



PRESS-RACK 1024

User Manual

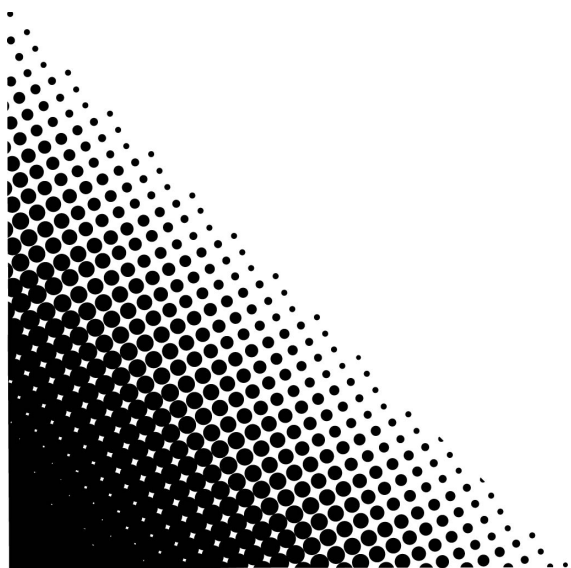
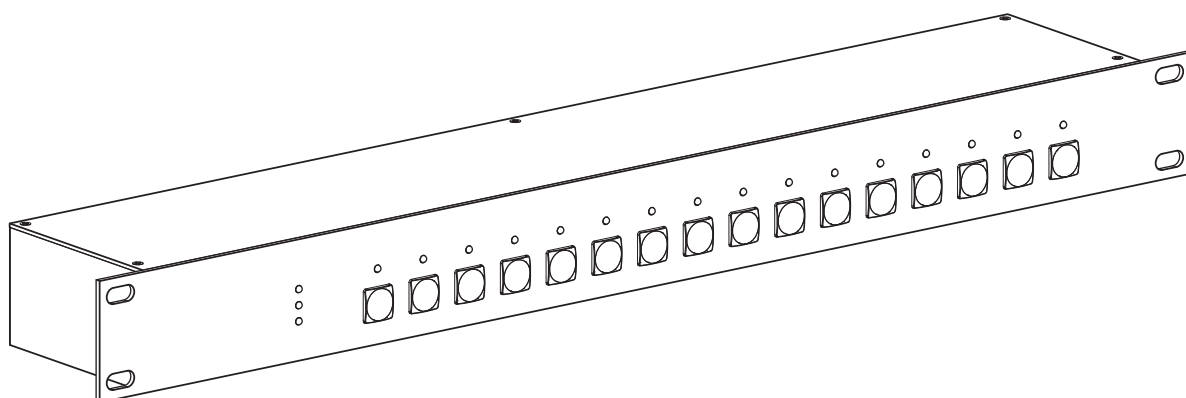


TABLE OF CONTENTS

1. Before You Begin	1
What Is Included	1
Unpacking Instructions.....	1
Claims	1
Text Conventions	1
Symbols	1
Disclaimer	1
Intellectual Property	1
Safety Notes.....	2
2. Introduction.....	3
Product Overview.....	3
Product Dimensions	3
3. Setup.....	4
DC Power.....	4
ShowXpress Software.....	4
Plug and Play	4
Minimum System Requirements	4
Mounting	4
4. Operation.....	5
LED Indicators.....	5
Troubleshooting	5
Standalone Playback	5
Timelines.....	5
Zones	5
Buttons	5
Phoenix Connector.....	5
Triggers	6
IR Remote Control	6
IR Extension Cable	6
Art-Net™ Universe Access	6
5. Technical Specifications.....	7
Returns	8
Contact Us.....	9

1. Before You Begin

What Is Included

- XPRESS-RACK 1024
- USB cable
- IR Extension Cable
- IR Remote

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
	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

Chauvet believes that the information contained in this manual is accurate in all respects. However, Chauvet assumes no responsibility and specifically disclaims any and all liability to any party for any loss, damage or disruption caused by any errors or omissions in this document, whether such errors or omissions result from negligence, accident or any other cause. Chauvet reserves the right to revise the content of this document without any obligation to notify any person or company of such revision, however, Chauvet has no obligation to make, and does not commit to make, any such revisions. Download the latest version from www.chauvetdj.com.

Intellectual Property

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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.
- Make sure the power (USB) cord is not crimped or damaged.
- Never disconnect the product from power by pulling or tugging on the cord.
- 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.



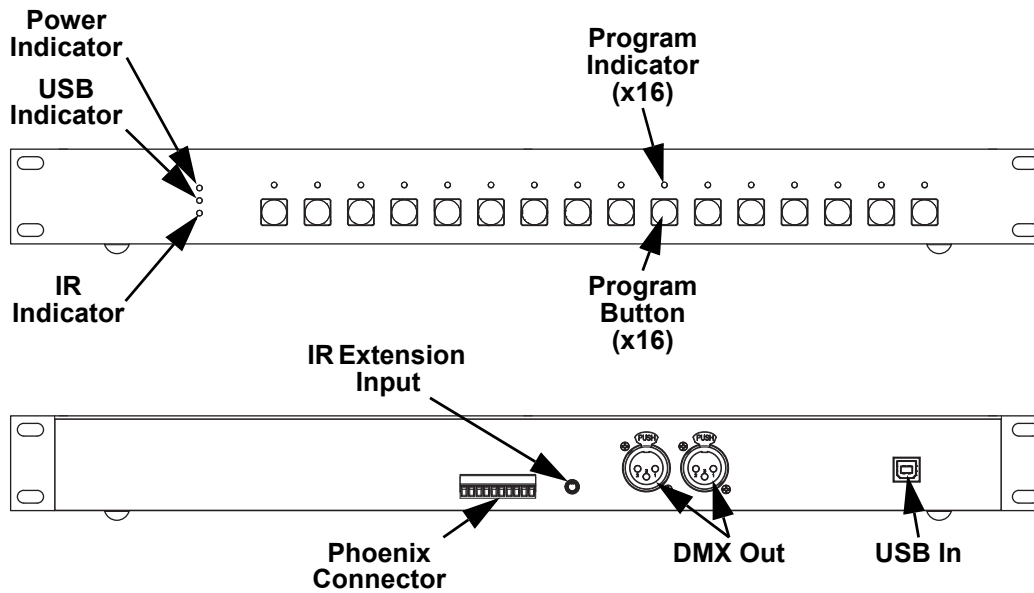
- The voltage of the outlet to which you are connecting this product must be within the range stated on the decal or rear panel of the product.
- The product is for indoor use only! (IP20) To prevent risk of fire or shock, do not expose the product to rain or moisture.
- Always install the product in 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.
- Never carry the product from the power cord.
- 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.



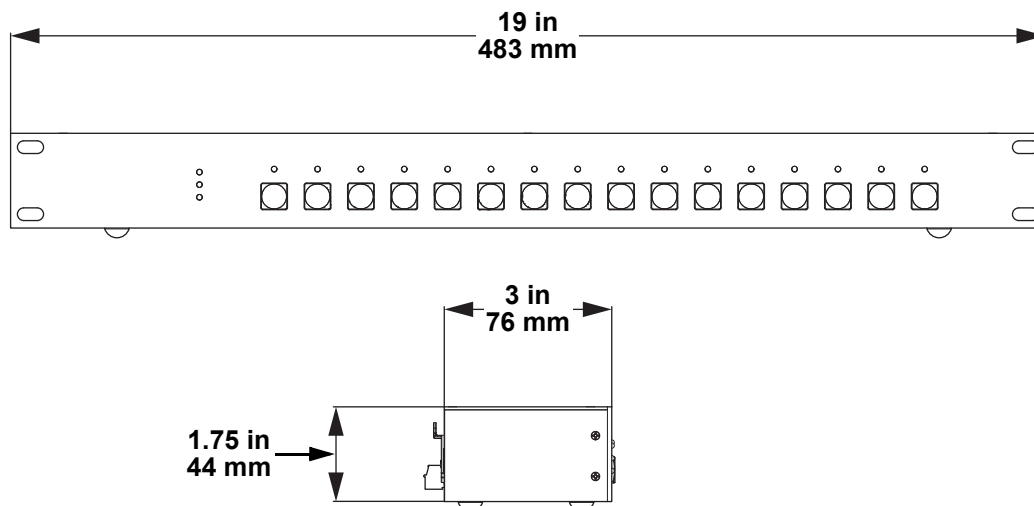
Keep this User Manual for future use. If the product is sold to someone else, be sure that they also receive this document.

2. Introduction

Product Overview



Product Dimensions



3. Setup

DC Power

The XPRESS-RACK 1024 is a hot-swappable USB-to-DMX interface, designed to connect to and be powered by the USB port of a computer using Windows® (7 to 10) or Mac OS X. The required DC voltage is 5 V, which is standard across most computers.

ShowXpress Software

The XPRESS-RACK 1024 requires a computer with the ShowXpress software installed to function. Download the ShowXpress software for free from www.chauvetdj.com.

Plug and Play

The XPRESS-RACK 1024 drivers are included in the installation of the ShowXpress software. Once the software is installed, the product is hot-swappable, and will re-connect within seconds of being plugged in to the computer.

In the unlikely case that the product is not recognized, the drivers can be downloaded from www.chauvetdj.com and manually installed.

Minimum System Requirements

- Windows Seven/Eight/Ten - Core 2 duo (year 2005), 2 GB RAM
- Mac OS X - All Intel-based Mac computers with Leopard and more

Mounting

The XPRESS-RACK 1024 fits in a standard 19" rack, or it can be placed on a flat, stable surface.

4. Operation

LED Indicators

When plugged in, the LED indicators display the status of the product.

The **PWR** indicator indicates that the product is receiving sufficient DC power.

The **USB** indicator indicates that the product is connected to, and receiving a signal from, the ShowXpress software.

The **IR** indicator indicates that the product is receiving a signal from an IR Remote.

The **Program** indicators indicate that the program assigned to the adjacent button is running.

Troubleshooting

If the USB indicator is not flashing, try the following steps:

1. Close the ShowXpress software.
2. Disconnect the XPRESS-RACK 1024 from the computer.
3. Wait 10 seconds.
4. Re-connect the XPRESS-RACK 1024 to the computer.
5. Re-open the ShowXpress software.

If this does not work, try re-installing the device driver manually. The current device drivers are available on www.chauvetdj.com.

If re-installing the device driver does not work, call Chauvet Customer Service.

Standalone Playback

The XPRESS-RACK 1024 can store a DMX program to call back while not plugged into a computer. After programming the show to be uploaded, do the following:

1. Navigate to the **StandAlone** tab.
2. Add the desired scene or scenes to one or more **Timelines**.
3. Assign the program to one of the **Zones** using the drop-down menu.
4. Assign the program to one of the 16 **Buttons**.
5. Select from **Auto Start**, **Enable calendar “on” trigger**, and/or **Enable calendar “off” trigger**.
6. Click **Upload data**.

Timelines

The **Timelines** allow for the placement and timing of multiple scenes in a **Zone**. Only one set of **Timelines** can be activated in each **Zone** at one time.

Zones

4 zones are available for independent programming. Activating a program in one zone does not affect the programs running in the other zones, but does replace any program previously running in that zone.

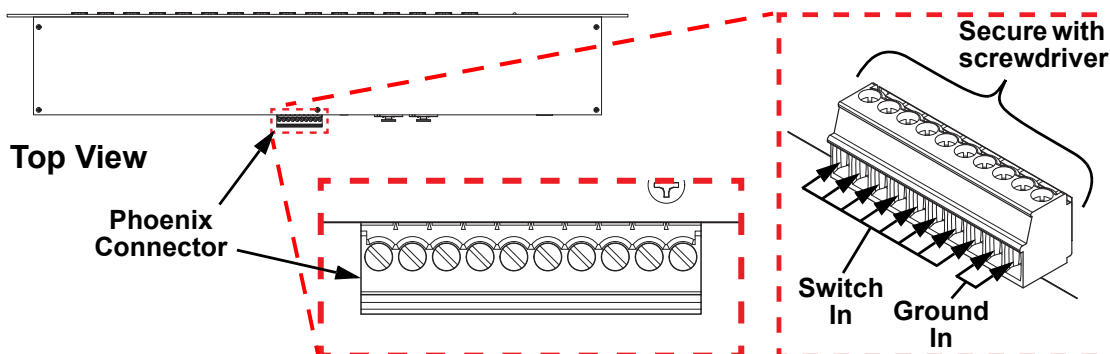
Zones may overlap with each other, but if affecting the same value as a program in another zone, the most recently activated value will take precedence.

Buttons

The XPRESS-RACK 1024 has 16 programmable buttons, which can each trigger scenes as assigned via the ShowXpress StandAlone tab. Pressing a button will override a previously running program if they are both in the same **Zone**.

Phoenix Connector

The Phoenix connector on the back of the product can be wired to trigger any programs assigned to buttons 1–8. Connect one end of a switch to one of the COM (ground) contacts, and the other end to the contacts for the program(s) to be triggered. Secure each wire to the Phoenix connector by turning the captive screws until tight.



Triggers

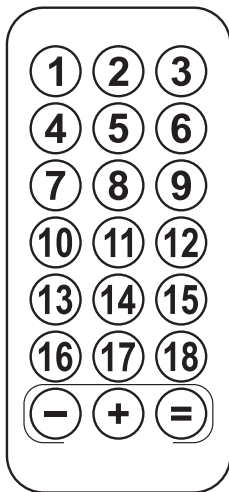
Aside from the Buttons and Phoenix Contacts, a standalone program uploaded to the XPRESS-RACK 1024 can be activated/deactivated in the following ways:

- **Auto Start:** the program will immediately begin when the product is connected to power.
- **Enable calendar “on” trigger:** the program will begin at the scheduled time, as long as the product is plugged into power. Click **Edit** to set the date and time to begin the program.
- **Enable calendar “off” trigger:** the program will stop at the scheduled time, as long as the product is plugged into power. Click **Edit** to set the date and time to stop the program.

All three options may be selected at once, or none (only the buttons or the phoenix contacts will trigger the programs).

IR Remote Control

The included IR Remote can trigger any program assigned to one of the 16 buttons and can control the speed of the DMX programs. See [IR Extension Cable](#) for information on how to enable IR Remote control.



Buttons:

- <1>–<16> - Triggers the program assigned to that numbered button via the ShowXpress software StandAlone tab.
- <17>–<18> - No function.
- <–> - Slows down all running programs.
- <+> - Speeds up all running programs.
- <=> - Sets all running programs to their default speed.

IR Extension Cable

To enable IR Remote control:

1. Plug the included IR Extension Cable in (See the [Product Overview](#) for the location of the IR Extension Input on the back panel of the product.).
2. Set the sensor on the end of the cable within line of sight of the operator (maximum unobstructed range: 15.1 ft / 4.6 m).
3. Aim the IR remote at the sensor, and press the buttons as shown above.

Art-Net™ Universe Access

The use of this product unlocks an additional Art-Net™ universe through the ShowXpress software while it is plugged in. If used, this universe counts towards the total maximum number of universes allowed by the software (6 universes).



The use of Art-Net™ may require additional hardware.

Art-Net™ Designed by and Copyright Artistic Licence Holdings Ltd.

5. Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
19 in (483 mm)	3 in (76 mm)	1.75 in (44 mm)	2.8 lb (1.3 kg)

Note: Dimensions in inches are rounded.

Power

Power Supply Type	Input Voltage
USB (external)	5 V DC (USB)

Thermal

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

DMX

Output Connector	Channel Range	Refresh Rate
3-pin XLR x2	1024 + 512 via Art-Net™	40 Hz

Ordering

Product Name	Item Code	UPC Number
XPRESS-RACK 1024	11081625	781462219734



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 UK 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., UK, Ireland, Benelux, France, Germany, or Mexico.



If you are located outside the U.S., UK, 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
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Outside the U.S., U.K., Ireland, Benelux, France, Germany, or Mexico, contact the dealer of record. Follow the instructions to request support or to return a product. Visit our website for contact details.