



**SDC12™**

## ***User Manual 1.0***

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### INTRODUCTION

The **SDC12<sup>TM</sup>** is a basic 12 Channel portable DMX controller which features 3-Pin and 5-Pin XLR DMX outputs, 6 faders which controls 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<sup>TM</sup>** by **Elation Professional®**. Every **SDC12<sup>TM</sup>** 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 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](http://www.elationlighting.com) for the latest revision/update of this manual.

### CUSTOMER SUPPORT

If you encounter any problems, please contact your trusted American Audio shop.

We also offer the possibility, to contact us directly: You can contact us via our website [www.elationlighting.com](http://www.elationlighting.com) or via email: [support@elationlighting.com](mailto:support@elationlighting.com)

### **IMPORTANT NOTICE!**

**There are no user serviceable parts inside this unit. Do not attempt any repairs yourself; doing so will void your manufactures 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 manufactures warranty and are not subject to any warranty claims and/or repairs.**

## 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 humidity.
- Please use the original packaging and materials to transport the device in for service.

## PRODUCT OVERVIEW



## PRODUCT OVERVIEW (continued)

- 1: POWER IN** - DC 12V power supply input.
- 2: POWER SWITCH** - Used to power device ON or OFF.
- 3: BINARY DMX PATCH** - DIP switches to set starting DMX Channel.
- 4: 3-PIN DMX OUT** - Sends DMX signal to attached lighting device.
- 5: 5-PIN DMX OUT** - Sends DMX signal to 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	= DMX CHANNEL
1	1
2	2
3	4
4	8
5	16
6	32
7	64
8	128
9	256
10	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.

## ROHS - A great Contribution to the Conservation of Environment

Dear Customer,

The European Union has adopted a directive on the restriction / prohibition of the use of hazardous substances. This directive, referred to as ROHS, is a frequently discussed topic in the electronic industry.

It restricts, among other things, six materials: Lead (Pb), Mercury (Hg), hexavalent chromium (CR VI), cadmium (Cd), polybrominated biphenyls as flame retardant (PBB), polybrominated diphenyl, also a flame retardant (PBDE). The directive applies to nearly all electronic and electrical devices whose mode of operation involves electric or electromagnetic fields – in short: each kind of electronics we have around us in our households or at work.

As manufacturers of products of the brands of AMERICAN AUDIO, AMERICAN DJ, ELATION Professional and ACCLAIM Lighting, we are obligated to comply with the RoHS directive. Therefore, as early as two years prior to the directive coming into force, we started our search for alternative environmentally friendly materials and manufacturing processes.

Well before the RoHS directive took effect, all of our products were manufactured meeting the standards of the European Union. With regular audits and material tests we can still assure that the components we use are always RoHS-compliant and that the manufacturing process, as far as the state of technology allows, is environmentally friendly.

The ROHS directive is an important step to the protection of our environment. We, as manufactures, feel obligated to make our contribution in this respect.

## WEEE – Waste of Electrical and Electronic Equipment

Every year thousands of tonnes of electronic components, which are harmful to the environment, end up at the waste disposals around the world. To ensure the best possible disposal or recovery of electronic components, the European Union has adopted the WEEE directive.

The WEEE-system (Waste of Electrical and Electronic Equipment) can be compared with the system of the “Green Spot”, which has been in use for several years. The manufactures have to make their contribution to the utilization of waste at the time they release the product. Money resources obtained by doing so will be applied to develop a common system of waste management. Thereby we can ensure professional and environmentally friendly scraping and recycling program.

As manufactures, we are part of the German system of EAR and we make our contribution towards it.

(Registration in Germany: DE41027552)

That means that products of AMERICAN DJ and AMERICAN AUDIO can be left in the collection points free of charge and they will be used in the recycling program. Products of ELATION Professional, which are used only by professionals, shall be handled by us. Please send Elation products directly to us at the end of their lifetime so that we can professionally dispose of them.

Like the above ROHS, the WEEE directive is an important contribution to the environment protection and we are glad to help to clean the environment with this disposal system.

We are happy to answer any of your inquiries and welcome your suggestions at: [info@americandj.eu](mailto:info@americandj.eu)

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