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## Lite-Puter CX-3B

# Lite-Puter CX-3B 12-Channel DMX Lighting Console User Manual

Model: CX-3B

## 1. INTRODUCTION

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The Lite-Puter CX-3B is a 12-channel DMX 512 lighting console designed for controlling various DMX-compatible lighting fixtures. It features dual signal output, enabling versatile control over your lighting setup. The console is equipped with dedicated controls for scene recall, scene memory, chaser programming, and cross-fade functions, making it suitable for a range of live sound and stage applications.

### Key Features:

- Dual DMX 512 signal output with 512 channels.
- 1000 scene memories for storing lighting states.
- 12 hot keys for quick scene recall.
- Ability to save 512 groups of chasers, each containing up to 256 steps.
- Two cross-fade faders for smooth scene transitions.
- Audio control input for sound-to-light synchronization.

## 2. SAFETY INFORMATION

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Please read and understand all safety instructions before operating the Lite-Puter CX-3B console. Retain this manual for future reference.

- **Electrical Safety:** Only use the provided DC 12V power adapter. Do not expose the unit to rain or moisture. Ensure proper grounding.
- **Ventilation:** Ensure adequate ventilation around the console to prevent overheating. Do not block ventilation openings.
- **Placement:** Place the console on a stable, flat surface. Avoid placing it near heat sources or in direct sunlight.
- **Liquid Exposure:** Do not expose the console to liquids. If liquid enters the unit, disconnect power immediately and contact qualified service personnel.
- **Servicing:** Do not attempt to service this unit yourself. Refer all servicing to qualified personnel.
- **Indoor Use Only:** This device is intended for indoor use only.

### 3. PACKAGE CONTENTS

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Verify that all items are present in the package:

- Lite-Puter CX-3B DMX Lighting Console
- DC 12V Power Adapter
- User Manual (this document)

### 4. PRODUCT OVERVIEW

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#### 4.1 Front Panel Controls



The image above displays the front panel of the Lite-Puter CX-3B console. It features 12 individual channel faders, a SPEED fader, and two CROSS FADE faders (A and B). To the right, a numeric keypad and various function buttons (SC, CH, FUNC, ENTER, REC, MASTER, CL, AT) are visible, along with an LCD display for status and programming information. Below the channel faders are 12 scene recall hot keys.

## 4.2 Rear Panel Connections



The image above shows the rear panel of the Lite-Puter CX-3B console. From left to right, you can see the ON/OFF power switch, the DC 12V power input jack, an AUDIO INPUT (100mV) jack, and two DMX OUT ports (one 3-pin XLR and one 5-pin XLR). Product identification labels are also present.

## 5. SETUP

### 5.1 Power Connection

1. Ensure the console's power switch (located on the rear panel) is in the **OFF** position.
2. Connect the DC 12V power adapter to the DC 12V IN jack on the rear panel.
3. Plug the power adapter into a suitable electrical outlet.

### 5.2 DMX Connections

1. Connect a DMX cable from one of the DMX OUT ports (3-pin or 5-pin XLR) on the console's rear panel to the DMX IN port of your first DMX lighting fixture.
2. For multiple fixtures, daisy-chain them by connecting the DMX OUT of the first fixture to the DMX IN of the next, and so on.
3. Ensure all DMX fixtures are properly addressed according to their respective manuals to correspond with the console's channels.

### 5.3 Audio Input (Optional)

If you intend to use the audio control feature, connect an audio source (e.g., a mixer output) to the AUDIO INPUT (100mV) jack on the rear panel using a standard 1/4-inch (6.35mm) audio cable.

## 6. OPERATING INSTRUCTIONS

### 6.1 Powering On/Off

To power on the console, flip the ON/OFF switch on the rear panel to the **ON** position. The LCD display will illuminate. To power off, flip the switch to the **OFF** position.

### 6.2 Basic DMX Control

Adjust the 12 channel faders on the front panel to control the intensity or other parameters of your DMX lighting fixtures. Each fader corresponds to a DMX channel. The MASTER fader controls the overall output level.

### 6.3 Scene Programming

The CX-3B allows you to store up to 1000 scenes. To program a scene:

1. Set the desired lighting levels using the channel faders.
2. Press the **REC** button. The REC indicator may flash.
3. Press one of the 12 scene hot keys (buttons 1-12 below the faders) to save the current lighting state to that scene memory location.

4. To recall a saved scene, simply press the corresponding scene hot key.

## 6.4 Chaser Programming

The console supports saving 512 groups of chasers, each with up to 256 steps. Refer to the detailed programming section in the full manual for specific steps on creating and editing chasers using the numeric keypad and function buttons.

## 6.5 Cross-fade Function

Use the two **CROSS FADE** faders (A and B) to smoothly transition between two different scenes or lighting states. This allows for gradual changes in your lighting design.

## 6.6 Audio Control

When an audio source is connected to the AUDIO INPUT, the console can synchronize lighting effects with the beat or dynamics of the music. Specific settings for audio sensitivity and effect triggering can be adjusted via the console's menu system (refer to the full manual for details).

# 7. MAINTENANCE

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## 7.1 Cleaning

To clean the console, use a soft, dry, lint-free cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the finish and internal components.

## 7.2 Storage

When not in use, store the console in a cool, dry place, away from direct sunlight and extreme temperatures. If transporting, use appropriate protective casing.

# 8. TROUBLESHOOTING

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- **No Power:**
  - Ensure the DC 12V power adapter is securely connected to both the console and a working electrical outlet.
  - Verify the power switch on the rear panel is in the ON position.
  - Test the power outlet with another device.
- **No DMX Output / Lights Not Responding:**
  - Check all DMX cable connections between the console and fixtures.
  - Ensure DMX cables are not damaged.
  - Verify that your lighting fixtures are correctly addressed to match the DMX channels being controlled by the console.
  - Confirm that the MASTER fader on the console is raised.
- **Unexpected Behavior:**
  - Power cycle the console (turn off, wait 10 seconds, then turn on).
  - If issues persist, consult the full product manual or contact technical support.

# 9. SPECIFICATIONS

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<b>Model</b>	CX-3B
<b>DMX Channels</b>	512 (Dual Output)
<b>Scene Memories</b>	1000
<b>Chaser Groups</b>	512 (256 steps each)
<b>Cross-fade Faders</b>	2
<b>Audio Input</b>	100mV (1/4-inch jack)
<b>Power Supply</b>	DC 12V
<b>Dimensions (L x W x H)</b>	19 x 2.1 x 6.9 inches (48.26 x 5.33 x 17.53 cm)
<b>Weight</b>	5 pounds (2.27 kg)
<b>Manufacturer</b>	Lite-Puter
<b>Date First Available</b>	November 16, 2020

## 10. WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact your authorized Lite-Puter dealer or distributor. Keep your proof of purchase for warranty claims.