adj SDC6

Elation Professional SDC-6 v2 DMX Controller User Manual

Model: SDC6

1. INTRODUCTION

The Elation Professional SDC-6 v2 is a compact and versatile 6-channel DMX controller designed for easy operation of DMX-compatible lighting fixtures. It features six individual channel faders and one master fader, providing intuitive control over various lighting effects. This manual provides essential information for the safe and efficient use of your SDC-6 v2 controller, including setup, operation, maintenance, and troubleshooting.

2. SAFETY INSTRUCTIONS

Please read these safety instructions carefully before operating the device. Failure to comply may result in damage to the unit, property, or personal injury.

- Always connect the device to a grounded power outlet.
- Ensure the power adapter's voltage matches the local power supply.
- Do not expose the unit to rain, moisture, or excessive humidity.
- Avoid placing the unit near heat sources or in direct sunlight.
- Do not operate the unit if the power cord is damaged.
- Refer all servicing to qualified service personnel. There are no user-serviceable parts inside.
- Disconnect power before cleaning or performing any maintenance.

3. PACKAGE CONTENTS

Verify that all items listed below are present and in good condition upon opening the package:

- Elation Professional SDC-6 v2 DMX Controller
- 9V Power Adapter
- User Manual (this document)

4. SETUP

Follow these steps to set up your SDC-6 v2 DMX controller:

1. **Placement:** Place the controller on a stable, flat surface away from excessive heat, moisture, or dust.

2. **DMX Connection:** Connect the 3-pin DMX output connector of the SDC-6 v2 to the DMX input of your first DMX-compatible lighting fixture. If you have multiple fixtures, daisy-chain them by connecting the DMX output of the first fixture to the DMX input of the second, and so on.

3. **Power Connection:** Insert the 9V power adapter into the power input jack on the controller. Plug the power adapter into a suitable electrical outlet. The power indicator LED on the controller should illuminate.
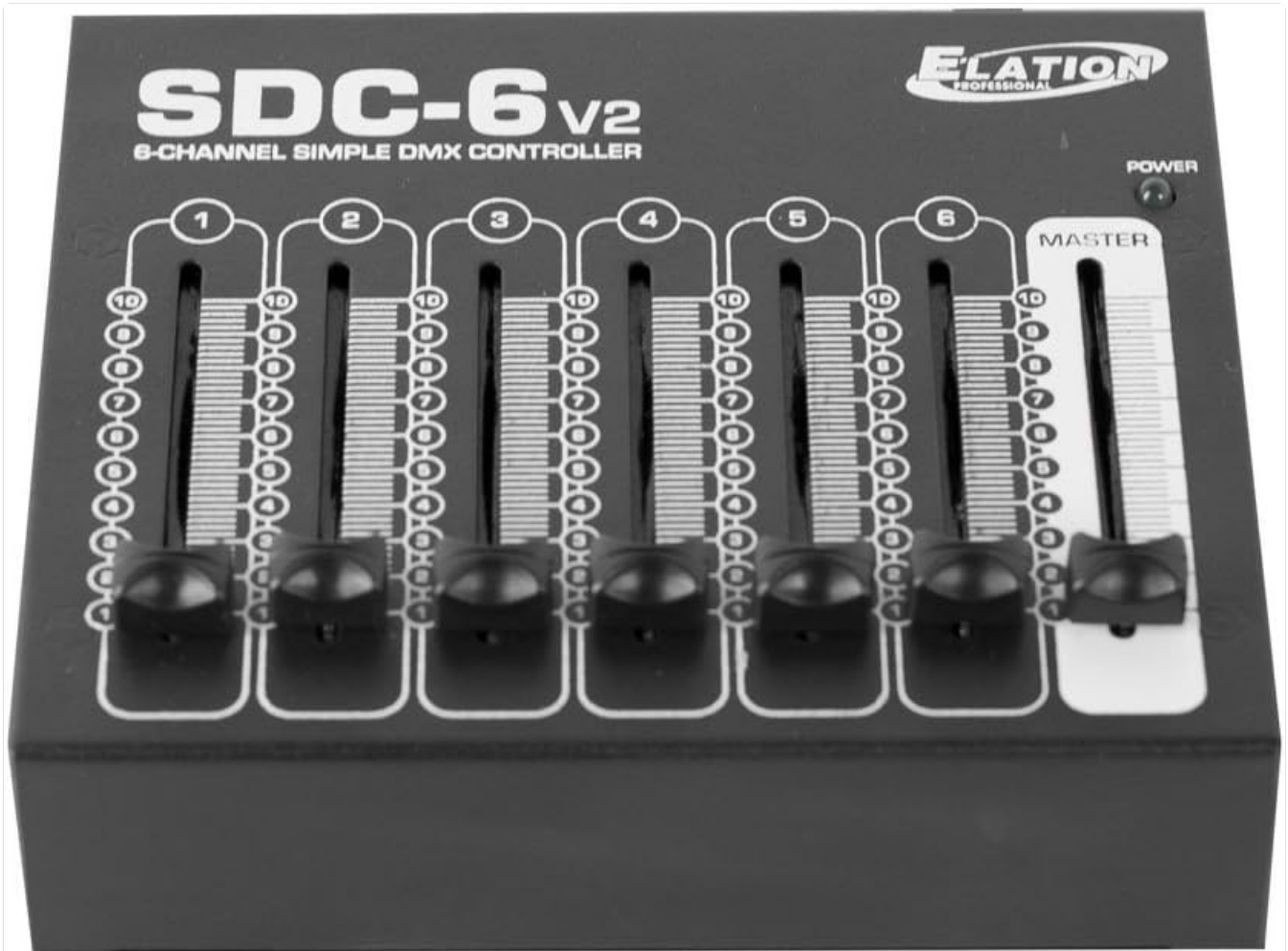

Figure 4.1: Top view of the Elation SDC-6 v2 DMX Controller, showing the six channel faders, master fader, and power indicator.

Figure 4.2: Side view of the Elation SDC-6 v2 DMX Controller, illustrating the battery compartment for optional portable power (battery not included for primary operation).

5. OPERATING INSTRUCTIONS

The SDC-6 v2 provides straightforward control over your DMX lighting fixtures.

5.1. Channel Faders (1-6)

Each of the six numbered faders (1 through 6) corresponds to a DMX channel. Moving a fader up increases the DMX value for that channel (from 0 to 255), while moving it down decreases the value. The specific function of each channel (e.g., dimmer, color, strobe) depends on the DMX address and mode settings of your connected lighting fixture.

5.2. Master Fader

The Master fader controls the overall output level of all active DMX channels. Moving the Master fader down will dim or turn off all lights controlled by the individual channel faders, regardless of their individual settings. Moving it up will restore the output to the levels set by the individual channel faders.

5.3. Power Indicator

The Power indicator LED illuminates when the unit is receiving power, indicating it is ready for operation.

6. MAINTENANCE

Proper maintenance ensures the longevity and reliable operation of your SDC-6 v2 controller.

- **Cleaning:** Use a soft, dry cloth to wipe the exterior of the unit. Do not use abrasive cleaners, solvents, or harsh chemicals.
- **Storage:** When not in use for extended periods, store the controller in a cool, dry place, protected from dust and extreme temperatures.
- **Power:** Always disconnect the power adapter when the unit is not in use or before cleaning.

7. TROUBLESHOOTING

If you encounter issues with your SDC-6 v2 controller, refer to the following common problems and solutions:

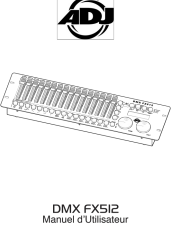| Problem	Possible Cause	Solution
No power indicator light	Power adapter not connected or faulty; power outlet not active.	Ensure power adapter is securely connected to the unit and a working outlet. Test the outlet with another device.
Lights not responding to faders	Incorrect DMX connection; Master fader is down; DMX address mismatch on fixtures; fixture not in DMX mode.	Check DMX cable connections. Ensure Master fader is up. Verify DMX addresses on fixtures match the channels being controlled. Confirm fixtures are set to DMX mode.
Intermittent control	Loose DMX cable connection; DMX signal interference.	Secure all DMX cable connections. Use high-quality DMX cables. Avoid running DMX cables parallel to power cables.

8. SPECIFICATIONS
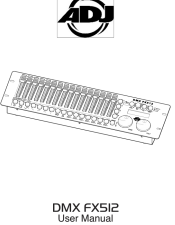
Model	SDC6
Brand	Elation Professional (ADJ)
Channels	6 DMX Channels + 1 Master Fader
DMX Connector	3-pin XLR DMX Output
Power Supply	9V DC (via included power adapter)
Dimensions (L x W x H)	173 mm x 153 mm x 55 mm (6.81 in x 6.02 in x 2.17 in)
Weight	1 kg (2.2 lbs)
Color	Black
Country of Origin	China

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official Elation Professional website. Keep your proof of purchase for warranty claims.

For further assistance, you may contact the seller or manufacturer directly. Contact details are typically available on their respective websites or on your purchase invoice.

Related Documents - SDC6

	ADJ DMX Operator 384 Lighting Controller User Manual Comprehensive user manual for the ADJ DMX Operator 384, a versatile DMX and MIDI lighting controller. This guide details its features, front and rear panel controls, operation, scene programming, chase sequences, MIDI functionality, and technical specifications.
	ADJ DMX FX512 Manuel d'Utilisateur Ce manuel d'utilisateur fournit des instructions détaillées sur l'utilisation, la configuration et la maintenance du contrôleur d'éclairage professionnel ADJ DMX FX512. Découvrez ses caractéristiques, ses fonctionnalités DMX et RDM, et comment optimiser vos spectacles lumineux.
	ADJ DMX Operator User Manual: Lighting Control Guide Comprehensive user manual for the ADJ DMX Operator, detailing controls, functions, programming scenes and chases, DMX addressing, MIDI operation, and troubleshooting for stage lighting control.
	Obsidian NX1 Installation Guide This guide provides comprehensive instructions for installing and operating the Obsidian NX1 lighting controller, covering features, specifications, safety, connections, maintenance, and dimensions.
	ADJ DMX FX512 User Manual: Professional DMX Lighting Controller User manual for the ADJ DMX FX512, a 19-inch rack-mount DMX controller for professional lighting applications. Covers features, operation, DMX setup, and maintenance.
	Pioneer DJ rekordbox Lighting Fixture Compatibility Guide A comprehensive guide detailing lighting fixtures compatible with Pioneer DJ's rekordbox software, listing manufacturers and models for DMX-controlled stage and event lighting.

[pdf] User Manual Diagram

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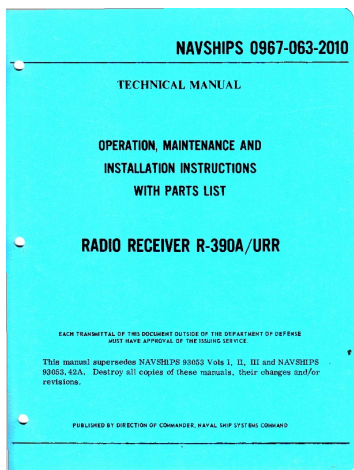
SDC-6 V2 Controlador DMX simple de 6 canales Manual de usuario frontal posterior Rev 1.01 A.D.J. Supply Europe B.V. Junostraat 2 6468 EW Kerkrade Pases Bajos www.americandj.eu 2013 ADJ Products, LLC todos los derechos reservados. La informacin, especificaciones, diagramas, imgenes e instruccio...

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[pdf] User Manual Instructions Parts List

R 390A URR Receiver Technical Manual NAVSHIPS 0967 063 2010 April 1970 US Navy scanned by navy radio r390a 7004 Index of manuals |||

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[pdf] Datasheet Guide

PIC32MK General Purpose and Motor Control GPK GPL MCM Family Data Sheet GENERAL PURPOSE AND MOTOR CONTROL GPG MCJ WITH CAN FD FAMILY 32 bit Application MCUs with FPU ECC Flash up to 1 MB Live Update 256 KB SRAM 4 EEPROM Op amps VBAT XLP Technology PIC PIC32 DS60001570D DS60001570 DS60001570A DS60001570B DS60001570C 60001570 Microchip Inc pic32mk general purpose motor control gpg mcj Mouser Non intrusive hardware based instruction trace Software Tools Support User s Guide DS50001616 WII Wait IE Ignore With 2079779 pl mouser datasheet 2 268
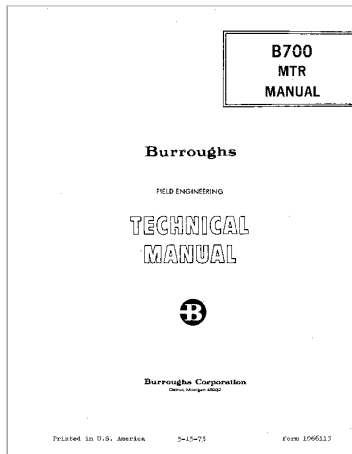
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FIELD ENGINEERING

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Burroughs Corporation
Detroit, Michigan 48232

Printed in U.S. America   5-15-75   Form 1066115

[pdf] User Manual Documentation

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