

# Pinspot Q1Z ILS

User Manual





## Edition Notes

The Pinspot Q1Z ILS User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the Pinspot Q1Z ILS as of the release date of this edition.

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For best results, print this document in color, on letter size paper (8.5 x 11 in), double-sided. If using A4 paper (210 x 297 mm), configure the printer to scale the content accordingly.

### Intended Audience

Any person installing, operating, and/or maintaining this product should completely read through the guide that shipped with the product, as well as this manual, before installing, operating, or maintaining this product.

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### Document Revision

Go to [www.chauvetdj.com](http://www.chauvetdj.com) for the latest version.

Revision	Date	Description
2	02/2024	Corrected fuse type and DMX strobe channel.

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# 1. Before You Begin

## What Is Included

- Pinspot Q1Z ILS
- Power cable
- Quick Reference Guide

## Unpacking Instructions

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

## Claims

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

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

## Text Conventions

Convention	Meaning
<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
<b>ON</b>	A value to be entered or selected

## Symbols

Symbol	Meaning
	Electrical warning. Not following these instructions may cause electrical damage to the product, accessories, or the user.
	Critical installation, configuration, or operation information. Not following these instructions may make the product not work, cause damage to the product, or cause harm to the operator.
	Important installation or configuration information. The product may not function correctly if this information is not used.
	Useful information.

### Safety Notes

These Safety Notes include important information about installation, use, and maintenance of the Pinspot Q1Z ILS.



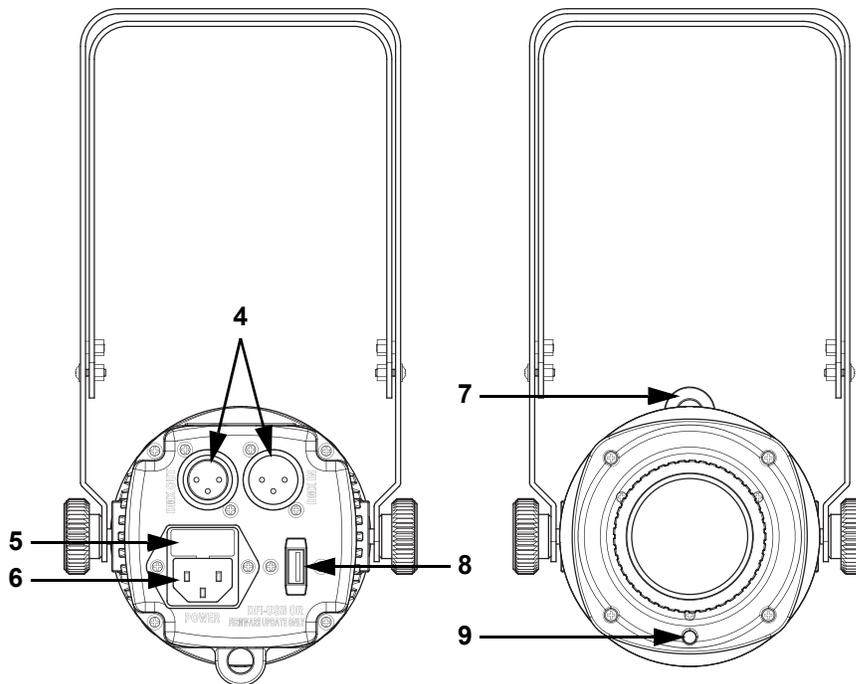
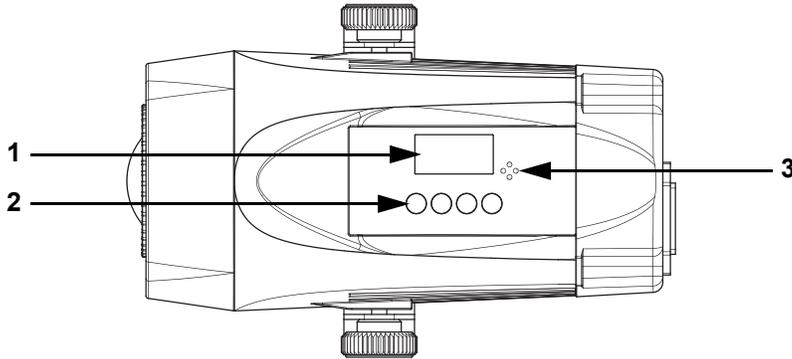
- **ALWAYS:**
  - ◆ Connect to a grounded circuit.
  - ◆ Connect to operating voltages as specified on the product's spec sticker.
  - ◆ Disconnect from power before replacing the fuse.
  - ◆ Disconnect from its power source during periods of inactivity.
  - ◆ Use a safety cable when suspending overhead.
  - ◆ Heed all restrictions and warnings on the spec sticker.
  - ◆ Mount in a location with at least 20 in (50 cm) of ventilation.
  - ◆ Replace the fuse with the same type and rating.
- In the event of a serious operating problem, stop using immediately.
- **DO NOT:**
  - ◆ Open this product or attempt any repairs. It contains no user-serviceable parts.
  - ◆ Look at the light source when the product is on.
  - ◆ Use if the power cable is crimped or damaged.
  - ◆ Disconnect by pulling on the power cable.
  - ◆ Allow flammable materials close to the product when it is operating.
  - ◆ Touch the housing when it is on.
  - ◆ Block any ventilation holes/slots in the housing.
  - ◆ Connect to a dimmer or rheostat.
  - ◆ Carry the product by its power cable.
  - ◆ Operate in temperatures higher than 104°F (40°C).
  - ◆ Expose to environments that exceed the Ingress Protection (IP) rating.
  - ◆ Expose to rain or moisture.
  - ◆ Use outdoors.
  - ◆ Submerge.
  - ◆ Set this product on a flammable surface.



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

## 2. Introduction

### Product Overview

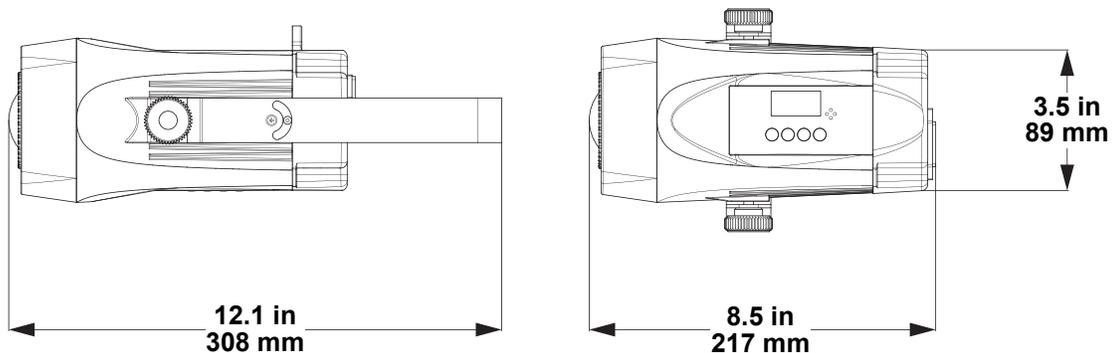


#	Name
1	LCD Display
2	Menu buttons
3	Microphone
4	DMX in/out
5	Fuse holder
6	Power in
7	Safety loop
8	D-Fi USB port
9	IR sensor



**WARNING! DO NOT** plug anything other than a D-Fi USB into the USB type B port. Doing so may cause damage to the product.

### Product Dimensions



## 3. Setup

### AC Power

The Pinspot Q1Z ILS 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.



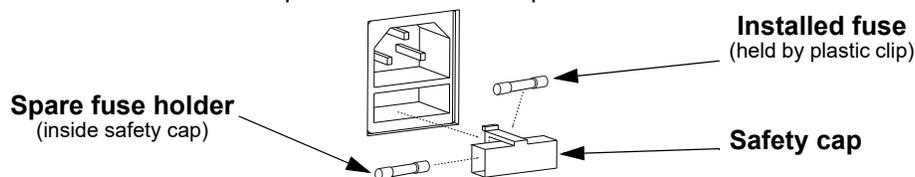
- **Always connect the product to a protected circuit (a circuit breaker or fuse). Make sure the product has an appropriate electrical ground to avoid the risk of electrocution or fire.**
- **To eliminate unnecessary wear and improve its lifespan, during periods of non-use completely disconnect the product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



**Always replace a blown fuse with one of the same type and rating.**

## Mounting

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

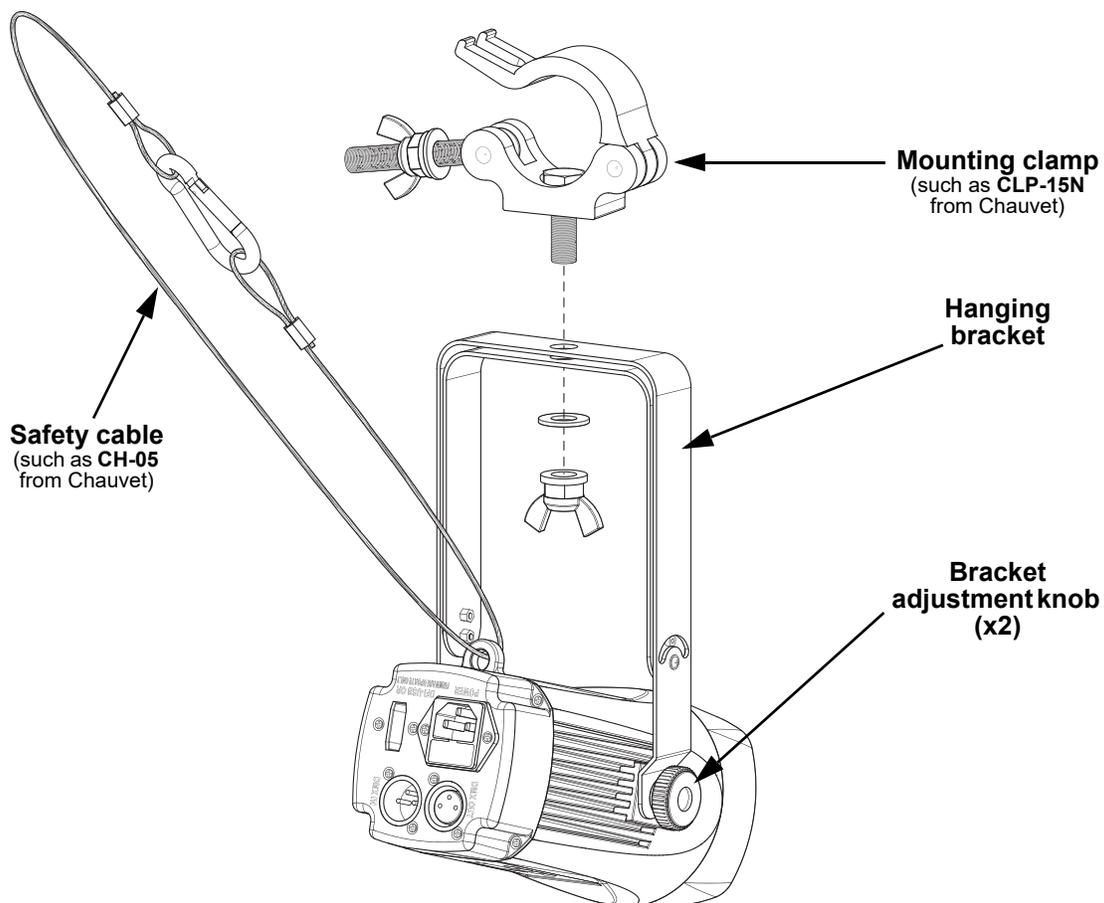
### Orientation

The Pinspot Q1Z ILS may be mounted in any position; however, make sure adequate ventilation is provided around the product.

### Rigging

- Before deciding on a location for the product, always make sure there is easy access to the product for maintenance and programming.
- Make sure that the structure and attachment points can support the weight before hanging the product (see the [Technical Specifications](#)).
- When mounting the product overhead, always use a safety cable. Mount the product securely to a rigging point, such as an elevated platform or a truss.
- When rigging the product onto a truss, use a mounting clamp of appropriate weight capacity. The bracket has a 12-mm hole, which is appropriate for this purpose.
- The bracket adjustment knobs allow for directional adjustment when aiming the product to the desired angle. Only loosen or tighten the bracket knobs manually. Using tools could damage the knobs.
- When 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 Pinspot Q1Z ILS product page on [www.chauvetdj.com](http://www.chauvetdj.com) for the latest menu map and software.

Main level	Programming Levels		Description
DMX Address	001–509		Sets the DMX starting address
DMX Mode	4ch		4-channel DMX mode
	6ch		6-channel DMX mode
	7ch		7-channel DMX mode
ILS Mode	ILS1–4		Selects ILS mode
Fixed Color	R		Selects a fixed combination of colors
	G		
	B		
	W		
	GB		
	RB		
	RG		
	RGB		
	RW		
	GW		
	BW		
	RGW		
	RBW		
	GBW		
Auto	Auto	<001–005>	Automatic programs
	Auto Speed	<001–100>	Program speed
Dimmer	001–255		Standalone dimmer
Sound	Sound	<001–005>	Sound-active programs
	Sensitivity	<000–100>	Sound sensitivity
Manual Color	Red	<000–255>	Custom static colors Combines red, green, blue, and white
	Green		
	Blue		
	White		
	Strobe		Strobe rate

Main level	Programming Levels		Description
Settings	Infrared Remote	ON	Turns infrared on or off
		OFF	
	Signal Output	Slave	DMX out sends master signal to slave products
		DMX	DMX out sends DMX signal from controller

## DMX Configuration

The Pinspot Q1Z ILS works with a DMX controller. Information about DMX is in the Chauvet DMX Primer, which is available from the Chauvet website [chauvetlighting.com/downloads/DMX\\_Primer\\_rev05\\_WO.pdf](http://chauvetlighting.com/downloads/DMX_Primer_rev05_WO.pdf).

### Starting Address

The Pinspot Q1Z ILS uses up to 7 DMX channels, which defines the highest configurable address to **506**. When selecting a starting DMX address, always consider the number of DMX channels the DMX mode uses. If the starting address is set too high, access to some channels could be restricted.

For information about the DMX protocol, download the DMX Primer from [www.chauvetdj.com](http://www.chauvetdj.com).

To select the starting address, do the following:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **DMX Address**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select the starting address, from **001–509**.
5. Press **<ENTER>**.

### DMX Personalities

The Pinspot Q1Z ILS has 3 DMX personalities, a 4-channel personality, a 6-channel personality, and a 7-channel personality.

To select which DMX personality to use, follow the steps below:

1. Press **<MENU>**.
2. Use **<UP>** or **<DOWN>** to select **DMX Mode**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select the DMX personality, from **4ch**, **6ch**, or **7ch**.
5. Press **<ENTER>**.

### D-Fi USB Connectivity

The Pinspot Q1Z ILS is able to become a D-Fi wireless receiver/transmitter with the use of the D-Fi USB from Chauvet DJ. Simply set the product's DMX Personality and DMX Address, set the DIP switch D-Fi receiving/transmitting channel, then plug it into the D-Fi USB port.



**WARNING! DO NOT plug anything other than a D-Fi USB into the USB type B port. Doing so may cause damage to the product.**



Once plugged in, the D-Fi USB will take over the product. Wired DMX and manual display control / menu buttons will be unavailable until the D-Fi USB is unplugged. The priority levels are:

1. D-Fi USB
2. Wired DMX
3. Manual Digital Display/Menu Buttons

### D-Fi USB Compatibility

The D-Fi USB can receive a DMX signal from the D-Fi Hub and the FlareCON Air 2 as well as other D-Fi USB products.

### D-Fi USB Configuration

1. Set the DMX Personality and DMX address on the Pinspot Q1Z ILS.
2. Use the Chart provided to set **BOTH**:
  - the Channel, and then
  - The Receiving or Transmitting option

**NOTE: DIP Switch 5 is for Transmitting OR Receiving, please choose carefully.**

### D-Fi USB DIP Switch Channels

Receiving						Receiving						Transmitting						Transmitting					
Ch.	1	2	3	4	T/R	Ch.	1	2	3	4	T/R	Ch.	1	2	3	4	T/R	Ch.	1	2	3	4	T/R
1	<input type="checkbox"/>	9	<input type="checkbox"/>	1	<input type="checkbox"/>	9	<input type="checkbox"/>																
2	<input type="checkbox"/>	10	<input type="checkbox"/>	2	<input type="checkbox"/>	10	<input type="checkbox"/>																
3	<input type="checkbox"/>	11	<input type="checkbox"/>	3	<input type="checkbox"/>	11	<input type="checkbox"/>																
4	<input type="checkbox"/>	12	<input type="checkbox"/>	4	<input type="checkbox"/>	12	<input type="checkbox"/>																
5	<input type="checkbox"/>	13	<input type="checkbox"/>	5	<input type="checkbox"/>	13	<input type="checkbox"/>																
6	<input type="checkbox"/>	14	<input type="checkbox"/>	6	<input type="checkbox"/>	14	<input type="checkbox"/>																
7	<input type="checkbox"/>	15	<input type="checkbox"/>	7	<input type="checkbox"/>	15	<input type="checkbox"/>																
8	<input type="checkbox"/>	16	<input type="checkbox"/>	8	<input type="checkbox"/>	16	<input type="checkbox"/>																

## DMX Channel Assignments and Values

### DMX Chart

4ch	6ch	7ch	Function	Value	Percent/Setting
-	-	1	Program	000 ⇔ 009	No function
				010 ⇔ 058	Automatic program 1
				059 ⇔ 106	Automatic program 2
				107 ⇔ 154	Automatic program 3
				155 ⇔ 202	Automatic program 4
				203 ⇔ 249	Automatic program 5
				250 ⇔ 255	Sound-active program 1
-	-	2	Dimmer	000 ⇔ 255	0–100%
-	-	3	Strobe (when Ch. 1 is 000 ⇔ 009)	000 ⇔ 009	No function
			Automatic program speed (when Ch. 1 is 010 ⇔ 249)	010 ⇔ 255	Strobe, slow to fast
			Automatic program speed (when Ch. 1 is 010 ⇔ 249)	000 ⇔ 255	Automatic program speed, slow to fast
			Sound sensitivity (when Ch. 1 is 250 ⇔ 255)	000 ⇔ 010	Sound sensitivity off
				011 ⇔ 255	Sound sensitivity, low to high
1	1	4	Red	000 ⇔ 255	0–100%
2	2	5	Green	000 ⇔ 255	0–100%
3	3	6	Blue	000 ⇔ 255	0–100%
4	4	7	White	000 ⇔ 255	0–100%
-	5	-	Dimmer	000 ⇔ 255	0–100%
-	6	-	Strobe	000 ⇔ 015	No function
				016 ⇔ 254	Strobe, slow to fast
				255	Sound-active strobe

### Standalone Configuration

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



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

#### Fixed Color

To run the Pinspot Q1Z ILS with a fixed color or combination of colors, follow the instructions below.

1. Press **<MENU>** repeatedly until **Fixed Color** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the desired color(s), from **R** (red), **G** (green), **B** (blue), **W** (white), **GB** (green and blue), **RB** (red and blue), **RG** (red and green), **RGB** (red, green, and blue), **RW** (red and white), **GW** (green and white), **BW** (blue and white), **RGW** (red, green, and white), **RBW** (red, blue, and white), **GBW** (green, blue, and white), **RGBW1** (red, green, blue, and white 1), **RGBW2** (red, green, blue, and white 2), **RGBW3** (red, green, blue, and white 3), or **RGBW4** (red, green, blue, and white 4).
4. Press **<ENTER>**.

#### Automatic Program

To run the Pinspot Q1Z ILS with an automatic program, do the following:

1. Press **<MENU>** repeatedly until **Auto** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Auto**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select the desired program from **001–005**.
6. Press **<ENTER>**.

#### Automatic Program Speed

To set the speed of the automatic program, follow the instructions below.

1. Press **<MENU>** repeatedly until **Auto** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Auto Speed**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to increase or decrease the speed from **001–100**.
6. Press **<ENTER>**.

#### Standalone Dimmer

To set the intensity of the standalone output, do the following:

1. Press **<MENU>** repeatedly until **Dimmer** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to increase or decrease the dimmer intensity, from **001–255**.
4. Press **<ENTER>**.

### Sound-Active Program

To run the Pinspot Q1Z ILS with a sound-active program, follow the instructions below.

1. Press **<MENU>** repeatedly until **Sound** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Sound**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select the desired program from **001–005**.
6. Press **<ENTER>**.

### Sound Sensitivity

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

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



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

### Manual Color Mixing

To run the Pinspot Q1Z ILS with a custom static color, follow the instructions below.

1. Press **<MENU>** repeatedly until **Manual Color** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select which value to edit, from **Red, Green, Blue, White, or Strobe**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to increase or decrease the selected value from **000–255**.
6. Repeat steps 3–5 until the product output is set as desired.

## IRC-6 Infrared Remote Control

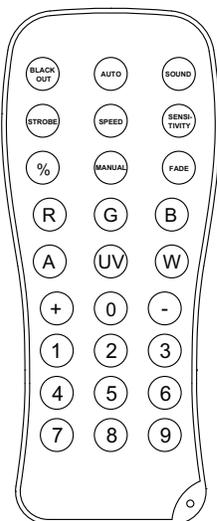
The Pinpoint Q1Z ILS is compatible with the IRC-6 infrared remote control from Chauvet.

To enable or disable IRC-6 functionality, do the following:

1. Press **<MENU>** repeatedly until **Settings** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Infrared Remote**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select from **ON** (enable) or **OFF** (disable).
6. Press **<ENTER>**.

Consult the table below to operate the Pinpoint Q1Z ILS with the IRC-6.

IRC-6	Button	Function
	<b>&lt;AUTO&gt;</b>	Press to activate automatic mode, then press to cycle or use <b>&lt;+&gt;</b> or <b>&lt;-&gt;</b> to select a program
	<b>&lt;SPEED&gt;</b>	Press then use <b>&lt;+&gt;</b> or <b>&lt;-&gt;</b> to increase or decrease speed
	<b>&lt;SOUND&gt;</b>	Press to activate sound-active mode, then press to cycle or use <b>&lt;+&gt;</b> or <b>&lt;-&gt;</b> to select a program
	<b>&lt;SENSITIVITY&gt;</b>	Press then use <b>&lt;+&gt;</b> or <b>&lt;-&gt;</b> to increase or decrease sensitivity
	<b>&lt;STROBE&gt;</b>	In manual mode, press to toggle strobe, then use <b>&lt;+&gt;</b> or <b>&lt;-&gt;</b> to increase or decrease strobe speed
	<b>&lt;%&gt;</b>	In auto or sound mode, press then use <b>&lt;+&gt;</b> or <b>&lt;-&gt;</b> to increase or decrease the dimmer
	<b>&lt;FADE&gt;</b>	Press to activate automatic mode, then press to cycle through programs <b>3</b> , <b>4</b> , and <b>5</b>
	<b>&lt;R&gt;</b>	Press to activate manual mode, then use <b>&lt;+&gt;</b> or <b>&lt;-&gt;</b> to increase or decrease the red value
	<b>&lt;G&gt;</b>	Press to activate manual mode, then use <b>&lt;+&gt;</b> or <b>&lt;-&gt;</b> to increase or decrease the green value
	<b>&lt;B&gt;</b>	Press to activate manual mode, then use <b>&lt;+&gt;</b> or <b>&lt;-&gt;</b> to increase or decrease the blue value
	<b>&lt;A&gt;</b>	Press to activate manual mode and to toggle between setting all colors to <b>000</b> or setting red to <b>221</b> , green to <b>156</b> , blue to <b>000</b> , and white to <b>000</b>
	<b>&lt;UV&gt;</b>	Press to activate manual mode and to toggle between setting all colors to <b>000</b> or setting red to <b>255</b> , green to <b>000</b> , blue to <b>255</b> , and white to <b>000</b>
	<b>&lt;W&gt;</b>	Press to activate manual mode, then use <b>&lt;+&gt;</b> or <b>&lt;-&gt;</b> to increase or decrease the white value
	<b>&lt;+&gt;</b>	Press to increase speed, sensitivity, or the dimmer/color value, or to scroll up the list of programs
	<b>&lt;-&gt;</b>	Press to decrease speed, sensitivity, or the dimmer/color value, or to scroll down the list of programs
	<b>&lt;0&gt;-&lt;9&gt;</b>	Press to select a preset fixed color, then use <b>&lt;+&gt;</b> or <b>&lt;-&gt;</b> to select a fixed color
	<b>&lt;BLACK OUT&gt;</b>	Press to 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 <b>&lt;BLACK OUT&gt;</b> . Black Out may have been activated.



- Any setting on the IRC-6 will be saved until the system is rebooted. The system will revert to Auto Mode after reboot.
- The buttons on the IRC-6 not listed above are reserved for future use.

## Signal Output

To select whether the DMX output port (or transmitting D-Fi USB port) will send the received DMX signal or a master signal, follow the instructions below:

1. Press **<MENU>** repeatedly until **Settings** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Signal Output**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select from **Slave** (will send a master signal to slave products) or **DMX** (will send the received DMX signal to the next product in the DMX daisy chain).
6. Press **<ENTER>**.

## Wired Master/Slave Mode

The Master/Slave mode allows a single Pinspot Q1Z ILS product (the “master”) to control the actions of one or more Pinspot Q1Z ILS products (the “slaves”) without the need of a DMX controller. The master product will be set to operate in either standalone mode or with the IRC-6, while the slave products will be set to operate in slave mode. Once set and connected, the slave products will operate in unison with the master product.

Configure the products as indicated below.

### Slave products:

1. Press **<MENU>** repeatedly until **DMX Address** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to set the starting address to **001**.
4. Press **<ENTER>**.
5. Connect the DMX input of the first slave product to the DMX output of the master product.
6. Connect the DMX input of the subsequent slave products to the DMX output of the previous slave product.
7. Finish setting and connecting all the slave products.

### Master product:

1. Set the [Signal Output](#) of the master product to **Slave**.
2. Set the master product to operate in standalone mode or with the IRC-6.
3. 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.**

### D-Fi USB Master/Slave Mode

The D-Fi USB allows a single Pinspot Q1Z ILS product (the “master”) to control the actions of one or more Pinspot Q1Z ILS products (the “slaves”) without the need of a DMX controller or DMX cables. The master (transmitter) product will be set to operate in standalone mode, while the slave (receiver) 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 **DMX Address** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to set the starting address to **001**.
4. Press **<ENTER>**.
5. Set the D-Fi USB to receive on a specific channel, 1–16.
6. Plug in the D-Fi USB.
7. Finish setting and connecting all the slave products.

#### Master product:

1. Set the [Signal Output](#) of the master product to **Slave**.
2. Set the master product to operate in standalone mode.
3. Set the D-Fi USB to transmit on the D-Fi channel the slaves are receiving on.
4. Plug in the D-Fi USB.



- **All products must be set to the same DMX personality, DMX address, and D-Fi channel.**
- **Configure all the slave products before configuring the master to transmit.**
- **Never connect a DMX controller to a D-Fi channel configured for Master/Slave operation because the controller may interfere with the signals from the master.**

### ILS Mode

ILS (Integrated Lighting System) provides 4 modes that synchronize with the GigBAR MOVE+ILS: Modes 1 and 3 synchronize with side 1 of the GigBAR MOVE+ILS, whereas modes 2 and 4 synchronize with side 2 of the GigBAR MOVE+ILS. When linked, effects will sync with the most similar effect on the selected side of the GigBAR MOVE+ILS: Kinta effects will sync with one of the kintas, moving heads will sync with one of the moving heads, and wash effects will sync with one of the pars. Laser effects will sync with the laser, and strobe effects will sync with the strobe effects regardless of ILS mode.

This product will synchronize with the par effect on the selected side of the GigBAR MOVE+ILS.

To set the Pinspot Q1Z ILS to respond to an ILS signal:

1. Press **<MENU>** repeatedly until **ILS Mode** shows on the display.
2. Use **<UP>** or **<DOWN>** to select from **ILS1** (side 1), **ILS2** (side 2), **ILS3** (side 1), or **ILS4** (side 2).
3. Press **<ENTER>**.

## 5. Maintenance

### Product Maintenance

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

To clean the product, follow the instructions below:

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



**Always dry the transparent surfaces carefully after cleaning them.**

## 6. Technical Specifications

### Dimensions and Weight

Length	Width	Height	Weight
12.1 in (308 mm)	3.5 in (89 mm)	8.5 in (217 mm)	3 lb (1.36 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	19 W	20 W
Operating Current	0.3 A	0.2 A
Fuse	T 1 A, 250 V	T 1 A, 250 V
Power I/O	U.S./Worldwide	UK/Europe
Power input connector	IEC	IEC
Power output connector	Edison	IEC
Power cable plug	Edison (U.S.)	Local Plug

### Light Source

Type	Color	Quantity	Power	Current	Lifespan
LED	Quad-color RGBW	1	20 W	5.3 A	50,000 hours

### Photometrics

Strobe Rate	Manual Zoom Angle	Illuminance (Narrow)	Illuminance (Wide)
0 to 33 Hz	5° to 18°	4,081 lux @ 2 m	623 lux @ 2 m

### Thermal

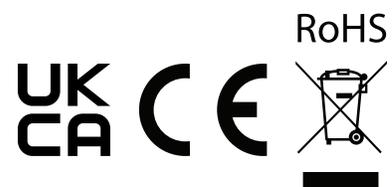
Maximum External Temperature	Cooling System
104 °F (40 °C)	Convection

### DMX

I/O Connector	Channel Range
3-pin XLR	4, 6, or 7

### Ordering

Product Name	Item Code	UPC Number
Pinspot Q1Z ILS	10032220	781462225681



## Contact Us

General Information	Technical Support
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## Warranty & Returns

For warranty terms and conditions and return information, please visit our website.

For customers in the United States and Mexico: [www.chauvetlighting.com/warranty-registration](http://www.chauvetlighting.com/warranty-registration).

For customers in the United Kingdom, Republic of Ireland, Belgium, the Netherlands, Luxembourg, France, and Germany: [www.chauvetlighting.eu/warranty-registration](http://www.chauvetlighting.eu/warranty-registration).