

GigBAR Flex

User Manual

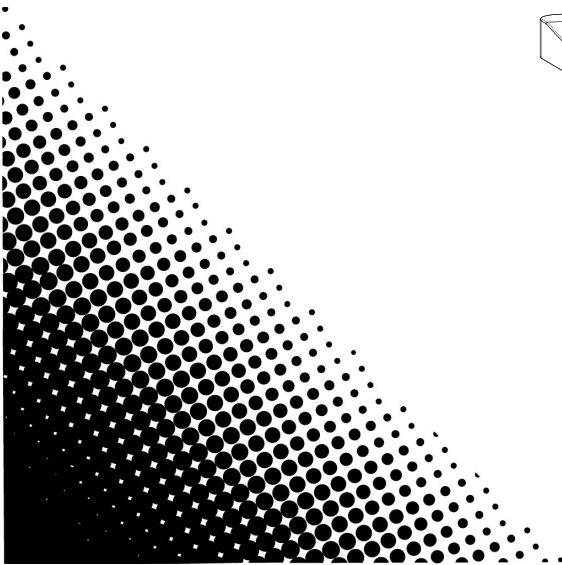
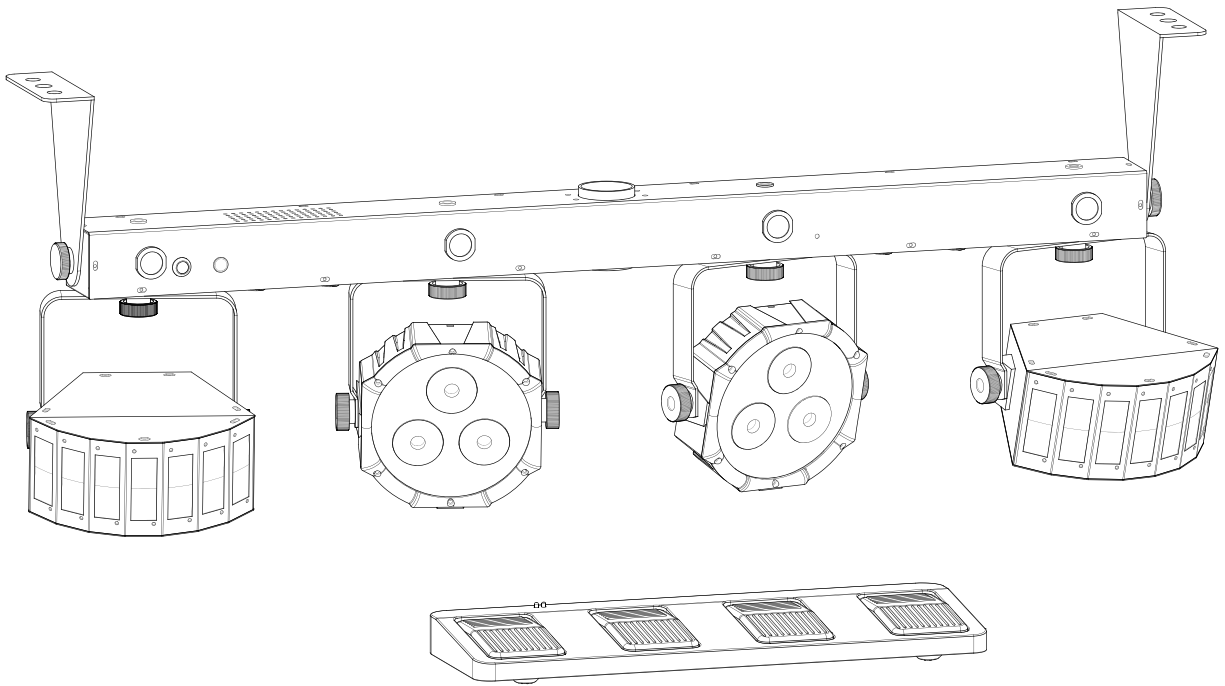


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1. Before You Begin

What Is Included

- GigBAR Flex
- Power cord
- Carrying bag
- Wireless footswitch
- IRC-6
- 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 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 |
|----------------------|--|
| 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. |

Disclaimer

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Safety Notes



- This product is not intended for permanent installation.
- Always connect the product to a grounded circuit to avoid the risk of electrocution.
- Always disconnect the product from the power source before cleaning or replacing the fuse.
- Avoid direct eye exposure to the light source while the product is on.
- Make sure the power cord is not crimped or damaged.
- Never disconnect the product from power by pulling or tugging on the cord.
- If mounting the product overhead, always secure to a fastening device using a safety cable.
- Make sure there are no flammable materials close to the product when operating.
- Do not touch the product's housing when operating because it may be very hot.



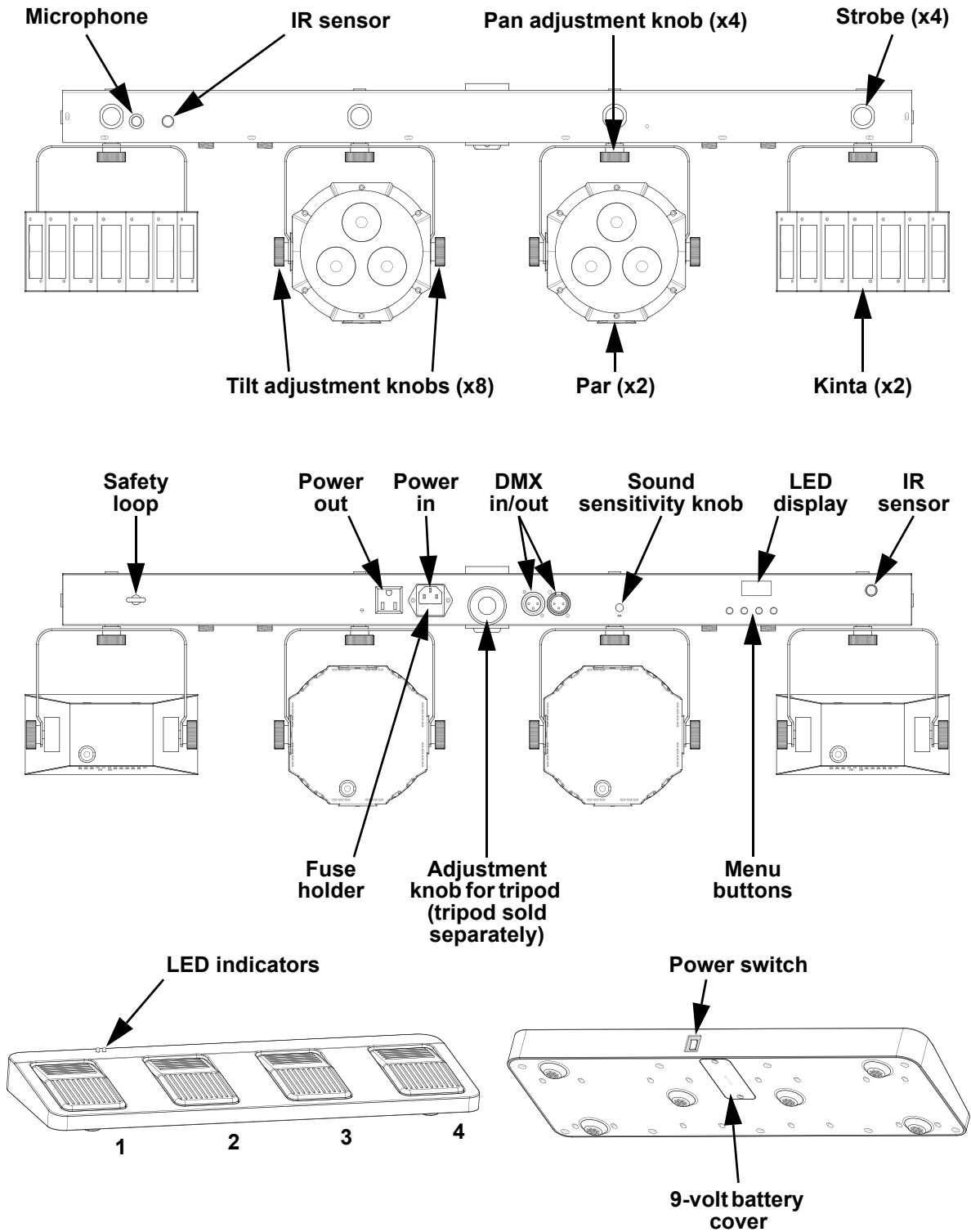
- The voltage of the outlet to which you are connecting this product must be within the range stated on the decal or rear panel of the product.
- The product is for indoor use only! (IP20) To prevent risk of fire or shock, do not expose the product to rain or moisture.
- Always install the product in a location with adequate ventilation, at least 20 in (50 cm) from adjacent surfaces.
- Be sure that no ventilation slots on the product's housing are blocked.
- Never connect the product to a dimmer or rheostat.
- Make sure to replace the fuse with another of the same type and rating.
- Never carry the product from the power cord or any moving part. Always use the handles.
- The maximum ambient temperature is 104 °F (40 °C). Do not operate this product at higher temperatures.
- In the event of a serious operating problem, stop using the product immediately.
- Do not open this product. It contains no user-serviceable parts.
- 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.



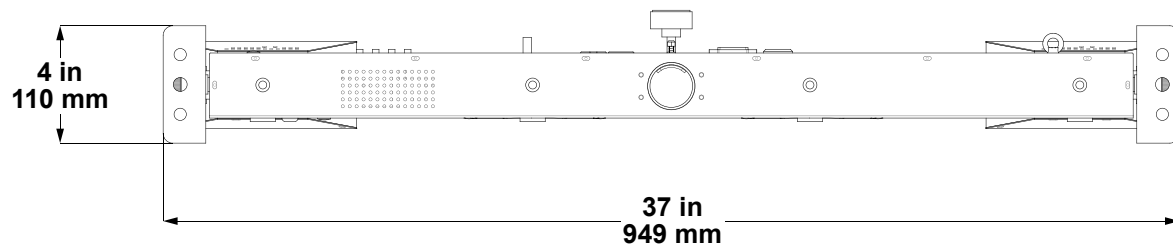
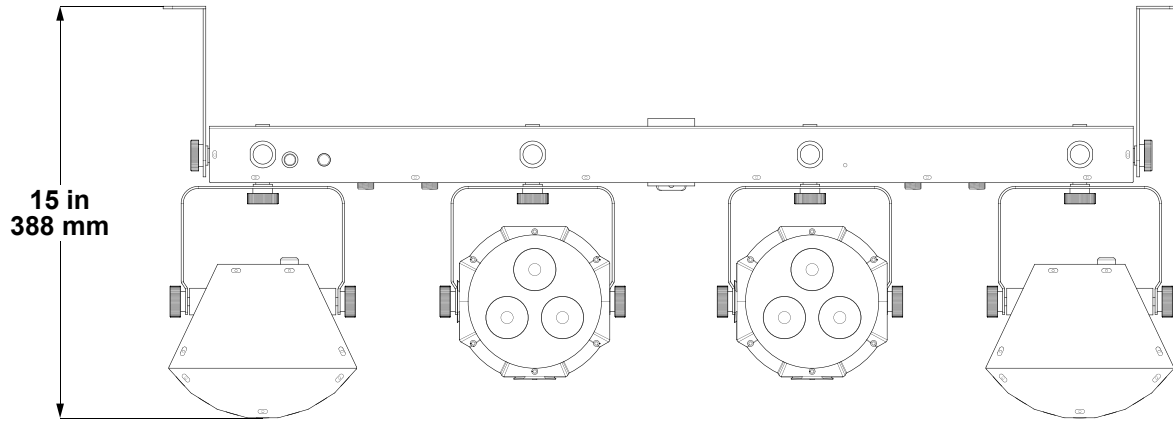
Keep this User Manual for future use. If the product is sold to someone else, be sure that they also receive this document.

2. Introduction

Product Overview



Product Dimensions



3. Setup

AC Power

The GigBAR Flex 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.



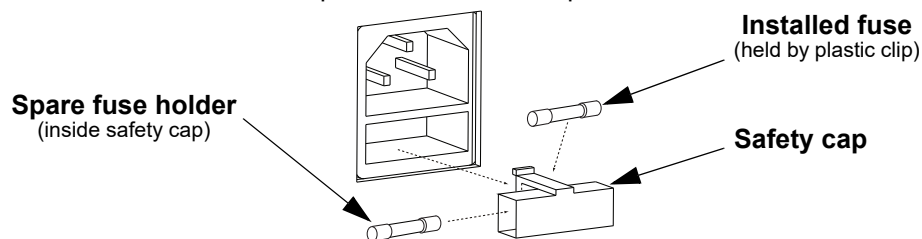
- **Always connect the product to a protected circuit (a circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.**
- **To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product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

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 fuse holder out of the housing.
4. Remove the blown fuse from the holder and replace with a fuse of the exact same type and rating.
5. Insert the fuse holder back in place and reconnect power.

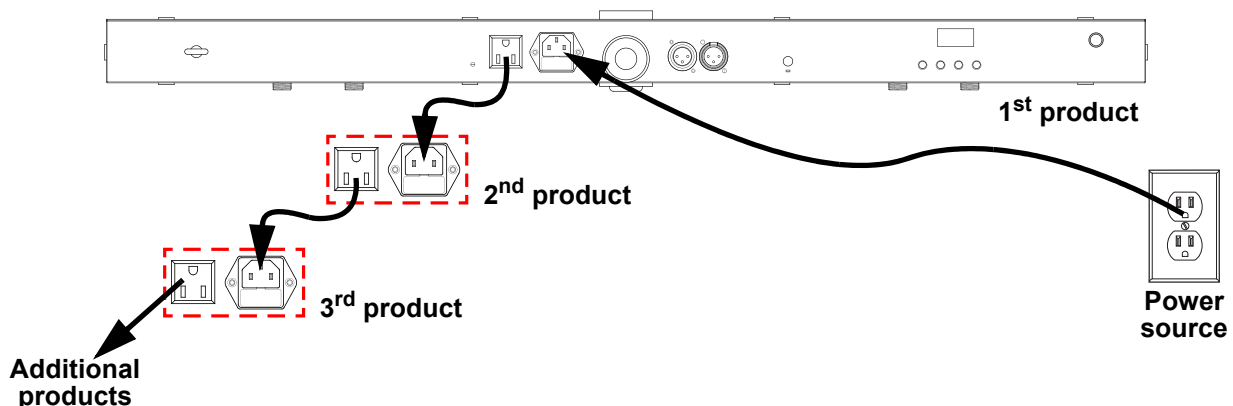


Disconnect the product from the power outlet before replacing the fuse.

Power Linking

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

Power Linking Diagram



You can power link up to 12 GigBAR Flex products on 120 VAC or up to 22 GigBAR Flex products on 230 VAC.



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

Mounting

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

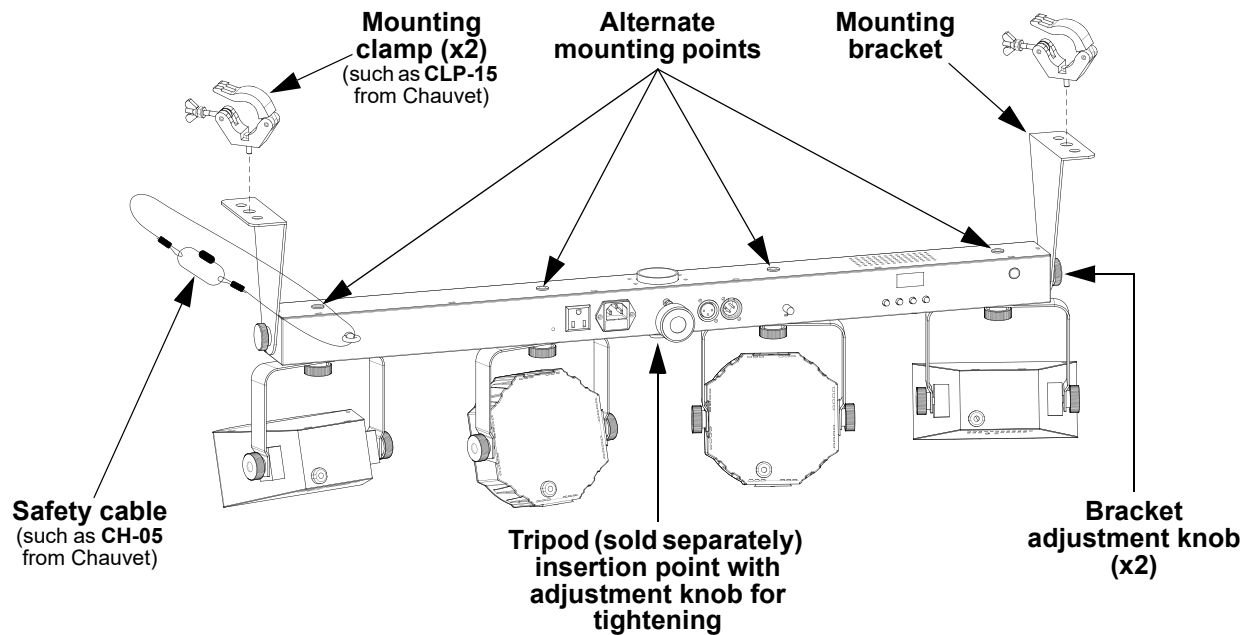
Orientation

The GigBAR Flex may be mounted in any position; however, make sure adequate ventilation is provided around the product.

Rigging

- Before deciding on a location, always make sure there is easy access to the product for maintenance and programming.
- Make sure adequate ventilation is provided around the product.
- Make sure that the structure or surface onto which you are mounting the product can support the product's weight. (see the [Technical Specifications](#))
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, whether an elevated platform or a truss.
- When rigging the product onto a truss, use a mounting clamp of appropriate weight capacity.
- When power linking multiple products, mount the products close enough for power linking cables to reach.
- 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 | Function |
|---------|---|
| <MENU> | Press to find an operation mode or to back out of 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 GigBAR Flex product page on www.chauvetdj.com for the latest menu map.

| Mode | Programming Levels | | Description | |
|---------------------------|--------------------|--|--|---|
| Auto mixed effect | AM_ _ | AM01 AM02 | F 01–99 Automatic mixed effect programs and speed | |
| Sound-active mixed effect | SM_ _ | SM01 SM02 | Sound-active mixed effect programs | |
| Auto - par | SHOU | AP01–07 | F 01–99 Automatic pars-only programs and speed | |
| Auto - kinta | | AK01 | | Automatic kintas-only program and speed |
| Auto - strobes | | AS01–22 | | Automatic strobes-only programs and speed |
| Auto - par/kinta | | APK1 | | Automatic pars/kintas program and speed |
| Auto- par/strobes | | APS1 | | Automatic pars/strobes program and speed |
| Auto - kinta/strobes | | AKS1 | | Automatic kintas/strobes program and speed |
| Auto - par/kinta/strobes | | APKS | | Automatic pars/kinta/strobes program and speed |
| Sound - par | | SP01–07 | | Sound-active pars-only programs |
| Sound - kinta | | SK01 | | Sound-active kintas-only program |
| Sound - strobes | | SS01–22 | | Sound-active strobes-only programs |
| Sound - par/kinta | SPK1 | Sound-active pars/kintas program | | |
| Sound - par/strobes | SPS1 | Sound-active pars/strobes program | | |
| Sound - kinta/strobes | SKS1 | Sound-active kintas/strobes program | | |
| Sound - par/kinta/strobes | SPKS | Sound-active pars/kintas/strobes program | | |
| Custom color mixing | CoLo | r000–255 | Sets pars and kintas red values | Note: ONLY 3 of the 4 colors may be used at the same time |
| | | G000–255 | Sets pars and kintas green values | |
| | | b000–255 | Sets pars and kintas blue values | |
| | | u000–255 | Sets pars and strobes UV values | |
| DMX mode | d001–d512 | 03CH | Sets DMX start address and then DMX personality | |
| | | 08CH | | |
| | | 20 CH | | |
| Slave mode | | SLAU | Sets slave mode | |
| System options | Sys | dSEt | (\bar{A} \bar{B} \bar{C} \bar{D}) 1–4 | Changes program order of pods: <UP> selects the program position. <DOWN> selects the pod for that position. |
| | | rSEt | | Resets to factory defaults |
| | | WiFi | on off | Turns on/off Wi-Fi for wireless footswitch |

Configuration (DMX)

The GigBAR Flex works with a DMX controller. Information about DMX is in the CHAUVET DMX Primer, which is available from the Chauvet website http://www.chauvetlighting.com/downloads/DMX_Primer_rev05_WO.pdf.

Starting Address and Personality

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

The GigBAR Flex uses up to 20 DMX channels in the **20CH** personality, which defines the highest configurable address to **493**.

The GigBAR Flex uses 8 DMX channels in the **08CH** personality, which defines the highest configurable address to **505**.

The GigBAR Flex uses 3 DMX channels in the **03CH** personality, which defines the highest configurable address to **510**.

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

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

1. Press **<MENU>** repeatedly until **d_ _** shows on the display.
2. Use **<UP>** or **<DOWN>** to select the starting address, from **d001–512**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select the personality, from **03CH**, **08CH**, or **20CH**.
5. Press **<ENTER>**.

DMX Channel Assignments and Values

20CH

| Channel | Function | Value | Percent/Setting | |
|-----------|--|-----------|------------------------------|--|
| 1 | Par 1 (or program position B) | 000 ⇔ 255 | Red, 0–100% | Note: ONLY 3 of the 4 colors may be used at the same time |
| 2 | | 000 ⇔ 255 | Green, 0–100% | |
| 3 | | 000 ⇔ 255 | Blue, 0–100% | |
| 4 | | 000 ⇔ 255 | UV, 0–100% | |
| 5 | | 000 ⇔ 127 | Dimmer, 0–100% | |
| | | 128 ⇔ 239 | Strobe, slow to fast | |
| | | 240 ⇔ 249 | Sound-active strobe | |
| | | 250 ⇔ 255 | RGB 100% | |
| 6 | Par 2 (or program position C) | 000 ⇔ 255 | Red, 0–100% | Note: ONLY 3 of the 4 colors may be used at the same time |
| 7 | | 000 ⇔ 255 | Green, 0–100% | |
| 8 | | 000 ⇔ 255 | Blue, 0–100% | |
| 9 | | 000 ⇔ 255 | UV, 0–100% | |
| 10 | | 000 ⇔ 127 | Dimmer, 0–100% | |
| | | 128 ⇔ 239 | Strobe, slow to fast | |
| | | 240 ⇔ 249 | Sound-active strobe | |
| | | 250 ⇔ 255 | RGB 100% | |
| 11 | Kinta 1 color (or program position A) | 000 ⇔ 024 | No function | |
| | | 025 ⇔ 049 | Red | |
| | | 050 ⇔ 074 | Green | |
| | | 075 ⇔ 099 | Blue | |
| | | 100 ⇔ 124 | Red and green | |
| | | 125 ⇔ 149 | Red and blue | |
| | | 150 ⇔ 174 | Green and blue | |
| | | 175 ⇔ 199 | Red, green, and blue | |
| | | 200 ⇔ 224 | Automatic single-color chase | |
| 225 ⇔ 255 | Automatic two-color chase | | | |

| Channel | Function | Value | Percent/Setting |
|-----------|---|-----------|---|
| 12 | Kinta 1 strobe (or program position A) | 000 ⇔ 009 | No function |
| | | 010 ⇔ 239 | Strobe, slow to fast |
| | | 240 ⇔ 255 | Sound-active strobe |
| 13 | Kinta 1 rotation (or program position A) | 000 ⇔ 004 | Stop |
| | | 005 ⇔ 127 | Rotate clockwise, slow to fast |
| | | 128 ⇔ 133 | Stop |
| | | 134 ⇔ 255 | Rotate counter-clockwise, slow to fast |
| 14 | Kinta 2 color (or program position D) | 000 ⇔ 024 | No function |
| | | 025 ⇔ 049 | Red |
| | | 050 ⇔ 074 | Green |
| | | 075 ⇔ 099 | Blue |
| | | 100 ⇔ 124 | Red and green |
| | | 125 ⇔ 149 | Red and blue |
| | | 150 ⇔ 174 | Green and blue |
| | | 175 ⇔ 199 | Red, green, and blue |
| | | 200 ⇔ 224 | Automatic single-color chase |
| 225 ⇔ 255 | Automatic two-color chase | | |
| 15 | Kinta 2 strobe (or program position D) | 000 ⇔ 009 | No function |
| | | 010 ⇔ 239 | Strobe, slow to fast |
| | | 240 ⇔ 255 | Sound-active strobe |
| 16 | Kinta 2 rotation (or program position D) | 000 ⇔ 004 | Stop |
| | | 005 ⇔ 127 | Rotate clockwise, slow to fast |
| | | 128 ⇔ 133 | Stop |
| | | 134 ⇔ 255 | Rotate counter-clockwise, slow to fast |
| 17 | Strobes program | 000 ⇔ 009 | No function |
| | | 010 ⇔ 029 | Automatic strobes program 1 |
| | | 030 ⇔ 049 | Automatic strobes program 2 |
| | | 050 ⇔ 069 | Automatic strobes program 3 |
| | | 070 ⇔ 089 | Automatic strobes program 4 |
| | | 090 ⇔ 109 | Automatic strobes program 5 |
| | | 110 ⇔ 129 | Automatic strobes program 6 |
| | | 130 ⇔ 149 | Automatic strobes program 7 |
| | | 150 ⇔ 169 | Automatic strobes program 8 |
| | | 170 ⇔ 189 | Automatic strobes program 9 |
| | | 190 ⇔ 209 | All strobing |
| 210 ⇔ 255 | Sound-active strobes | | |
| 18 | White strobes dimmer | 000 ⇔ 255 | 0–100% |
| 19 | UV strobes dimmer | 000 ⇔ 255 | 0–100% |
| 20 | Strobes strobe speed | 000 ⇔ 255 | Strobe, slow to fast (for Ch. 18 or 19) |

Note: Channels 18 & 19 cannot be used at the same time



Altering the program order of the pods may render some DMX channels non-functional in 20CH mode. To prevent this, keep pars (pods 2 and 3) assigned to program positions B or C, and keep kintas (pods 1 and 4) assigned to program positions A or D. See [Pod Program Order](#) for more information.

08CH

| Channel | Function | Value | Percent/Setting | |
|---------|-------------------------|-----------|--|--|
| 1 | Pars and Kintas color | 000 ⇔ 255 | Red, 0–100% | Note: ONLY 3 of the 4 colors may be used at the same time |
| 2 | | 000 ⇔ 255 | Green, 0–100% | |
| 3 | | 000 ⇔ 255 | Blue, 0–100% | |
| 4 | | 000 ⇔ 255 | UV, 0–100% | |
| 5 | Pars and Kintas control | 000 ⇔ 127 | Dimmer, 0–100% | |
| | | 128 ⇔ 239 | Strobe, slow to fast | |
| | | 240 ⇔ 249 | Sound-active strobe | |
| | | 250 ⇔ 255 | RGB 100% | |
| 6 | Kintas rotation | 000 ⇔ 004 | Stop | |
| | | 005 ⇔ 127 | Rotate clockwise, slow to fast | |
| | | 128 ⇔ 133 | Stop | |
| | | 134 ⇔ 255 | Rotate counter-clockwise, slow to fast | |
| 7 | White strobes | 000 ⇔ 054 | Dimmer, 0–100% | Note: Channels 7 & 8 cannot be used at the same time |
| | | 055 ⇔ 255 | Strobe, slow to fast | |
| 8 | UV strobes | 000 ⇔ 054 | Dimmer, 0–100% | |
| | | 055 ⇔ 255 | Strobe, slow to fast | |

03CH

| Channel | Function | Value | Percent/Setting | |
|-----------|---|-----------|--------------------------------------|--|
| 1 | Operation | 000 ⇔ 009 | No function | |
| | | 010 ⇔ 119 | Automatic mixed mode 1, fast to slow | |
| | | 120 ⇔ 229 | Automatic mixed mode 2, fast to slow | |
| | | 230 ⇔ 234 | Sound-active mixed mode 1 | |
| | | 235 ⇔ 239 | Sound-active mixed mode 2 | |
| | | 240 ⇔ 255 | Show mode (set by Ch. 2 and 3) | |
| 2 | Show mode (when Ch. 1 is 240⇔255) | 000 ⇔ 009 | No function | |
| | | 010 ⇔ 026 | Automatic pars only | |
| | | 027 ⇔ 043 | Automatic kintas only | |
| | | 044 ⇔ 060 | Automatic strobes only | |
| | | 061 ⇔ 077 | Automatic pars and kintas | |
| | | 078 ⇔ 094 | Automatic pars and strobes | |
| | | 095 ⇔ 111 | Automatic kintas and strobes | |
| | | 112 ⇔ 128 | Automatic pars, kintas, and strobes | |
| | | 129 ⇔ 145 | Sound-active pars only | |
| | | 146 ⇔ 161 | Sound-active kintas only | |
| | | 162 ⇔ 178 | Sound-active strobes only | |
| | | 179 ⇔ 196 | Sound-active pars and kintas | |
| | | 197 ⇔ 213 | Sound-active pars and strobes | |
| 214 ⇔ 230 | Sound-active kintas and strobes | | | |
| 231 ⇔ 255 | Sound-active pars, kintas, and strobes | | | |
| 3 | Show mode auto speed (when Ch. 2 is 010⇔128) | 000 ⇔ 255 | Show mode auto speed, slow to fast | |

Configuration (Standalone)

Set the product in one of the standalone modes to control 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.

Automatic Mixed-Effect Programs

To run the GigBAR Flex with a mixed-effect program, do the following:

1. Press **<MENU>** repeatedly until **AM_ _** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the program, from **AM01** or **AM02**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to increase or decrease the program speed, from **F 01–99**.
6. Press **<ENTER>**.

Sound-Active Mixed-Effect Programs

To run the GigBAR Flex with a mixed-effect program, follow the instructions below.

1. Press **<MENU>** repeatedly until **SM_ _** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the program, from **SM01** or **SM02**.
4. Press **<ENTER>**.

Show Mode

To run the GigBAR Flex with a Show Mode program, do the following:

1. Press **<MENU>** repeatedly until **SHOW** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the program, from the following list:

| Program | Description |
|----------------|--|
| AP01–07 | Automatic pars-only programs |
| AK01 | Automatic kintas-only program |
| AS01–22 | Automatic strobos-only programs |
| APK1 | Automatic pars/kintas program |
| APS1 | Automatic pars/strobos program |
| AKS1 | Automatic kintas/strobos program |
| APKS | Automatic pars/kinta/strobos program |
| SP01–07 | Sound-active pars-only programs |
| SK01 | Sound-active kintas-only program |
| SS01–22 | Sound-active strobos-only programs |
| SPK1 | Sound-active pars/kintas program |
| SPS1 | Sound-active pars/strobos program |
| SKS1 | Sound-active kintas/strobos program |
| SPKS | Sound-active pars/kintas/strobos program |

4. Press **<ENTER>**.
5. For automatic Show Mode programs, use **<UP>** or **<DOWN>** to increase or decrease the program speed, from **F 01–99**.
6. Press **<ENTER>**.

Custom Color Mixing

To run the GigBAR Flex with a custom-mixed color, follow the instructions below.

1. Press **<MENU>** repeatedly until **CoLo** shows on the display.
2. Press **<ENTER>** and one of the following will show on the display:
 - **r_---** (red)
 - **G_---** (green)
 - **b_---** (blue)
 - **u_---** (UV)
3. Press **<ENTER>** to cycle through the colors.
4. Use **<UP>** or **<DOWN>** to increase or decrease the value of the selected color, from **000–255**.
5. Repeat steps 3 and 4 until the color is set as desired.

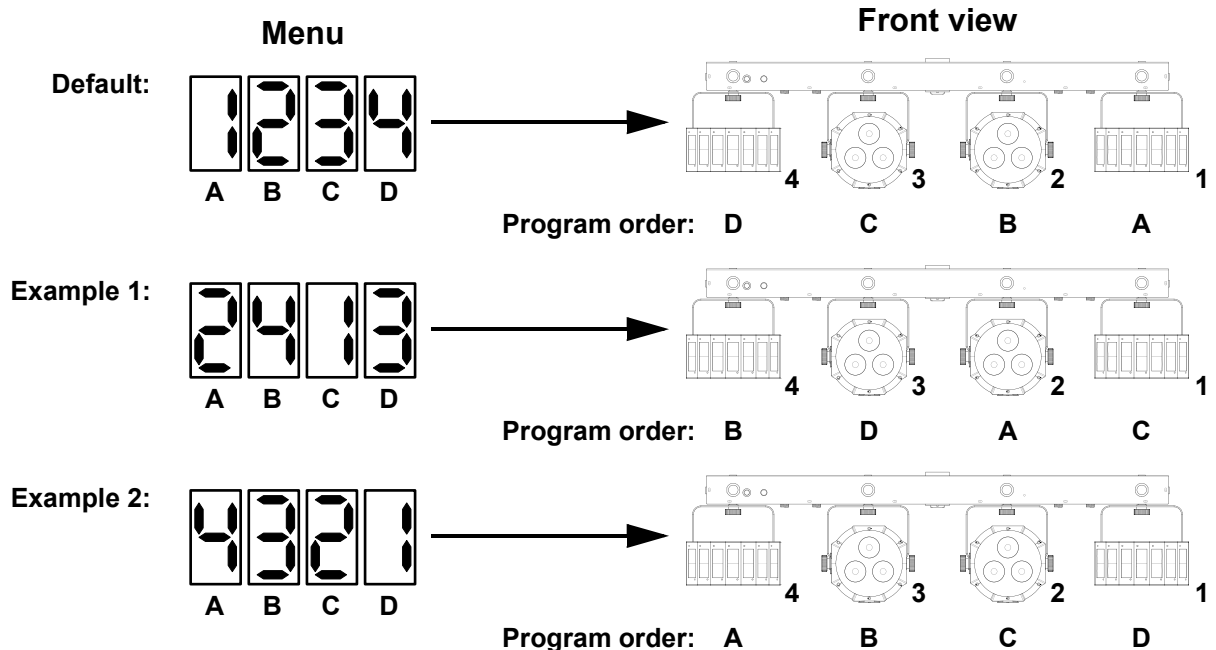


ONLY 3 of the 4 colors may be used at the same time.

Pod Program Order

To change the program order of the pods (pars and kintas) in the GigBAR Flex, do the following:

1. Press **<MENU>** repeatedly until **Sys** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **dSet**.
4. Press **<ENTER>**.
5. Use **<UP>** to select a program position, from left to right (A to D). The pod assigned to that position will illuminate.
6. Use **<DOWN>** to select the pod for that program position, from **1–4**. The selected pod will illuminate.
7. Repeat until each pod is ordered as desired.
8. Press **<ENTER>**.



- Assigning a pod to multiple places in the program order will leave at least 1 pod non-functional and may lead to other errors.
- Pod addressing is based on the pod, not the physical location or plug. Physically unplugging and rearranging the pods will not affect the number assigned to that pod. In other words, Pod 1 will always be that specific kinta, wherever it is plugged in to the GigBAR Flex.
- Altering the program order of the pods may render some DMX channels non-functional in 20CH mode. To prevent this, keep pars (pods 2 and 3) assigned to program positions B or C, and keep kintas (pods 1 and 4) assigned to program positions A or D.



Operation

Factory Reset

To reset the GigBAR Flex to factory defaults, follow the instructions below.

1. Press **<MENU>** repeatedly until **Sys** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **rSEt**.
4. Press **<ENTER>**.

Wireless Footswitch Control

The included wireless footswitch provides quick access to preset colors, color-change programs, and sound-activation through the GigBAR Flex microphone. To enable footswitch control:

1. Connect the GigBAR Flex to power.
2. Press **<MENU>** repeatedly until **Sys** shows on the display.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Wi-Fi**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select from **on** (enable) or **oFF** (disable).
7. Press **<ENTER>**.

To use the footswitch:

1. Follow the instructions above to enable footswitch control.
2. Turn the wireless footswitch on.
3. Press pedal #1 (Auto) to activate Auto program controls. When working, all the lights will begin in Auto mode (**AM01**).
4. Use the chart below to activate the desired function.

| Pedal | Action | Function |
|------------------------|-------------------|--|
| 1 (Auto) | 1 x press | Auto mode pars, kintas, and strobes (AM01) |
| | 2 x press | AP01 |
| | 3 x press | AP02 |
| | 4 x press | AK01 |
| | 5 x press | APK1 |
| 2 (Sound) | 1 x press | Sound mode pars, kintas, and strobes (SM01) |
| | 2 x press | SP01 |
| | 3 x press | SP02 |
| | 4 x press | SK01 |
| | 5 x press | SPK1 |
| 3 (Color) | 1 x press | Red, no strobe |
| | 2 x press | Green, no strobe |
| | 3 x press | Blue, no strobe |
| | 4 x press | UV, no strobe |
| | 5 x press | Yellow, no strobe |
| | 6 x press | Pink, no strobe |
| | 7 x press | Cyan, no strobe |
| | 8 x press | Dark pink, no strobe |
| | 9 x press | Dark blue, no strobe |
| | 10 x press | White, no strobe |
| 4 (Blackout) | N/A | Immediately turns OFF all lights |

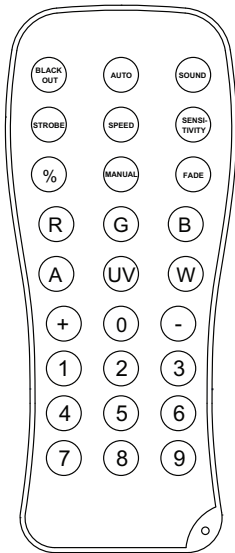


The GigBAR Flex footswitch will work properly in any mode, with a maximum unobstructed distance of 50 ft (15.24 m). Wi-Fi must be enabled on the GigBAR Flex to use the footswitch.

IRC-6 Infrared Remote Control

The GigBAR Flex is compatible with the IRC-6 infrared remote control from Chauvet.

IRC-6 Operation



Automatic Mode

To turn on Automatic mode with the IRC-6:

1. Press **<AUTO>** on the IRC-6.
2. Press **<0>** – **<9>** to select the program.
3. Press **<+>** or **<->** to increase or decrease the speed.

Sound-Active Mode

To turn on Sound-Active mode with the IRC-6:

1. Press **<SOUND>** on the IRC-6.
2. Press **<0>** – **<9>** to select the program.

Manual Color Control

To select a specific par/kinta color with the IRC-6:

1. Press **<R>** (red), **<G>** (green), **** (blue), **<A>** (yellow), **<UV/P>** (UV, pars only), or **<W>** (white) on the IRC-6.

Strobes

To enable/disable the strobes with the IRC-6:

1. Press **<STROBE>** on the IRC-6.
2. Press **<0>** – **<9>** to select the program.
3. Press **<+>** or **<->** to increase or decrease the speed.

Black Out

To black out the lights with the IRC-6:

1. Press **<BLACK OUT>** on the IRC-6.

This will turn off all the lights until the button is pressed again.

NOTE: The IRC-6 will not respond to any inputs when Black Out is activated. If the product does not respond when a button is pressed, try pressing **<BLACK OUT>**. Black Out may have been activated.



The buttons on the IRC-6 not listed above are reserved for future use.

Master/Slave Mode

The Master/Slave mode allows a single GigBAR Flex product (the “master”) to control the actions of one or more GigBAR Flex products (the “slaves”) without the need of a DMX controller. The master product will be set to operate in standalone mode, with the wireless footswitch, 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 **SLAU** shows on the display.
2. Press **<ENTER>**.
3. Connect the DMX input of the first slave product to the DMX output of the master product.
4. Connect the DMX input of the subsequent slave products to the DMX output of the previous slave product.
5. Finish setting and connecting all the slave products.

Master product:

1. Set the master product to operate in standalone mode, with the footswitch, or with the IRC-6.
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 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 |
|----------------|---------------|----------------|--------------|
| 37 in (949 mm) | 4 in (110 mm) | 15 in (388 mm) | 11 lb (5 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 | 45 W | 46 W |
| Operating Current | 0.7 A | 0.4 A |
| Power linking current (products) | 8 A (12 products) | 8 A (22 products) |
| Fuse | T 1.6 A, 250 V | T 1.6 A, 250 V |

| Power I/O | U.S./Worldwide | UK/Europe |
|------------------------|----------------|------------|
| Power input connector | IEC | IEC |
| Power output connector | Edison | IEC |
| Power Cord plug | Edison (U.S.) | Local Plug |

Light Source

| Pods/Lights | Type | Color | Quantity | Power | Current | Lifespan |
|-------------|------|----------|----------|-------|---------|--------------|
| Pars | LED | RGB+UV | 6 | 3.5 W | 1 A | 50,000 hours |
| Kintas | LED | Red | 2 | 5 W | 1.6 A | 50,000 hours |
| Kintas | LED | Green | 2 | 5 W | 1.6 A | 50,000 hours |
| Kintas | LED | Blue | 2 | 5 W | 1.6 A | 50,000 hours |
| Strobes | LED | White+UV | 4 | 5 W | 1.5 A | 50,000 hours |

Photometrics

| Beam Angle (Pars) | Field Angle (Pars) | Beam Angle (Strobes) | Field Angle (Strobes) |
|-------------------|--------------------|----------------------|-----------------------|
| 13° | 24° | 8° | 18° |

| Coverage Angle (Kintas) | Strobe Rate | Illuminance (Pars) | Illuminance (Strobes) |
|-------------------------|-------------|---------------------------|-----------------------|
| 114° | 0 to 18 Hz | 1,078 lux @ 2 m (per pod) | 86 lux @ 2 m per zone |

Thermal

| Maximum External Temperature | Cooling System |
|------------------------------|----------------|
| 104 °F (40 °C) | Convection |

DMX

| I/O Connector | Channel Range |
|---------------|---------------|
| 3-pin XLR | 3, 8 or 20 |

Wireless Footswitch

| Operating Frequency | Max. Unobstructed Distance | Battery |
|---------------------|----------------------------|---------|
| 433 MHz | 100 ft (30.5 m) | 9 V |

Ordering

| Product Name | Item Code | UPC Number |
|--------------|-----------|--------------|
| GigBAR Flex | 10051419 | 781462217679 |



Returns

In case you need to get support or return a product:

- If you are located in the U.S., contact Chauvet World Headquarters.
- If you are located in the U.K. or Ireland, contact Chauvet Europe Ltd.
- If you are located in Benelux, contact Chauvet Europe BVBA.
- If you are located in France, contact Chauvet France.
- If you are located in Germany, contact Chauvet Germany.
- If you are located in Mexico, contact Chauvet Mexico.
- If you are located in any other country, DO NOT contact Chauvet. Instead, contact your local distributor. See www.chauvetdj.com for distributors outside the U.S., U.K., Ireland, Benelux, France, Germany, or Mexico.



If you are located outside the U.S., U.K., Ireland, Benelux, France, Germany, or Mexico, contact your distributor of record and follow their instructions on how to return Chauvet products to them. Visit our website www.chauvetdj.com for contact details.

Call the corresponding Chauvet Technical Support office 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 for the return.

To submit a service request online, go to www.chauvetdj.com/service-request.

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

Clearly label the package with the 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 |
|--|--|
| Chauvet World Headquarters | |
| Address: 5200 NW 108th Ave. Sunrise, FL 33351 Voice: (954) 577-4455 Fax: (954) 929-5560 Toll Free: (800) 762-1084 | Voice: (844) 393-7575 Fax: (954) 756-8015 Email: chauvetcs@chauvetlighting.com Website: www.chauvetdj.com |
| Chauvet Europe Ltd | |
| Address: Unit 1C Brookhill Road Industrial Estate Pinxton, Nottingham, UK NG16 6NT Voice: +44 (0) 1773 511115 Fax: +44 (0) 1773 511110 | Email: UKtech@chauvetlighting.eu Website: www.chauvetdj.eu |
| Chauvet Europe BVBA | |
| Address: Stokstraat 18 9770 Kruishoutem Belgium Voice: +32 9 388 93 97 | Email: BNLtech@chauvetlighting.eu Website: www.chauvetdj.eu |
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| Chauvet Germany | |
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| Chauvet Mexico | |
| Address: Av. de las Partidas 34 - 3B (Entrance by Calle 2) Zona Industrial Lerma Lerma, Edo. de México, CP 52000 Voice: +52 (728) 690-2010 | Email: servicio@chauvet.com.mx Website: www.chauvetdj.mx |

Visit the applicable website above to verify our contact information and instructions to request support. Outside the U.S., U.K., Ireland, Mexico, France, Germany, or Benelux, contact the dealer of record.