and **Display Direction**, as well as the **DMX Address**, **Universe**, and **LED Quantity** for each port to be altered through the internet browser of a computer.

The Web Server also displays the current **Firmware Version**.

## Firmware Update

The Web Server allows the product to be updated with the latest firmware. Go to the product page at <https://www.chauvetprofessional.com> to download firmware updates.

# 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 your 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.**

## 6. Technical Specifications

### Dimensions and Weight

| Length         | Width             | Height         | Weight        |
|----------------|-------------------|----------------|---------------|
| 19 in (483 mm) | 17.52 in (445 mm) | 1.7 in (44 mm) | 6 lb (2.7 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             | 208 V, 60 Hz | 230 V, 50 Hz      |
| Consumption          | 326 W                    | 314W         | 312 W             |
| Operating Current    | 2.75 A                   | 1.64 A       | 1.50 A            |
| Fuse                 | T 5 A, 250 V             | T 5 A, 250 V | T 5 A, 250 V      |
| Breaker              | 10 A                     | 10 A         | 10 A              |

### ÉPIX Product Output

| Output Connector                     | Output Voltage | Maximum Supported LEDs (per Port) | Maximum Supported LEDs (Total) |
|--------------------------------------|----------------|-----------------------------------|--------------------------------|
| 2 3-pin IP65 Ports                   | 24 VDC         | 960                               | 1920                           |
| Maximum Load Without ÉPIX Flex Boost |                | Maximum Load With ÉPIX Flex Boost |                                |
| 2 ÉPIX Flex 20 per port              |                | 4 ÉPIX Flex 20 per port           |                                |

### Maximum Cable Lengths

| Parameter                                  | Maximum Length of IP Flex Extension |
|--|-------------------------------------|
| From ÉPIX Flex Drive to first ÉPIX Flex 20 | 75 ft (22.9 m)                      |
| From ÉPIX Flex 20 to ÉPIX Flex 20          | 10 ft (3 m)                         |
| From ÉPIX Flex 20 to ÉPIX Flex Boost       | 0 ft/m (connect directly)           |
| From ÉPIX Flex Boost to ÉPIX Flex 20       | 30 ft (9.1 m)                       |

### Thermal

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

### Control

| I/O Connector                   | Control Protocol    | Channel Range   |
|---------------------------------|---------------------|-----------------|
| 2 5-pin XLR and 2 Ethernet RJ45 | Art-Net™, sACN, DMX | 17, 34 or PIXEL |

### Ordering

| Product Name    | Item Name     | Item Code | UPC Number   |
|-----------------|---------------|-----------|--------------|
| ÉPIX Flex Drive | EPIXFLEXDRIVE | 99091443  | 781462217914 |



Complies with  
UL 8750  
CSA C22.2 No. 250.13



RoHS





## Returns

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### Returns

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

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

To submit a service request online, go to [www.chauvetprofessional.com/service-request](http://www.chauvetprofessional.com/service-request).

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



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

Before sending the product, clearly write the following information on a piece of paper and place it inside the box:

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

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



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

## Contact Us

| General Information  | Technical Support  |
|--|--|
| <b>Chauvet World Headquarters</b>  |  |
| Address: 5200 NW 108th Ave.<br>Sunrise, FL 33351<br>Voice: (954) 577-4455<br>Fax: (954) 929-5560<br>Toll Free: (800) 762-1084                          | Voice: (844) 393-7575<br>Fax: (954) 756-8015<br>Email: <a href="mailto:chauvetcs@chauvetlighting.com">chauvetcs@chauvetlighting.com</a><br>Website: <a href="http://www.chauvetprofessional.com">www.chauvetprofessional.com</a> |
| <b>Chauvet Europe Ltd</b>  |  |
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