



ELATION PROFESSIONAL SDC12 Portable 12-Channel DMX Light Controller User Manual

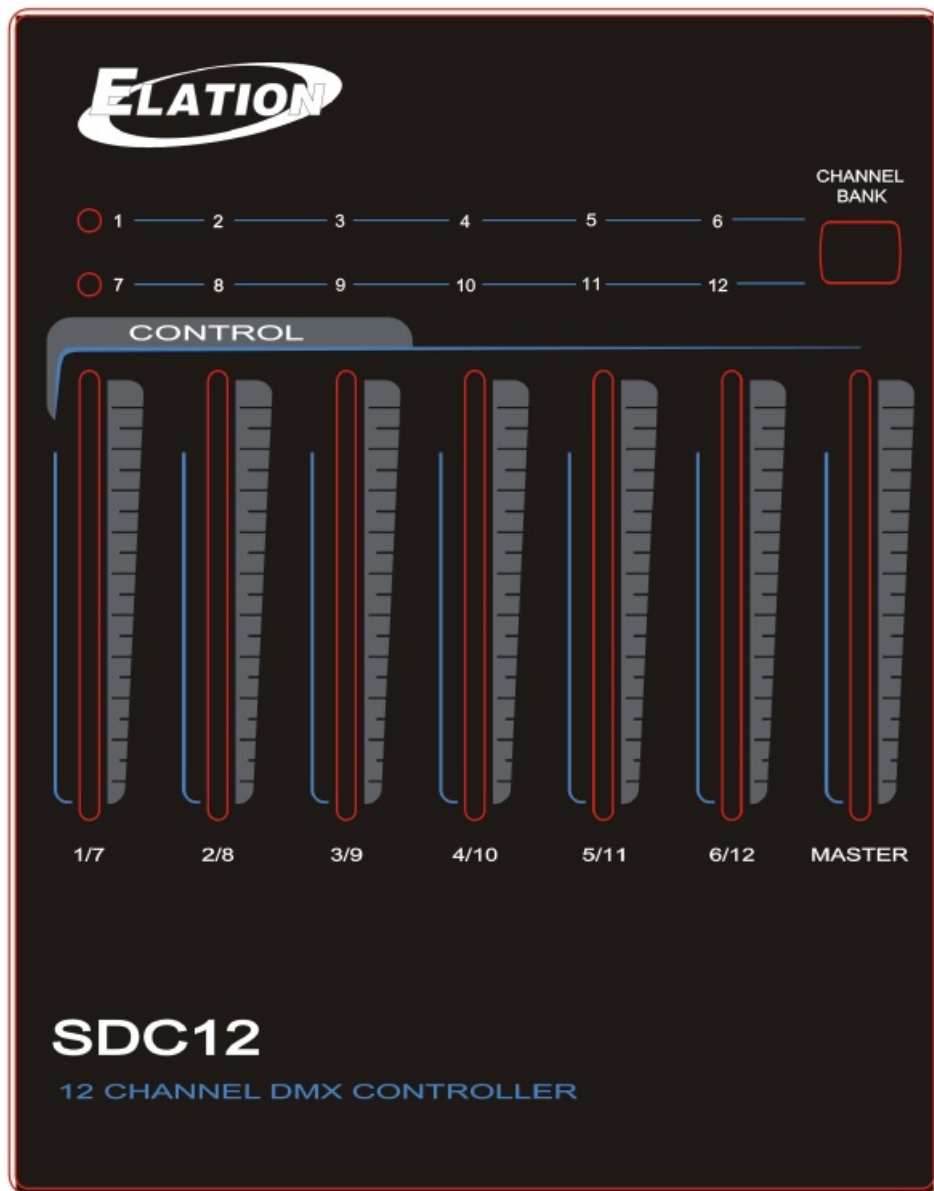
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ELATION PROFESSIONAL SDC12 Portable 12-Channel DMX Light Controller



Product Information

The SDC12™ is a lighting control device manufactured by Elation Professional. It is designed to provide control over lighting fixtures using the DMX protocol. The device is compact and lightweight, making it suitable for various lighting setups.

Product Usage Instructions

1. Manual Updates

- For the latest revision or update of the user manual, please visit www.elationlighting.com.

2. Customer Support

- If you encounter any problems during setup or initial operation, you can contact Elation's customer support through the following channels:
- **Voice:** 323-582-3322
- **Fax:** 323-832-9142
- **Email:** support@elationlighting.com.
- **Forum:** www.ElationLighting.com/forum.
- Please note that there are no user-serviceable parts inside the unit. Any repairs or modifications

attempted by the user will void the manufacturer's warranty.

3. Warranty

- The SDC12™ comes with a 2-year limited warranty. For more details about the warranty, please refer to the user manual.

4. Safety Instructions

- This device falls under PROTECTION CLASS 1. It is crucial to properly ground the device and ensure that only qualified personnel perform all electrical connections.

5. Binary DMX Patch Setting

- The device features a DIP switch for setting the DMX channel. Please refer to the user manual for the corresponding binary values for each channel.

6. Technical Specifications

- **Power Input:** The device requires a DC 12V power supply with a minimum current of 500mA or a 9V battery.
- **DMX Connectors:** The device supports both 3-pin and 5-pin XLR connectors for DMX signal output. Pin configurations are provided in the user manual.
- **Size/Weight:** The dimensions of the device are approximately 7.5 (L) x 5.9 (W) x 1.6 inches (H) or 191 (L) x 149 (W) x 41 mm (H). The net weight of the device is 2 lbs or 0.9 kg.
- **Ratings/Approvals:** The SDC12™ is CE-approved and RoHS-compliant.

PRODUCT INFORMATION

INTRODUCTION

The SDC12™ is a basic 12 Channel portable DMX controller that features 3-Pin and 5-pin XLR DMX outputs, 6 faders that control channels 1-6 or 7-12, and is powered by an external 12V power supply or standard 9V battery.

UNPACKING

Thank you for purchasing the SDC12™ by Elation Professional®. Every SDC12™ 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 appears to be damaged, carefully inspect your unit for damage and be sure all accessories necessary to operate the unit 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 unit to your dealer without first contacting customer support at the number listed below. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

BOX CONTENTS

- (1) 12V Power Supply
- Manual & Warranty Card

MANUAL UPDATES

Please check www.elationlighting.com for the latest revision/update of this manual.

CUSTOMER SUPPORT

Elation Professional® provides a customer support line, to provide set-up help and to answer any question should you encounter problems during your setup or initial operation. You may also visit us on the web at www.elationlighting.com for any comments or suggestions. For service-related issues please contact Elation Professional®. Service Hours are Monday through Friday 8:00 a.m. to 5:00 p.m. Pacific Standard Time.

- **Voice:** 323-582-3322
- **Fax:** 323-832-9142
- **E-mail:** support@elationlighting.com.
- **Forum:** www.ElationLighting.com/forum.

WARRANTY REGISTRATION

The SDC12™ carries a two-year (730 days) limited warranty. Please fill out the enclosed warranty card to validate your purchase. All returned service items whether under warranty or not, must be freight pre-paid and accompany a return authorization (R.A.) number. The R.A. number must be clearly written on the outside of the return package. A brief description of the problem as well as the R.A. number must also be written down on a piece of paper and included in the shipping container. If the unit is under warranty, you must provide a copy of your proof of purchase invoice. Items returned without an R.A. number clearly marked on the outside of the package will be refused and returned at the customer's expense. You may obtain an R.A. number by contacting customer support at 323-582-3322.

IMPORTANT NOTICE

There are no user-serviceable parts inside this unit. Do not attempt any repairs yourself; doing so will void your manufacturer warranty. Damages resulting from modifications to this fixture and/or the disregard of safety and general user instructions found in this user manual void the manufacturer warranty and are not subject to any warranty claims and/or repairs.

2-YEAR LIMITED WARRANTY

- **A.** Elation Professional® hereby warrants, to the original purchaser, Elation Professional® products to be free of manufacturing defects in material and workmanship for a period of two years, (730 days) 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.
- **B.** For warranty service, send the product only to the Elation Professional® factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, Elation Professional® will pay return shipping charges only to a designated point within the United States. 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 Professional® shall have no liability what so ever for loss of or damage to any such accessories, nor for the safe return thereof.
- **C.** This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which Elation Professional® concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the Elation Professional® factory unless prior written authorization was issued to purchaser by Elation Professional®; if the product is damaged because not properly maintained as set forth in the instruction manual.
- **D.** This is not a service contract, and this warranty does not include maintenance, cleaning, or periodic check-ups. During the period specified above, Elation Professional® 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 Professional® under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of Elation Professional®. All products covered by this warranty were manufactured after January 1, 1990, and bear identifying marks to that effect.

- **E.** Elation Professional® 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.
- **F.** 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 Professional® 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 Professional® be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.
- **G.** This warranty is the only written warranty applicable to Elation Professional® Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

SAFETY INSTRUCTIONS



This device falls under PROTECTION CLASS 1. It's essential this device is grounded properly, and only qualified personnel perform all electrical connections.

- This device must be grounded.
- This device is intended for indoor use only.
- To prevent fire, shock, or hazard, DO NOT expose to water and/or high levels of humidity.
- Please use the original packaging and materials to transport the device in for service.



PRODUCT OVERVIEW

1. **POWER IN** – DC 12V power supply input.
2. **POWER SWITCH** – Used to power the device ON or OFF.
3. **BINARY DMX PATCH** – DIP switches to set starting DMX Channel.
4. **3-PIN DMX OUT** – Sends DMX signal to the attached lighting device.
5. **5-PIN DMX OUT** – Sends DMX signal to the attached lighting device.
6. **CHANNEL BANK** – Button toggles between banks 1-6 and 7-12.
7. **MASTER SLIDER** – Controls total DMX output values of channels 1-6 when in Channel Bank 1-6, and channels 7-12 when in Channel Bank 7-12.
8. **FADERS (1/7, 2/8, 3/9, 4/10, 5/11, 6/12)** – Direct control over corresponding dimmers of channels 1-6 when in Channel Bank 1-6, and channels 7-12 when in Channel Bank 7-12.
9. **CHANNEL BANK LED** – Indicates Channel Bank selected; 1-6 or 7-12.
10. **BATTERY TRAY** – Houses standard 9V DC Battery (not included).

BINARY DMX PATCH SETTING

DIP SWITCH ON	=DM X CHANNEL
1	1
2	2
3	4
4	8
5	1 6
6	3 2
7	6 4
8	1 2 8
9	2 5 6
1 0	N / A

TECHNICAL SPECIFICATIONS

POWER INPUT	
Voltage Requirements	DC 12V 500mA min / 9V Battery
DMX CONNECTORS	
3-PIN XLR: [+] = Pin 3, [-] = Pin 2, [Ground] = Pin 1	
5-PIN XLR: [open] = Pin 5, [open] = Pin 4, [+] = Pin 3, [-] = Pin 2, [Ground] = Pin 1	
SIZE / WEIGHT	
Dimensions	7.5 (L) x 5.9 (W) x 1.6 inches (H) 191 (L) x 149 (W) x 41 mm (H)
Weight (net)	2 lbs / 0.9kgs
RATINGS / APPROVALS	
CE	Approved
RoHs	Compliant

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice. SDC12™ User Manual 1.0

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SDC12, SDC12 Portable 12-Channel DMX Light Controller, Portable 12-Channel DMX Light Controller, 12-Channel DMX Light Controller, DMX Light Controller, Light Controller, Controller

References

- [Elation Professional - Professional Lighting Products](#)
- [Emulation Control Software | EMU100](#)
- [Elation Professional EUROPE - Professional Lighting Products](#)
- [Search - Manual-Hub.com](#)