

ELATION[®]



C-Loader II Software Uploader user manual

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DOCUMENT VERSION



Due to additional product features and/or enhancements, an updated version of this document may be available online. Please scan the QR Code with your mobile device or visit www.elationlighting.com for the latest revision/update of this manual, before installation and/or programming.

Date	Document Version	Software Version	DMX Channels	Notes
04/12/2019	1.0	N/A	N/A	Initial Release
05/20/2026	1.1	N/A	N/A	Updated: General Info, Compatible Models, Update Process

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GENERAL INFORMATION

INTRODUCTION

Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this device. These instructions contain important safety and use information. **This device is intended for professional use only.**

UNPACKING

Every device has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton is damaged, carefully inspect the device for damage, and be sure all accessories necessary to install and operate the device have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not return this device to your dealer without first contacting customer support. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

BOX CONTENTS

USB Cable
Micro SD Card
USB to Micro SD Card Adapter

CUSTOMER SUPPORT

Contact ELATION Service for any product related service and support needs. Also visit forums.elationlighting.com with questions, comments or suggestions.

ELATION SERVICE USA - Monday - Friday 8:00am to 4:30pm PST
323-582-3322 | support@elationlighting.com

ELATION SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET
+31 45 546 85 63 | support@elationlighting.eu

REPLACEMENT PARTS please visit parts.elationlighting.com

LIMITED WARRANTY

For up-to-date warranty information regarding your device, please visit Elation's warranty information page online or scan the QR codes below.



USA: <https://www.elationlighting.com/warranty-information>

EU: https://www.elationlighting.eu/terms_and_conditions

THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT. DO NOT ATTEMPT ANY REPAIRS YOURSELF, AS DOING SO WILL VOID YOUR MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS FIXTURE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS.

SAFETY GUIDELINES

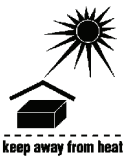
This fixture is a sophisticated piece of electronic equipment. To guarantee a smooth operation, it is important to follow all instructions and guidelines in this manual. Elation Professional is not responsible for injury and/or damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual. Only qualified and/or certified personnel should use this device. Any modifications to the device will void the original manufacturer's warranty and increase the risk of damage and/or personal injury.



DO NOT SHAKE DEVICE, AND AVOID BRUTE FORCE DURING OPERATION



**INDOORS USE ONLY!
DO NOT EXPOSE TO RAIN OR MOISTURE!
KEEP FLAMMABLE MATERIALS AWAY FROM DEVICE!**



**DO NOT EXPOSE DEVICE TO HEAT OR FIRE!
DO NOT EXPOSE DEVICE TO FLAMMABLE MATERIALS!**



**DO NOT EXPOSE DEVICE TO HIGH HUMIDITY!
DO NOT EXPOSE DEVICE TO EXTREME VIBRATION!
DO NOT REMOVE EXTERNAL COVER/HOUSING!
DO NOT PLUG DEVICE INTO A DIMMER PACK!**



**DO NOT USE DEVICE IF THE BATTERY IS DAMAGED, DEFORMED, OR HAS AN ODOR!
DO NOT DISASSEMBLE THE BATTERY!
DISPOSE OF BATTERY PROPERLY ACCORDING TO LOCAL, STATE, AND COUNTRY REGULATIONS!**

OVERVIEW

The **C-LOADER II™** is a battery powered hand held software uploader device used to update Elation compatible lighting fixtures. Easily upload a software update to an Elation lighting fixture by connecting the **C-LOADER II™** to the fixture using the included 3pin DMX cable. Elation software updates (not included) are stored on a MICRO SD card (included) and inserted into the uploader. **C-LOADER II™** features an LCD display, 6 button control panel, a MICRO SD card slot, a 3pin XLR DMX cable, USB cable, and a blank MICRO SD card. Please contact Elation Service for details about available Elation fixture software updates.



COMPATIBLE ELATION MODELS

*Partial listing of model series. Contact Elation Service for more details.

ACL SERIES

COLOUR CHORUS SERIES

CUEPIX SERIES

DW CHORUS SERIES

DTW SERIES

FUZE SERIES

KL SERIES

REBEL SERIES

SIX+ SERIES

SIXPAR SERIES

ZCL SERIES

OPERATION



1. With the software update stored on the MICRO SD card, insert the SD card into the slot located at the left side of the C-Loader II.
2. Connect the signal output cable to the fixture to be updated using a 3pin to 5pin DMX adapter (not included).
3. With the fixture connected, power up the fixture, and then power up the C-Loader II.



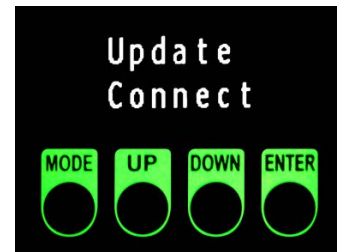
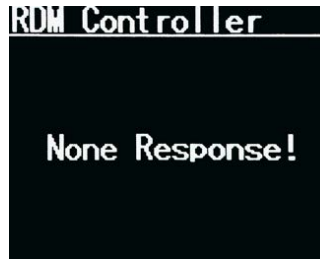
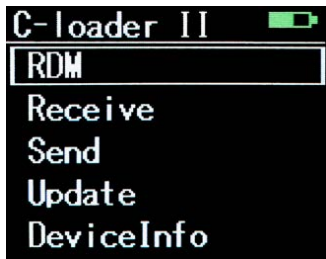
A 3pin to 5pin DMX adapter (not included) is necessary to connect the C-Loader II to Elation fixtures and can be purchased at www.elationlighting.com

4. Use **MODE** to return to the main menu. Use the **UP**, **DOWN**, **LEFT**, and **RIGHT** buttons to navigate the menu. Select between **RDM**, **Receive**, **Send**, **Update**, and **Device Info**, then press **ENTER**.



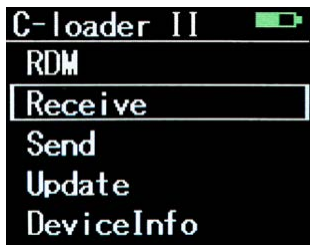
OPERATION

RDM



Clicking on RDM begins the **Discovery** process and opens the **Software Update files**. **None Response!** displays if SD card is empty, has not been inserted, or if unit is not connected to fixture.

RECEIVE

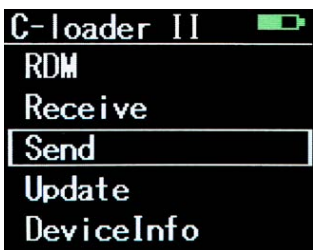


BRC: 0x00	STC: 0x00				
001	00	00	00	00	00
002	00	00	00	00	00
003	00	00	00	00	00
004	00	00	00	00	00
005	00	00	00	00	00
006	00	00	00	00	00
007	00	00	00	00	00
008	00	00	00	00	00
009	00	00	00	00	00

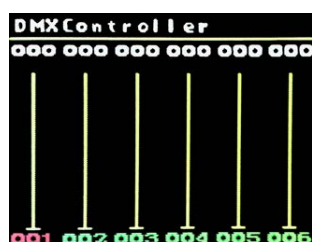
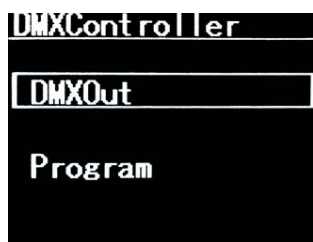
BRC: 0x00	STC: 0x00				
100	00	00	00	00	00
101	00	00	00	00	00
102	00	00	00	00	00
103	00	00	00	00	00

Select **Receive**, then use the **UP** and **DOWN** buttons to navigate between the 12 screens (1-103). Press **MODE** to return to the main menu.

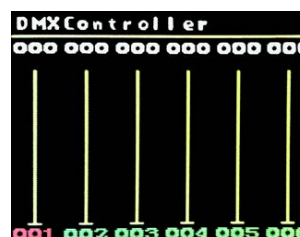
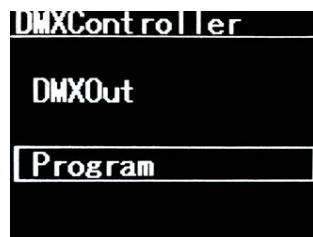
SEND



Select **Send**, then use the **UP** and **DOWN** buttons to navigate between **DMXOut** and **Program**, then press **ENTER**.



Selecting **DMXOut** brings you to the **DMXController** screen. Use **LEFT** or **RIGHT** to navigate to the desired channel (001 to 512), then use **UP** or **DOWN** to change its value from 000 to 255.



With **Program** selected, use **UP** and **DOWN** to navigate between **Edit**, **Fade**, **Speed**, and **RunSet**. Starting with **Edit**, use **LEFT** and **RIGHT** to change **Step##** from 00 to 19. Pressing **ENTER** brings you to the **DMXController** screen for that Step. Use **LEFT** and **RIGHT** to navigate to the desired channel (001 to 512), then use **UP** and **DOWN** to change the channel value (000 to 255).

OPERATION

```
DMXController
Edit      SteP00
Fade      00m00s
Speed     00m00s
RunSet
```

```
DMXController
Edit      SteP00
Fade      00m00s
Speed     00m00s
RunSet
```

Set **Fade** time by pressing **ENTER**, then using **LEFT** and **RIGHT** to change minutes, and **UP** and **DOWN** to change seconds.

```
DMXController
Edit      SteP00
Fade      00m00s
Speed     00m00s
RunSet
```

```
DMXController
Edit      SteP00
Fade      00m00s
Speed     00m00s
RunSet
```

Set **Speed** by pressing **ENTER**, then using **LEFT** and **RIGHT** to change minutes, and **UP** and **DOWN** to change seconds.

```
DMXController
Edit      SteP00
Fade      00m00s
Speed     00m00s
RunSet
```

```
DMXController
End       SteP00
Start     SteP00
Run
```

Set **RunSet** time by pressing **ENTER**. With **End** selected, use **LEFT** and **RIGHT** to change **Step##** from 00 to 19.

```
DMXController
End       SteP00
Start     SteP00
Run
```

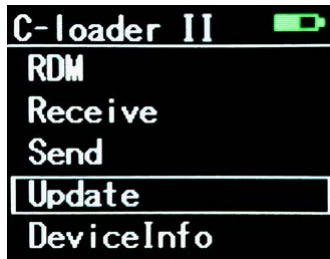
With **Start** selected, use **LEFT** and **RIGHT** to change **Step##** from 00 to 19.

```
DMXController
End       SteP00
Start     SteP00
Run
```

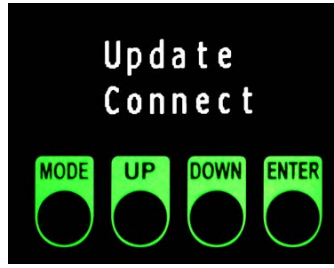
```
DMXController
Running   SteP00
```

With **Run** selected, press **ENTER**, which will run the **Steps** previously select and set from **Start** to **End**.

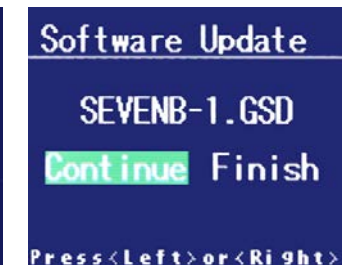
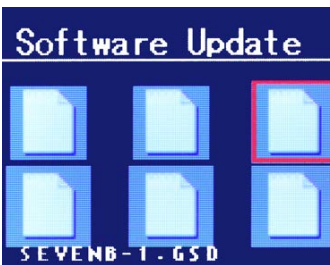
UPDATE PROCESS



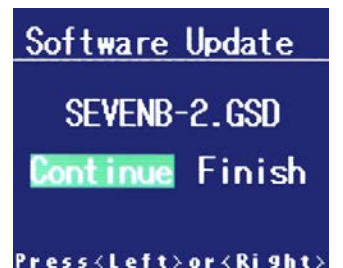
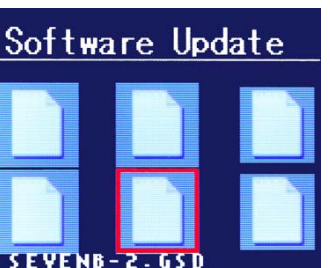
Select **Update**, then use **LEFT** and **RIGHT** to select between **UpdateSpeed:Fast** or **UpdateSpeed:Slow**. **UpdateSpeed:Fast** is selected by default and is recommended. With **UpdateSpeed** selected, press **ENTER** again to enter the Software Update folder.



With the **Software Update** files open, note that there will be some corrupted files among them, which as shown above. This is normal, and is not harmful to the fixture. Now check the fixture display to ensure a connection. In this case, the fixture display reads as **Update Connect**.



Use **UP**, **DOWN**, **LEFT**, and **RIGHT** to navigate to the desired file, then press **ENTER**. This opens a screen with the file name, and the choice to **Start** or **Return**. Selecting **Start** begins the updating process and opens a process status screen. When this process completes, you are given the choice to **Continue** or **Finish**.

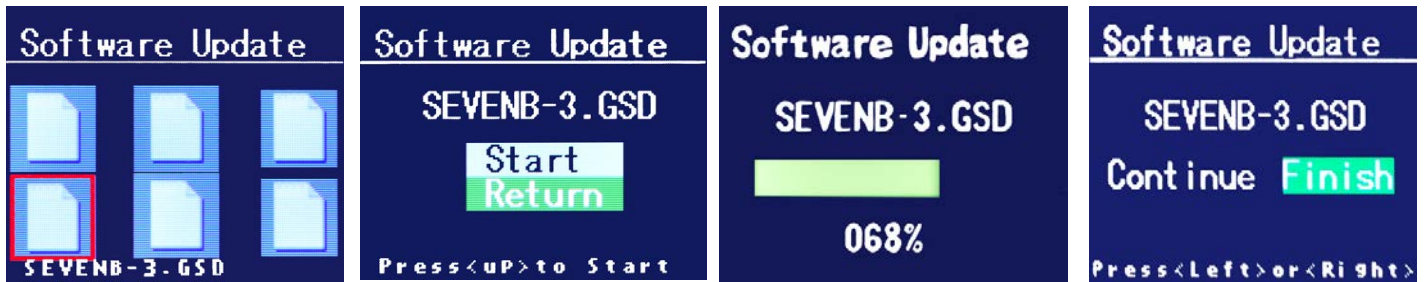


Continue the process until all desired files have been updated.



With the completion of each **Software Update**, the fixture will display the various files that are being updated, and then sequentially display each successive file completed: **Update 1Correct**, **Update 2Correct**, etc.

UPDATE PROCESS



When you have completed the Software Updates, selecting **Finish** brings you back to the main menu. **DO NOT SKIP THIS STEP OR ALLOW THE DEVICE TO RESET BEFORE COMPLETING THIS STEP, AS SKIPPING THIS STEP WILL CAUSE THE UPDATES TO BE DISCARDED, AND THE UPDATING PROCESS WILL HAVE TO BE STARTED OVER.**

DEVICE INFO



Select **Device Info** to display the Model, Software, and Date information of the device.

RECHARGING BATTERY



DO NOT USE DEVICE IF THE BATTERY IS DAMAGED, DEFORMED, OR HAS AN ODOR!
DO NOT DISASSEMBLE THE BATTERY!
DISPOSE OF BATTERY PROPERLY ACCORDING TO LOCAL, STATE, AND COUNTRY REGULATIONS!
DO NOT OPERATE DEVICE IF YOU ARE NOT QUALIFIED TO DO SO!



Recharge battery when indicator is low by plugging in the included USB power cord.

SPECIFICATIONS

Features:

Firmware Upload Tool
DMX Tester (Send and Receive DMX Signal)
DMX Programmer for Test Programs
RDM Sender Receiver

Control / Connections:

6 Button Touch Control Panel
LCD Menu Display
3pin DMX Out
Micro SD Card Slot
Mini USB Input

Size / Weight:

Length: 4.89" (124.15mm)
Width: 2.73" (69.46mm)
Vertical Height: 1.48" (37.5mm)
Weight: 0.4lbs. (0.2kg)

Electrical:

USB Powered (Internal Battery)

OPTIONAL ACCESSORIES

SKU NUMBER	DESCRIPTION
AC3PM5PFM	1 ft (0.3m) 3pin Male to 5pin Female DMX Cable
AC3PDMX5PRO	5 ft (1.5m) 3pin PRO DMX Cable
AC5PDMX5PRO	5 ft (1.5m) 5pin PRO DMX Cable
	Additional cable lengths are available

DIMENSIONAL DRAWINGS



