DMX-RT4

User Manual

Edition Notes

The DMX-RT4 User Manual includes a description, safety precautions, installation, programming, operation, and maintenance instructions for the DMX-RT4 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

Go to www.chauvetdj.com for the latest version.

Revision	Date	Description
1	02/2024	Initial release.

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1. Before You Begin

What Is Included
- DMX-RT4
- External power supply
- Quick Reference Guide

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

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

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

Text Conventions

Convention	Meaning
1–512	A range of values
50/60	A set of values of which only one can be chosen
Settings	A menu option not to be modified
<ENTER>	A key to be pressed on the product's control panel
ON	A value to be entered or selected

Symbols

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

Safety Notes

These Safety Notes include important information about installation, use, and maintenance of the DMX-RT4.

- **ALWAYS:**
  - ♦ Connect to a grounded circuit.
  - ♦ Connect to operating voltages as specified on the product's spec sticker.
  - ♦ Use a safety cable when suspending overhead.
  - ♦ Heed all restrictions and warnings on the spec sticker.
  - ♦ Mount in a location with at least 20 in (50 cm) of ventilation.
  - ♦ Use a clamp with a captive bolt when a single hanging bracket is used.

- In the event of a serious operating problem, stop using immediately.
- **DO NOT:**
  - ♦ Open this product or attempt any repairs. It contains no user-serviceable parts.
  - ♦ 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.
  - ♦ 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.
  - ♦ Leave outdoors for extended periods of time.
  - ♦ Expose to corrosive environmental conditions such as temperature, humidity, salinity, pressure, radiation, or shock.
  - ♦ Set this product on a flammable surface.

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

2. Introduction

Product Overview
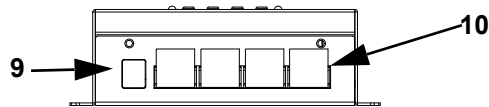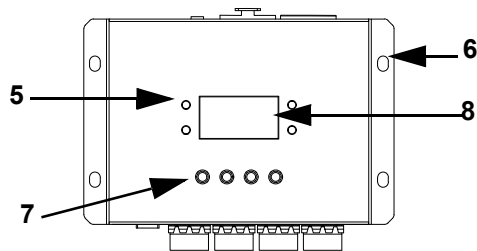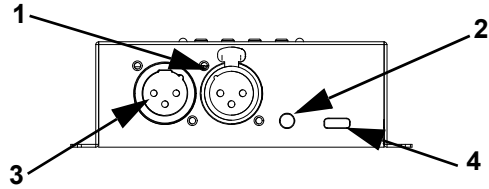
Color	Status	Function
Green	**Steady**	File is playing
	Blinking	Show is recording
Blue	**Steady**	Trigger has been activated
	Blinking	DMX input detected
Red	**Steady**	Power ON
	Blinking	N/A
Yellow	**Steady**	SD activity in progress
	Blinking	SD activity in progress

#	Description
1	DMX out
2	Audio out
3	DMX in
4	USB port
5	Status indicator lights
6	Mounting points
7	Menu buttons
8	OLED Screen
9	DC power in
10	Phoenix connectors/ triggers

Product Dimensions
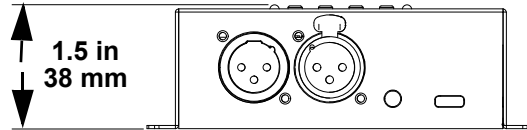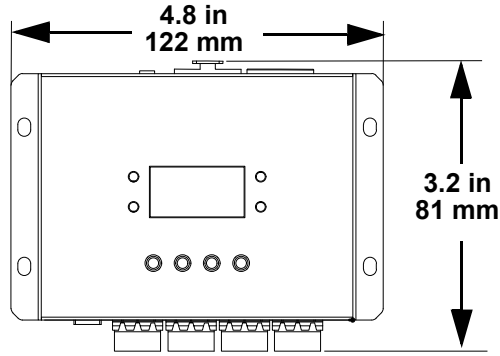
3. Setup

AC Power
The DMX-RT4 has an external 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

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

Connecting Diagram
The DMX-RT4 has 4 3-pin Phoenix connectors which connect the device to triggers, which may require additional power. See below for demonstrative purposes:
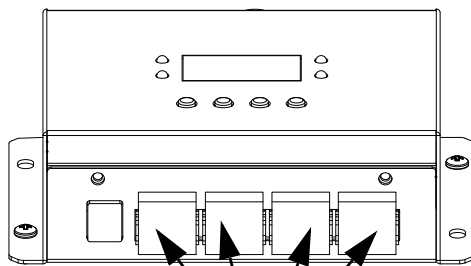
Phoenix Connectors

Phoenix Connector

Signal   **12 VDC, 100mA** (for triggers/ power output)   **Signal**
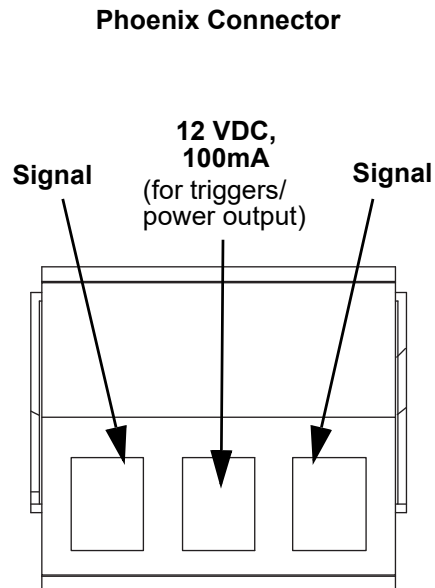
Triggers

The DMX-RT4 has phoenix connectors which users can connect to triggers (See <u>Connecting Diagram</u>). Programming options on the device then allow users to:

- Set triggers to play a preset show or audio file
- Assign each trigger a different name
- Give triggers higher or lower priority over others
- Enabled or disable each trigger

Trigger Diagram
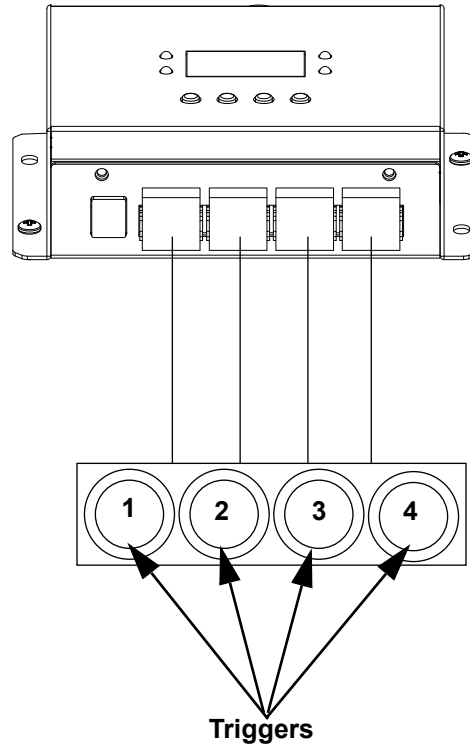
Triggers

> ⓘ **For further information on how to use/program triggers with the DMX-RT4, see the <u>Standalone Configuration</u> section of this manual.**

Mounting

Before mounting the product, read and follow the safety recommendations indicated in the <u>Safety Notes</u>.

Orientation

The DMX-RT4 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 <u>Technical Specifications</u>)
- 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
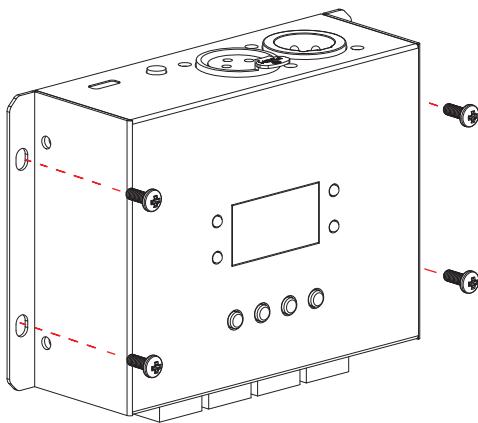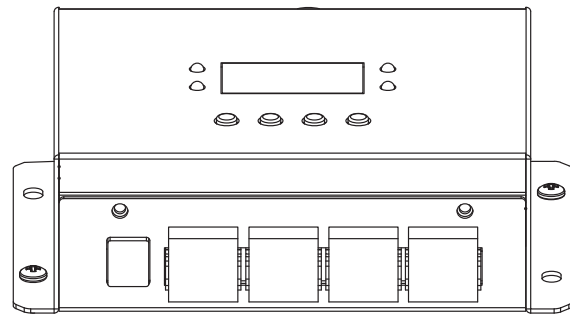
Wall Mounting   **Surface Mounting**

⚠ **Using a Philips-head or flat-head screwdriver, mount the DMX-RT4 to any wall using both screws and studs.**

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 DMX-RT4 product page on www.chauvetdj.com for the latest menu map.

Main Level	Programming Levels			Description
1. Play Audio	**Audio**	**–**		Selects audio file (12 character max)
	Mode	**One Play**		Sets audio to play once or loop
		Loop Play		
	Start Play	**Stop Play** (If audio file selected)		Enables/ disables audio
		Return (If audio file not selected)		
2. Delete Audio	**–**	**Delete Audio**	**Continue**	Delete audio file or return to previous menu
			Return	
3. Play Show	**Show**	**–**		Selects saved show file to play
	Mode	**One Play**		Sets show to play once or on repeat
		Loop Play		
	Start Play	**Stop Play** (When show is selected)		Starts and stops selected show
		Return (When show is not selected)		
4. Record Show	**Name**	**– – – – – – – – – – –**		Customize name for file to be recorded (11 character max)
		Cancel		
		Enter		
	Mode	**Manual**		Records via manual command
		Auto		Records upon recognizing DMX signal
		Semi_Auto		Records via manual command/ stops automatically
	Start Record	**Manual Start** (When **Start Record** is selected in **Manual** Mode or **Semi_Auto** Mode)		Starts recording show
		Stop Record (When **Start Record** is selected in **Auto Mode** or **Manual Record** is selected in **Manual** or **Semi_Auto** Mode)		
5. Delete Show	**–**	**Delete Show**	**Continue**	Deletes selected show/Return to Main Menu
			Return	

Main Level	Programming Levels			Description
6. Trigger Event	**1. Trigger 1** **2. Trigger 2** **3. Trigger 3** **4. Trigger 4** (The higher the trigger, the higher the priority)	**1. Status**	**Enable**	Enables/ disables trigger
			Disable	
		2. Rename	**– – – – – – – – – –**	Renames the trigger
			Cancel	
			Enter	
		3. Show List	**All Show File**	Select show file(s) for trigger
		4. DMX	**Once**	Play once or on repeat
			Loop	
		5. Audio	**–**	Select audio file(s) for trigger
		6. MP3	**Once**	Set trigger audio to play once or on repeat
			Loop	
		7. Mode	**NO_TR**	Does not trigger until circuit is closed
			AUTO_TR	Automatically triggers
			TOGGLE_TR	Sets each trigger to on/off
			NC_TR	Does not trigger until circuit is open
		8. Delay	**000–120**	Sets trigger delay
		9. Interrupt	**Self**	Can be interrupted only by same trigger
			Priority	Only higher numbered triggers can interrupt
			On	Any other trigger can interrupt
			Off	Cannot be interrupted
			Self+Prio	Can be interrupted by Self or higher priority
		10. Restart	**Enable**	When show is interrupted by a higher-priority trigger, the playback will restart from the beginning when the higher-priority show has finished.
			Disable	When show is interrupted by a higher-priority trigger, playback will resume from the point of interruption when the higher-priority show has finished.
		11. Save		Save parameters for trigger
		12. Cancel		Cancel parameters for trigger
7. Stop TR Event	**1. Trigger 1**	**Stop** (when trigger 1 is playing)		Manually stops trigger 1
	2. Trigger 2	**Stop** (When trigger 2 is playing)		Manually stops trigger 2
	3. Trigger 3	**Stop** (When trigger 3 is playing)		Manually stops trigger 3
	4. Trigger 4	**Stop** (When trigger 4 is playing)		Manually stops trigger 4
8. Enter MassStorage	**1. Connect to PC**	**–**		Allows user to transfer audio/ update firmware
		Return		
	2. Format SD Card	**Continue**		Format SD card/ return
		Return		

Main Level	Programming Levels		Description
9. Lock Device	**1. PIN**	000–999	Sets PIN code to unlock device
	2. Lock	Disable	Disables lock/ sets lock to 30 sec timer
		Timeout	
	3. Manual lock	PIN | 000–999	Select PIN code to unlock device
		Unlock	Unlocks device w/ preset PIN
10. Device Settings	**1. Device Label**	_ _ _ _ _ _ _ _ _ _	Sets device label on timeout screen
		Cancel	
		Enter	
	2. DMX Trigger Option	**1. Trigger** | ENABLE	Allows DMX signal to trigger 4 scenes
		| DISABLE	
		2. DMX Address | 001–512	Sets address for DMX Trigger
	3. Display Option	**1. Mode** | Normal	Enables/disables inverted display
		| Inverse	
		2. Backlight | On	Enables/disables timer for display blackout
		| 0–60	
	4. Version	CPU1:_ _. _ V_ . _	Displays software version
11. Save Configuration	**Name**	_ _ _ _ _ _ _ _ _ _	Sets name for the current configuration
		Cancel	
		Enter	
	Backup Data	Return (upon successful backup)	Saves current configuration
12. Load Configuration	**–**	Restore	Selects configuration to be loaded
		Del	
13. Default Setting		Yes	Restores ALL settings to default
		No	

⚠ **If the user forgets the preset manual lock PIN, the master unlock PIN is 996.**
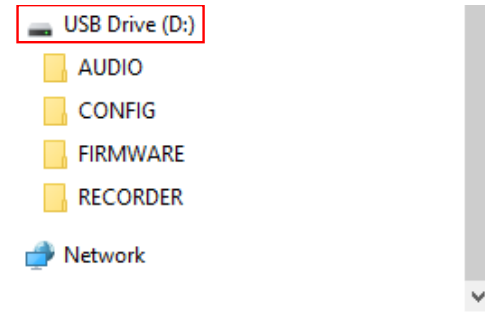
Mass Storage

It is possible to copy, backup, and transfer show files to and from the DMX-RT4 using the USB-C connection. To enter Mass Storage:

1. Connect the DMX-RT4 to a PC with a USB-C cable.
2. Select **Enter MassStorage** on the device.

ⓘ **For further instruction how to connect the device to a PC, see Enter Mass Storage.**
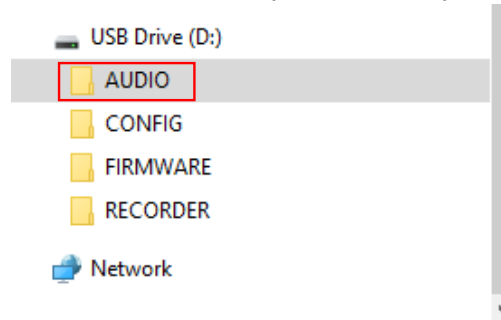
3. Once connected, identify the device on the PC.
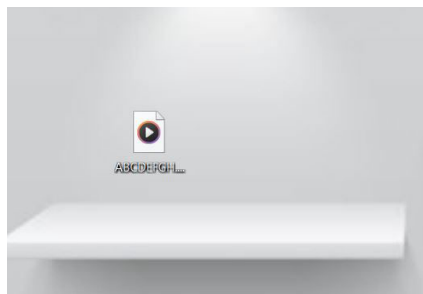

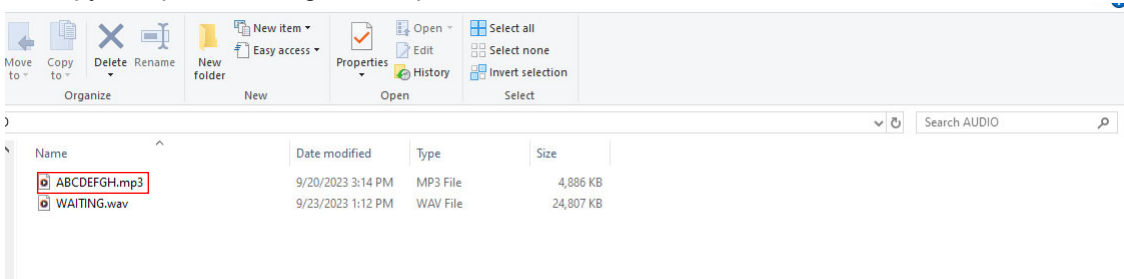## Transfer Files

To transfer files:

1. Identify the type of file to be transferred and open the corresponding folder.

2. Locate the file on the PC.

3. Copy and paste or drag and drop the file from the PC to the folder.

4. Configurations, firmware, and recordings may also be moved with the same steps.

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.**

Play Audio

To select an audio file to play on the DMX-RT4, follow the instructions below.
1. Press **<MENU>** repeatedly until **Play Audio** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Audio**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select the desired audio file.
6. Press **<ENTER>**.

To set the frequency of play for the selected audio file:
1. Press **<MENU>** repeatedly until **Play Audio** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Mode**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select **One Loop** (to play the audio file once) or **Loop Play** (to play the audio file repeatedly).
6. Press **<ENTER>**.

To play, pause, or return to the previous menu:
1. Press **<MENU>** repeatedly until **Play Audio** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Start Play** (begins playing the selected file).
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select **Stop Play** (to pause the audio file) or **Return** (to return to the previous menu).
6. Press **<ENTER>**.

Delete Audio

To delete an audio file:
1. Press **<MENU>** repeatedly until **Delete Audio** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select an audio file to delete.
4. Press **<ENTER>**.
5. Select **Delete Audio** and press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **Continue** (to delete the audio file) or **Return** (to return to the previous menu).
7. Press **<ENTER>**.

Play Show

To select a show:
1. Press **<MENU>** repeatedly until **Play show** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Show**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select a show to play.
6. Press **<ENTER>.**

To select the frequency of play for the selected show:
1. Press **<MENU>** repeatedly until **Play show** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Mode.**
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select **One Play** (to play the show once) or **Loop play** (to play the show repeatedly).
6. Press **<ENTER>.**

To play the selected show:
1. Press **<MENU>** repeatedly until **Play show** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Start Play.**
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select **Stop Play** (to pause play if a show is selected) or **Return** (to return to the previous screen).
6. Press **<ENTER>.**

Record Show
To select a name for a show:
1. Press **<MENU>** repeatedly until **Record Show** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Name**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select _ _ _ _ _ _ _ _ _ _ (to customize the file name), **Cancel** (to cancel) or **Enter** (to save the show name).
6. Press **<ENTER>.**

To select a recording mode:
1. Press **<MENU>** repeatedly until **Record Show** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Mode**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select **Manual** (to record the show via manual command), **Auto** (to record upon DMX signal) or **Semi_Auto** (to record via manual command and stop automatically).
6. Press **<ENTER>.**

To begin or stop recording the show:
1. Press **<MENU>** repeatedly until **Record Show** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Start Record**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select **Manual Start** (When **Start Record** is selected in **Manual** Mode or **Semi Auto** Mode) or **Stop Record** (When **Start Record** is selected in **Auto** Mode or **Manual** Record is selected in **Manual** or **Semi Auto** Mode).
6. Press **<ENTER>.**

Delete Show
To delete a show:
1. Press **<MENU>** repeatedly until **Delete Show** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the desired show.
4. Press **<ENTER>**.
5. Select **Delete Show**.
6. Press **<ENTER>**.
7. Use **<UP>** or **<DOWN>** to select **Continue** (to delete the selected show), or **Return** (to return to the main menu).

Trigger Event
To select a trigger:
1. Press **<MENU>** repeatedly until **Trigger Event** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the desired trigger, from **Trigger 1**, **Trigger 2**, **Trigger 3**, or **Trigger 4**.
4. Press **<ENTER>**.

To enable or disable a trigger:
1. Select a Trigger from the Trigger Event menu.
2. Use **<UP>** or **<DOWN>** to select **Status**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Enable** or **Disable**.
5. Press **<ENTER>**.

To rename a trigger:
1. Select a Trigger from the Trigger Event menu.
2. Use **<UP>** or **<DOWN>** to select **Rename**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select _ _ _ _ _ _ _ _ _ _ _ (select from 11 max spaces to rename the trigger).
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **Cancel** (to return to the previous menu), or **Enter** (to save the trigger name).
7. Press **<ENTER>**.

To pair a show with a trigger:
1. Select a Trigger from the Trigger Event menu.
2. Use **<UP>** or **<DOWN>** to select **Show list**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select a show file from the list.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select a show file to add to the list.
7. Press **<ENTER>** to add the file to the selected show list.

To pair the DMX with a specific trigger:
1. Select a Trigger from the Trigger Event menu.
2. Use **<UP>** or **<DOWN>** to select **DMX**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Once** (to play once) or **Loop** (to play repeatedly).
5. Press **<ENTER>**.

To pair a audio with a trigger:
1. Select a Trigger from the Trigger Event menu.
2. Use **<UP>** or **<DOWN>** to select **Audio**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select an audio file.
5. Press **<ENTER>**.

To pair an MP3 file with a trigger:
1. Select a Trigger from the Trigger Event menu.
2. Use **<UP>** or **<DOWN>** to select **MP3**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Once** (to play once) or **Loop** (to play repeatedly).
5. Press **<ENTER>**.

To select the mode for the trigger:
1.   Select a Trigger from the Trigger Event menu.
2.   Use **<UP>** or **<DOWN>** to select **Mode**.
3.   Press **<ENTER>**.
4.   Use **<UP>** or **<DOWN>** to select **NO_TR** (Does not trigger until circuit is closed), **AUTO_TR** (Automatic trigger), **TOGGLE TR** (Sets each trigger to on/off), or **NC_TR** (Does not trigger until circuit is open).
5.   Press **<ENTER>**.

To program the trigger with a delay:
1.   Select a Trigger from the Trigger Event menu.
2.   Use **<UP>** or **<DOWN>** to select **Delay**.
3.   Press **<ENTER>**.
4.   Use **<UP>** or **<DOWN>** to select a delay time from **000–120** (seconds).
5.   Press **<ENTER>**.

To set/allow interruptions for the trigger:
1.   Select a Trigger from the Trigger Event menu.
2.   Use **<UP>** or **<DOWN>** to select **Interrupt**.
3.   Press **<ENTER>**.
4.   Use **<UP>** or **<DOWN>** to select a delay time from **Self** (interrupted by self), **Priority** (can be interrupted by higher priority triggers), **On** (any other trigger can interrupt), **Off** (cannot be interrupted), **Self + Prio** (Can be interrupted by self or higher priority).
5.   Press **<ENTER>**.

Once a trigger interrupts a show, the previous show may be played again. To set the selected trigger playback:
1.   Select a Trigger from the Trigger Event menu.
2.   Use **<UP>** or **<DOWN>** to select **Restart**.
3.   Press **<ENTER>**.
4.   Use **<UP>** or **<DOWN>** to select **Enable** (show will restart from the beginning) or **Disable** (show will resume from point of interruption).
5.   Press **<ENTER>**.

To save parameters for a selected trigger:
1.   Select a Trigger from the Trigger Event menu.
2.   Use **<UP>** or **<DOWN>** to select **Save**.
3.   Press **<ENTER>**.

To cancel parameters for a selected trigger:
1.   Select a Trigger from the Trigger Event menu.
2.   Use **<UP>** or **<DOWN>** to select **Cancel**.
3.   Press **<ENTER>**.

Stop TR Event

To manually stop the trigger event:
1. Press **<MENU>** repeatedly until **Stop TR Event** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the a trigger from **Trigger 1, Trigger 2, Trigger 3,** or **Trigger 4**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select the a trigger from **Stop** (when trigger 1–4 is playing).
6. Press **<ENTER>**.

Enter Mass Storage

To enter mass storage via PC:
1. Press **<MENU>** repeatedly until **Enter Mass Storage** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Connect to PC**.
4. Press **<ENTER>**.

To format the DMX-RT4 SD card:
1. Press **<MENU>** repeatedly until **Enter Mass Storage** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Format SD Card**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select **Continue** (to format SD Card) or **Return** (to return to the previous menu).
6. Press **<ENTER>**.

Lock Device

To set a PIN to unlock the DMX-RT4:
1. Press **<MENU>** repeatedly until **Lock Device** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **PIN**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to enter a PIN code, from **000–999.**
6. Press **<ENTER>**.

To disable the device's lock or set the lock to a 30 sec timer:
1. Press **<MENU>** repeatedly until **Lock Device** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Lock**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select or **Disable** (disables the lock) or **Timeout** (sets the lock to a 30 sec timer).
6. Press **<ENTER>**.

To unlock the device:
1. Press **<MENU>** repeatedly until **Lock Device** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Manual lock**.
4. Press **<ENTER>**.
5. Press **<MENU>**.
6. Use **<UP>** or **<DOWN>** to select **PIN**.
7. Press **<ENTER>**.
8. Use **<UP>** or **<DOWN>** to enter a PIN code, from **000–999.**
9. Press **<ENTER>**.

⚠ • **If the PIN code entered is incorrect, a "PIN Error" warning will appear on the display.**
  • **If the user forgets the preset manual lock PIN, the master unlock PIN is 996.**
10. Use **<UP>** or **<DOWN>** to select **Unlock**.
11. Press **<ENTER>**.

Device Settings

To access the Device settings menu on the DMX-RT4:
1. Press **<MENU>** repeatedly until **Device Settings** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Device Label**, **DMX Trigger Option**, **Display Option,** or **Version**.
4. Press **<ENTER>**.

To set the device label on the timeout screen of the DMX-RT4:
1. Navigate to the Device Settings menu
2. Use **<UP>** or **<DOWN>** to select **Device Label**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select _ _ _ _ _ _ _ _ _ _ _ (Set device label on timeout screen)**, Cancel** (returns to previous screen)**,** or **Enter** (press to save once desired label is selected).

To allow the DMX signal to trigger four scenes:
1. Navigate to the Device Settings menu.
2. Use **<UP>** or **<DOWN>** to select **DMX Trigger Option**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Trigger**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **ENABLE** (allows DMX signal to trigger scenes) or **DISABLE** (prevents DMX signal from triggering scenes)**.**
7. Press **<ENTER>**.

To set the address for the DMX trigger:
1. Navigate to the Device Settings menu.
2. Use **<UP>** or **<DOWN>** to select **DMX Trigger Option**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **DMX Address**.
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select an address, from **001–512**.
7. Press **<ENTER>**.

To enable or disable the inverted display:
1. Navigate to the Device Settings menu.
2. Use **<UP>** or **<DOWN>** to select **Display Option**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Mode.**
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **Normal** (enables normal display) or **Inverse** (inverse display).

To enable or disable the timer for the display blackout:
1. Navigate to the Device Settings menu.
2. Use **<UP>** or **<DOWN>** to select **Display Option**.
3. Press **<ENTER>**.
4. Use **<UP>** or **<DOWN>** to select **Backlight.**
5. Press **<ENTER>**.
6. Use **<UP>** or **<DOWN>** to select **On** (enable backlight) or **0, 05, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55,** or **60** (enable backlight timer)**.**
7. Press **<ENTER>**.

To display the DMX-RT4 software version:
1. Navigate to the Device Settings menu.
2. Use **<UP>** or **<DOWN>** to select **Version**.
3. Press **<ENTER>**.

Save Configuration

To set the name for the current device configuration:
1. Press **<MENU>** repeatedly until **Save Configuration** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Name**.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select _ _ _ _ _ _ _ _ _ _ _ (to select a name)**, Cancel** to (return to previous menu)**,** or **Enter** (to save once a name has been selected)**.**
6. Press **<ENTER>**.

To save the current configuration:
1. Press **<MENU>** repeatedly until **Save Configuration** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Backup Data**.
4. Press **<ENTER>**.
5. Press **Return** upon successful backup.

Load Configuration

To select and load a configuration.
1. Press **<MENU>** repeatedly until **Load Configuration** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select the desired configuration.
4. Press **<ENTER>**.
5. Use **<UP>** or **<DOWN>** to select **Restore** or **Del**.
6. Press **<ENTER>**.

Default Setting

To restore all settings on the DMX-RT4 tool their original default settings:
1. Press **<MENU>** repeatedly until **Default Setting** shows on the display.
2. Press **<ENTER>**.
3. Use **<UP>** or **<DOWN>** to select **Yes** (Restores all default settings) or **No** (to cancel).
4. 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.

6. Technical Specifications

Dimensions and Weight

Length	Width	Height	Weight
4.8 in (122 mm)	3.2 in (81 mm)	1.5 in (38 mm)	0.4 lb (0.2 kg)

Note: Dimensions in inches are rounded.

Power

Power Supply Type	Range	Voltage Selection	DC Input
Switching (external multi-charger)	100 to 240 VAC, 50/60 Hz	Auto-ranging	12 VDC

Parameter	120 V, 60 Hz	230 V, 50 Hz
Consumption	1 W	1 W
Operating Current	0.03 A	0.03 A

	U.S./Worldwide	UK/Europe
Power cable plug	Edison (U.S.)	Local Plug

Memory

Onboard
32 GB

Audio

MP3	WAV
32-320 kps	8 or 16bit

Thermal

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

DMX

I/O Connector
3-pin XLR

Ordering

Product Name	Item Code	UPC Number
DMX-RT4	09082001	781462223496

RoHS

UK CA CE

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Warranty & Returns

For warranty terms and conditions and return information, please visit our website.
For customers in the United States and Mexico: www.chauvetlighting.com/warranty-registration.
For customers in the United Kingdom, Republic of Ireland, Belgium, the Netherlands, Luxembourg, France, and Germany: www.chauvetlighting.eu/warranty-registration.