Showlite 00028353

Showlite DMX Master Pro USB Controller User Manual

Model: 00028353

1. INTRODUCTION

The Showlite DMX Master Pro USB Controller is an advanced tool designed for lighting professionals and enthusiasts. This DMX controller provides exceptional flexibility and precision for managing lighting configurations. Featuring a USB interface, it allows for easy connection to a computer for intuitive programming and control via dedicated software.

2. SAFETY INFORMATION

Please read and understand all safety instructions before operating the device. Retain this manual for future reference.

- **Power Supply:** Use only the provided power adapter. Ensure the voltage matches the device requirements.
- **Ventilation:** Do not block ventilation openings. Ensure adequate airflow around the unit to prevent overheating.
- **Moisture:** Keep the device away from water, moisture, and high humidity. Do not operate with wet hands.
- **Cleaning:** Disconnect power before cleaning. Use a dry, soft cloth. Do not use liquid cleaners.
- **Servicing:** Do not attempt to service this unit yourself. Refer all servicing to qualified personnel.
- **Placement:** Place the unit on a stable, level surface. Avoid extreme temperatures or direct sunlight.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Showlite DMX Master Pro USB Controller

- Power Adapter (9V DC, 300 mA)
- User Manual

4. PRODUCT FEATURES

- 192 DMX channels for comprehensive lighting control.
- USB port for data storage and easy connection to a computer.
- Supports up to 12 DMX devices, each with a maximum of 16 channels, including LED control devices.
- Maximum 240 scene memories (organized into 30 banks of 8 memories).
- 6 programmable chases for dynamic lighting sequences.
- Joystick control for precise Pan and Tilt adjustments.
- Eight channel faders with two pages (Page A: Channels 1-8, Page B: Channels 9-16).
- Dedicated faders for Wait Time and Fade Time to control scene transitions.
- Two eight-digit displays for clear status indication.
- Integrated control for fog machines.
- DMX output via 3-pin XLR connector.
- Standard five-pin MIDI input interface.
- Audio input options: integrated microphone or line input (RCA).
- 19-inch rack mountable design (1 HE).

5. SETUP

5.1 Front Panel Overview

The front panel provides access to all primary controls for DMX programming and operation.

Figure 5.1: Front view of the Showlite DMX Master Pro USB Controller, displaying the scanner buttons, scene buttons, channel faders, joystick, and chase controls.

5.2 Rear Panel Connections

All external connections are located on the rear panel of the controller.

Figure 5.2: Rear panel of the Showlite DMX Master Pro USB Controller, showing USB, Audio, MIDI, DMX Out, Fog Machine, DC Input, and Power connections.

5.3 Connecting the Controller

1. **Power Connection:** Connect the provided 9V DC power adapter to the 'DC INPUT' port on the rear panel. Plug the adapter into a suitable power outlet.

2. **DMX Output:** Connect your DMX-compatible lighting fixtures to the 'DMX OUT' 3-pin XLR port using a standard DMX cable. Ensure correct DMX polarity selection if applicable.

3. **USB Connection:** For computer control or data storage, connect a USB cable (Type A) to the 'USB' port on the rear panel.

4. **MIDI Input:** If using MIDI control, connect your MIDI device to the 'MIDI1' 5-pin DIN port.

5. **Audio Input:** For sound-activated functions, connect an audio source to the 'AUDIO' RCA input or utilize the integrated microphone.

6. **Fog Machine:** Connect a compatible fog machine to the 'FOG MACHINE' port for integrated control.

7. **Power On:** Flip the 'POWER' switch to the ON position. The display should illuminate.

6. OPERATING INSTRUCTIONS

This section outlines the basic operation of the Showlite DMX Master Pro USB Controller.

6.1 Selecting Scanners (Fixtures)

Use the 'SCANNERS' buttons (1-12) to select the DMX fixtures you wish to control. Multiple fixtures can be selected simultaneously.

6.2 Adjusting Channels

The eight channel faders control DMX channels 1-8 (Page A) or 9-16 (Page B). Use the 'PAGE SELECT' button to switch between Page A and Page B. Adjust the faders to set the desired DMX values for the selected fixtures.

6.3 Pan and Tilt Control

The joystick allows for precise control of Pan and Tilt functions for moving head fixtures. Ensure the fixture's Pan/Tilt channels are assigned correctly.

Figure 6.1: Close-up of the control section, highlighting the joystick for Pan/Tilt, the display, and chase selection buttons.

6.4 Programming Scenes

The controller supports up to 240 scene memories (30 banks of 8 scenes). To program a scene:

1. Select the desired fixtures using the 'SCANNERS' buttons.
2. Adjust the channel faders and joystick to create the desired lighting state.
3. Press the 'PROGRAM' button.
4. Select a 'BANK' (1-30) using the BANK UP/DOWN buttons.
5. Press one of the 'SCENES' buttons (1-8) to save the current lighting state to that scene memory.

6.5 Running Chases

The controller features 6 programmable chases. Chases are sequences of scenes.

1. To program a chase, enter 'PROGRAM' mode.
2. Select a 'CHASE' button (1-6).
3. Add scenes to the chase by selecting them from the 'SCENES' buttons.
4. Exit 'PROGRAM' mode.
5. To run a chase, press the corresponding 'CHASE' button.

6.6 Wait Time and Fade Time

Use the 'WAIT TIME' and 'FADE TIME' faders to adjust the duration of each step in a chase and the transition time between scenes, respectively.

6.7 Fog Machine Control

The integrated fog machine control allows for activation of a connected fog machine. Refer to the fog machine's manual for specific DMX channel assignments if applicable.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your DMX controller.

- **Cleaning:** Periodically wipe the exterior of the unit with a soft, dry, lint-free cloth. Do not use abrasive cleaners, solvents, or chemical sprays.
- **Storage:** When not in use for extended periods, store the controller in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Inspection:** Regularly check cables and connections for any signs of wear or damage. Replace damaged cables immediately.

8. Troubleshooting

If you encounter issues with your Showlite DMX Master Pro USB Controller, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Controller does not power on.	No power, faulty adapter, power switch off.	Ensure power adapter is securely connected and plugged into a live outlet. Check power switch. Test with another outlet.
DMX fixtures are not responding.	Incorrect DMX addressing, faulty DMX cable, DMX terminator missing, fixture not in DMX mode.	Verify DMX addresses on fixtures match controller settings. Check DMX cable for damage. Ensure DMX terminator is used at the end of the DMX chain. Confirm fixtures are set to DMX mode.
USB connection not recognized by computer.	Faulty USB cable, driver not installed, incorrect USB port.	Try a different USB cable and port. Install necessary drivers for the controller if required by your operating system or software.
Scenes or chases are not playing correctly.	Incorrect programming, Wait/Fade times set too long/short.	Review your scene and chase programming steps. Adjust Wait Time and Fade Time faders.

9. Specifications

Model Number	00028353
Brand	Showlite
DMX Channels	192

Max DMX Devices	12 (max 16 channels each)
Scene Memories	240 (30 banks of 8)
Programmable Chases	6
DMX Output	3-pin XLR
MIDI Input	5-pin standard
USB Connector	Type A
Audio Input	Integrated microphone or Line In (RCA)
Power Supply	9V DC, 300 mA
Dimensions (L x W x H)	482 x 134 x 73 mm (19-inch rack mountable, 1 HE)
Weight	1.5 kg
Color	Black
Device Compatibility	Laptop, PC/Mac
Country of Origin	China

10. WARRANTY AND SUPPORT

Information regarding specific warranty terms and customer support for the Showlite DMX Master Pro USB Controller is not available in the provided product data. Please refer to the product packaging or the manufacturer's official website for detailed warranty information and support contacts.