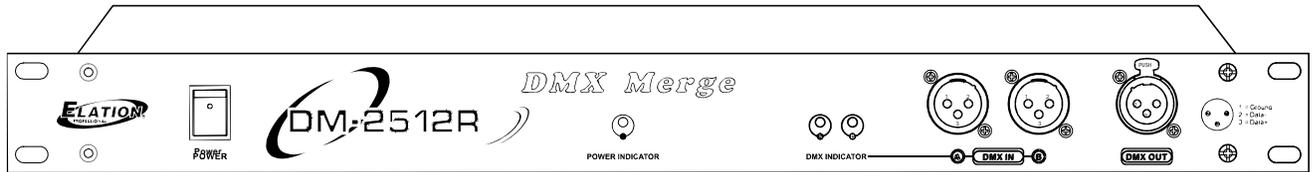




DM-2512R

USER MANUAL



Introduction

Thank you for purchasing the Elation DM-2512R. Please read the instructions in this manual carefully and thoroughly before attempting to operate this unit. These instructions contain important information regarding safety during use and maintenance. Please fill out and return the enclosed warranty card to validate your purchase.

Customer Service

Elation provides a toll free customer support line, to provide set up help and to answer any question should you encounter problems during your set up or initial operation. You may also visit us on the web at www.elationlighting.com for any comments or suggestions.

All returned service items whether under warranty or not, must be freight pre-paid and accompany a Return Authorization (RA) number. The RA number must be clearly written on the outside of the return package. Items returned without a RA number clearly marked on the outside of the package will be refused and returned at customer's expense. You may obtain a RA number by contacting customer service.

A brief description of the problem as well as the RA number must be written down on a piece of paper and included in the shipping container. If the unit is under warranty, you must also provide a copy of your proof of purchase invoice.

Customer Service hours are Monday through Friday 8:00 a.m. - 5:00 p.m. Pacific Standard Time.

Toll Free: (866) 245-6726
Phone: (323) 582-3322
Fax: (323) 832-9142

Information: info@elationlighting.com
Sales: sales@elationlighting.com
Support: support@elationlighting.com
Forum: forums.elationlighting.com/eve

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Information contained in this manual is subject to change at any time and without notice. Please contact Elation Customer Service or visit www.elationlighting.com for the latest manual revisions.



2-Year Limited Warranty

Elation® hereby warrants, to the original purchaser, Elation Professional® products to be free of manufacturing defects in material and workmanship for a period of 2 Years (730 days) on all internal parts and components and 1 Year (365 days) on labor from the date of purchase. 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.

For warranty service, send the product only to the Elation factory. All shipping charges must be prepaid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, Elation will pay return shipping charges only to a designated point within the United States except Hawaii or Alaska. If the entire instrument is sent, it must be shipped in its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, Elation shall have no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.

This warranty is void if:

- The serial number has been altered or removed
- The product is modified in any manner which Elation concludes, after inspection, affects the reliability of the product
- The product has been repaired or serviced by anyone other than the Elation factory unless prior written authorization was issued to purchaser by Elation
- The product is damaged because not properly maintained as set forth in the instruction Manual

This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check-up. During the period specified above, Elation 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 Elation under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of Elation. All products covered by this warranty were manufactured after January 1, 1990, and bear identifying marks to that effect.

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

No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by Elation in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has 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 Elation be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

This warranty is the only written warranty applicable to Elation Products and supersedes all prior

Safety

The following safety information relates to the DM-2512R. Please read each item carefully to ensure you fully understand them.

To prevent the risk of electrical shock, do not open this unit. There are no user serviceable parts inside this unit. Do not attempt any repairs yourself. Doing so will void your manufacturer's warranty. Should your unit require service, please contact your nearest Elation dealer or Elation Customer Service.

To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture. Do not remove the plug ground pin or connect to an ungrounded circuit.

This unit is not designed for use by persons under the age of 12. Use only under adult supervision. Turn off the power if not using this unit for a long time.

Description

The DM-2512R merges two DMX signal inputs, to one output. Three operation modes can be selected by using the 2 dip switch setting. The three operation modes include HTP (Highest Takes Priority) mode, Backup mode and Merge mode. When set to HTP mode, the controller with the highest channel output setting will take priority on output. HTP is most commonly used to controller dimmer channels. When set to Backup, a controller that is connected to the B input is on stand and will only take precedence if the controller connected to the A input fails. When set to Merge mode, controller signals coming into input A & B will merge to one output. 10-position dip switches are available so the starting DMX address channel can be set for the controller that is connected to input B. For example, a Stage Desk 16 is connected to input A, we would patch the controller that is connected to input B at channel 17 and also set the binary address on the DM-2512R to 17.

HTP Mode



Set dip-switch 1 and 2 to "Off" position. This unit will be in HTP (High Take Priority) mode. When two DMX signals are present, the higher DMX values for each channel (1-512) will take precedence. This may allow for some channels of input A controller to be active and other channels from input B controller to be active.

BACKUP Mode



Set dip-switch 1 to "On" and 2 to "Off" position. This unit will be in BACKUP mode. When DMX signal A is present, it will take DMX output priority. When DMX signal A is lost, DMX signal B will takes DMX output priority.

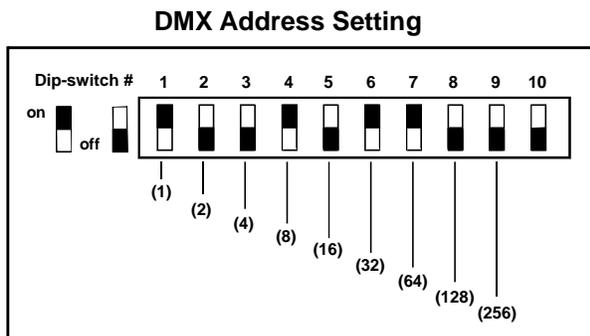
MERGE Mode



Set dip-switch 1 to "Off" and 2 to "On" position. This unit will be in MERGE mode. You can merge DMX signals A and B into a one DMX output. You must set the starting DMX address for the controller that is connected to Input B with dip switches 1-9.

Note : If you set dip-switch 1 to "On" and the others to "Off" position, all DMX channel output will start with the 1st channel of DMX signal B.

Here is a DMX Address setting diagram and a DMX Address table for reference.



DMX Address Table

DMX B START CH#	DIP-SWITCHS ON	DMX B START CH#	DIP-SWITCHS ON
1	1	11	1, 2, 4
2	2	12	3, 4
3	1, 2	13	1, 3, 4
4	3	14	2, 3, 4
5	1, 3	15	1, 2, 3, 4
6	2, 3	16	5
7	1, 2, 3	:	:
8	4	:	:
9	1, 4	:	:
10	2, 4	511	1,2,3,4,5,6,7,8,9

Operation Guide

1. With the DM-2512R's power switch OFF, connect data cables coming out of your lighting control devices into the male, DMX Inputs, of the DM-2512R. Connect data cable to the output of DM-2512 and into first DMX device in line.
2. Turn the power switch ON. Indicator LED should illuminate.
3. When signal is present to inputs A & B, DMX indicator's should illuminate for both.

4. Set your desired function mode.

1	2	MODE
		HTP
		Backup
		Merge

Technical Specifications

Power Requirement:	DC 9V, 1000mA Min.(AC/DC adaptor included)
DMX Input:	Two 3 pin XLR male sockets on the front panel (Two 3 pin XLR male sockets on the rear panel)
DMX output:	Two 3 pin XLR female sockets on the front panel (One 3 pin XLR female sockets on the rear panel)
Dimension:	482 x 73 x 44mm
Weight:	1.15 kg