

MAGMATIC

MAGFLY



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 check www.elationlighting.com for the latest revision/update of this manual before beginning installation and/or programming.



Date	Document Version	Software Version	DMX Channel Mode	Notes
10/25/21	1.0	N/A	N/A	Initial Release
11/09/21	1.1	N/A	N/A	Updated Specifications, Overview

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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.

UNPACKING

Every device has been thoroughly tested and has been shipped in perfect operating condition. Care-fully 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 that 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

MagFly Module (x1)
Small Antenna (x1)
Large Antenna (x1)

GENERAL INFORMATION

CUSTOMER SUPPORT

Contact MAGMATIC customer 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 | Fax 323-832-9142 | sales@magmaticeffects.com

ELATION SERVICE EUROPE - Monday - Friday 08:30 to 17:00 CET
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REPLACEMENT PARTS: Please visit parts.elationlighting.com

IMPORTANT NOTICE! THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT. DO NOT ATTEMPT ANY REPAIRS YOURSELF. DOING SO WILL VOID YOU MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS DEVICE/DISREGARD OF INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID MANUFACTURER'S WARRANTY AND ARE NOT SUBJECT TO CLAIMS/REPAIRS!

LIMITED WARRANTY (USA ONLY)

A. Magmatic Effects hereby warrants, to the original purchaser, Magmatic products to be free of manufacturing defects in material and workmanship for a period of two years (730 days) from the original date of purchase. This warranty excludes discharge lamps and all product accessories. This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.

B. For warranty service, send the product only to the Magmatic Effects factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, Magmatic Effects will pay return shipping charges only to a designated point within the United States. If any product is sent, it must be shipped in its original package and packaging material. No accessories should be shipped with the product. If any accessories are shipped with the product, Magmatic Effects shall have no liability what so ever for loss and/or or damage to any such accessories, nor for the safe return thereof.

C. This warranty is void if the product serial number and/or labels are altered or removed; if the product is modified in any manner which Magmatic Effects concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the Magmatic Effects factory unless prior written authorization was issued to purchaser by Magmatic Effects; if the product is damaged because not properly maintained as set forth in the product instructions, guidelines and/or user manual.

LIMITED WARRANTY (USA ONLY)

D. This is not a service contract, and this warranty does not include any maintenance, cleaning or periodic check-up. During the periods as specified above, Magmatic Effects will replace defective parts at its expense, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of Magmatic Effects under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of Magmatic Effects. All products covered by this warranty were manufactured after January 1, 1990, and bear identifying marks to that effect.

E. Magmatic Effects reserves the right to make changes in design and/or performance improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

F. No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with the products described above. Except to the extent prohibited by applicable law, all implied warranties made by Magmatic Effects in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty periods set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said periods have expired. The consumer's and/or dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall Magmatic Effects be liable for any loss and/or damage, direct and/or consequential, arising out of the use of, and/or the inability to use, this product.

G. This warranty is the only written warranty applicable to Magmatic Effects products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

WARRANTY RETURNS (USA ONLY)

To obtain warranty service, a Return Material Authorization (RMA) number must first be obtained from MAGMATIC. It is the Customer's responsibility to provide product proof of purchase and serial number by acceptable evidence such as an invoice copy or an approved MAGMATIC Extended Warranty Certificate ("EWC") and any relevant maintenance records at the time warranty service is sought. Failure to provide acceptable evidence of product proof of purchase or EWC and any relevant maintenance records may be cause for denial of warranty service.

Products returned for warranty service must be sent without any accessories (i.e., power, data, and safety cables, brackets, clamps, rigging hardware, frost filters, gel frames, barn doors, lenses, hoses, nozzles, rack mounting hardware, etc.), must be boxed using the original and/or suitable packaging materials (double-box and foam) that provides ample product protection for ground and/or air freight transit, and must be shipped freight pre-paid and insured to MAGMATIC in Los Angeles, CA or a MAGMATIC Authorized Service Center. The RMA number must be clearly written on the outside of the return box, and a brief description of the problem and the RMA number must be documented and included in the box.

WARRANTY RETURNS (USA ONLY)

Products returned for warranty service without an RMA number clearly marked on the outside of the package will be refused and returned to the shipper at the Customer's expense. Products returned for warranty service, which are received damaged due to inadequate and/or improper packaging and/or due to damage caused by the shipping carrier, may incur additional repair charges before warranty service begins and/or may void this warranty. If any product accessories (included and/or optional) are shipped with the product, MAGMATIC and/or the MAGMATIC Authorized Service Center shall have no liability what so ever for the loss and/or damage to any such accessories, nor the safe return thereof. If the requested warranty repairs or service (including parts replacement) are within the terms of this warranty, MAGMATIC will pay return ground transportation shipping charges to a single designated point within the United States.

SAFETY GUIDELINES

- In order to prevent the risk of fire or electrical shock, do not expose this device to rain or moisture.
- After bringing the device from outdoors into a warm indoor environment, allow the device time to reach the same temperature as its surroundings. This will reduce the risk of condensation forming inside the unit, which can damage the device or hinder its performance.
- This unit is intended for indoor usage only.
- To avoid the risk of electric shock, do not spill liquids into or onto the device, and keep all liquids and liquid-filled objects a safe distance away from the device.
- Disconnect power immediately if liquids are spilled into or onto the device, or if a foreign object enters the device.
- Keep device away from open flame.
- Avoid use in highly dusty environments, and clean the device regularly after usage.
- Keep the device away from children and inexperienced persons.
- Maximum ambient temperature is 104° F (40° C). Do not operate the device when ambient temperature rises above this value.
- Never remove the device's outer cover for any reason.

SAFETY GUIDELINES

- If serious problems arise, discontinue use of the device immediately, and contact your dealer or Magmatic Effects immediately for advice.
- In the event that the device needs to be returned for service, use only the original packaging for transportation.
- Do not perform any repairs or modifications to the device on your own, as doing so voids all manufacturer's warranty coverage. Please refer all repair or maintenance procedures to an authorized dealer or technician.

OVERVIEW



SHORT ANTENNA INSTALLED



LONG ANTENNA INSTALLED



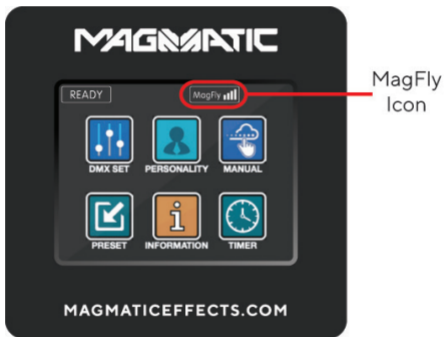
OPERATION

1. Attach either of the included antennas to the MagFly module, then locate the card input slots on your Magmatic device. Use a screwdriver to remove the slot cover for one of the input slots, then insert the MagFly module and fasten it in place with the module's mounting screws.



OPERATION

2. Check the display screen on your Magmatic device. The MagFly icon should appear at the top of the screen, as shown below.



OPERATION

3. Select the Personality icon on your Magmatic device's touch screen, then select the "MagFly Set" option to configure your MagFly module. Refer to your Magmatic device's user manual for detailed information.
4. Use the UP and DOWN keys to scroll to the "MagFly On/Off" option. Select this option, and switch this setting to ON.
5. Return to the "MagFly Set" menu, and use the UP and DOWN keys to scroll to and select the "MagFly Channel" option. Selectable values range from 0 to 14.
6. The MagFly module is now configured and ready to use. Please note, the MagFly module automatically switches between sending or receiving data, depending on whether a data input signal is detected at the device's DMX port.

SPECIFICATIONS

2.4 GHz Wireless Frequency

450m Effective Distance (open space with clear line of sight from transmitter to receiver)

Wireless DMX Function

Without Antenna:

Dimensions (LxWxH): 3.1" x 2.2" x 0.8" (80mm x 56mm x 21mm)

Weight: 3.2 oz (90g)

With Long Antenna:

Dimensions (LxWxH): 6.7" x 2.2" x 0.8" (169mm x 56mm x 21mm)

Weight: 3.5 oz (98g)

With Short Antenna:

Dimensions (LxWxH): 3.6" x 2.2" x 0.8" (91mm x 56mm x 21mm)

Weight: 3.3 oz (93g)

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC RADIO FREQUENCY INTERFERENCE WARNINGS & INSTRUCTIONS:

This equipment has been tested and found to comply with the limits for a class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device uses and can radiate radio frequency energy and, if not installed and used in accordance with the included instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

FCC STATEMENT

If this device does cause harmful interference to radio or television reception, which can be determined by turning the device off and on, the user is encouraged to try to correct the interference by one or more of the following methods:

- Reorient or relocate the device.
- Increase the separation between the device and the receiver.
- Connect the device to an electrical outlet on a circuit different from which the radio receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Please note that the changes or modifications of this product is not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



