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› [MAD OWL](#) /

› MAD OWL DMX512 Light Controller 192 Channel User Manual

MAD OWL WK-192

MAD OWL DMX512 Light Controller 192 Channel User Manual

Model: WK-192 | Brand: MAD OWL

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, and programming of your MAD OWL DMX512 192 Channel Light Controller. This device is designed to offer comprehensive control over various DMX-compatible stage and DJ lighting fixtures, enabling dynamic and customized light shows.

2. SAFETY INSTRUCTIONS

- Ensure the controller is connected to a grounded power outlet.
- Do not expose the unit to rain or moisture.
- Avoid operating the unit in extreme temperatures or dusty environments.
- Do not attempt to service the unit yourself. Refer all servicing to qualified personnel.
- Always disconnect power before making any connections or disconnections.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- MAD OWL DMX512 192 Channel Light Controller
- Power Adapter
- 2m (6.6 ft) DMX Cable
- User Manual

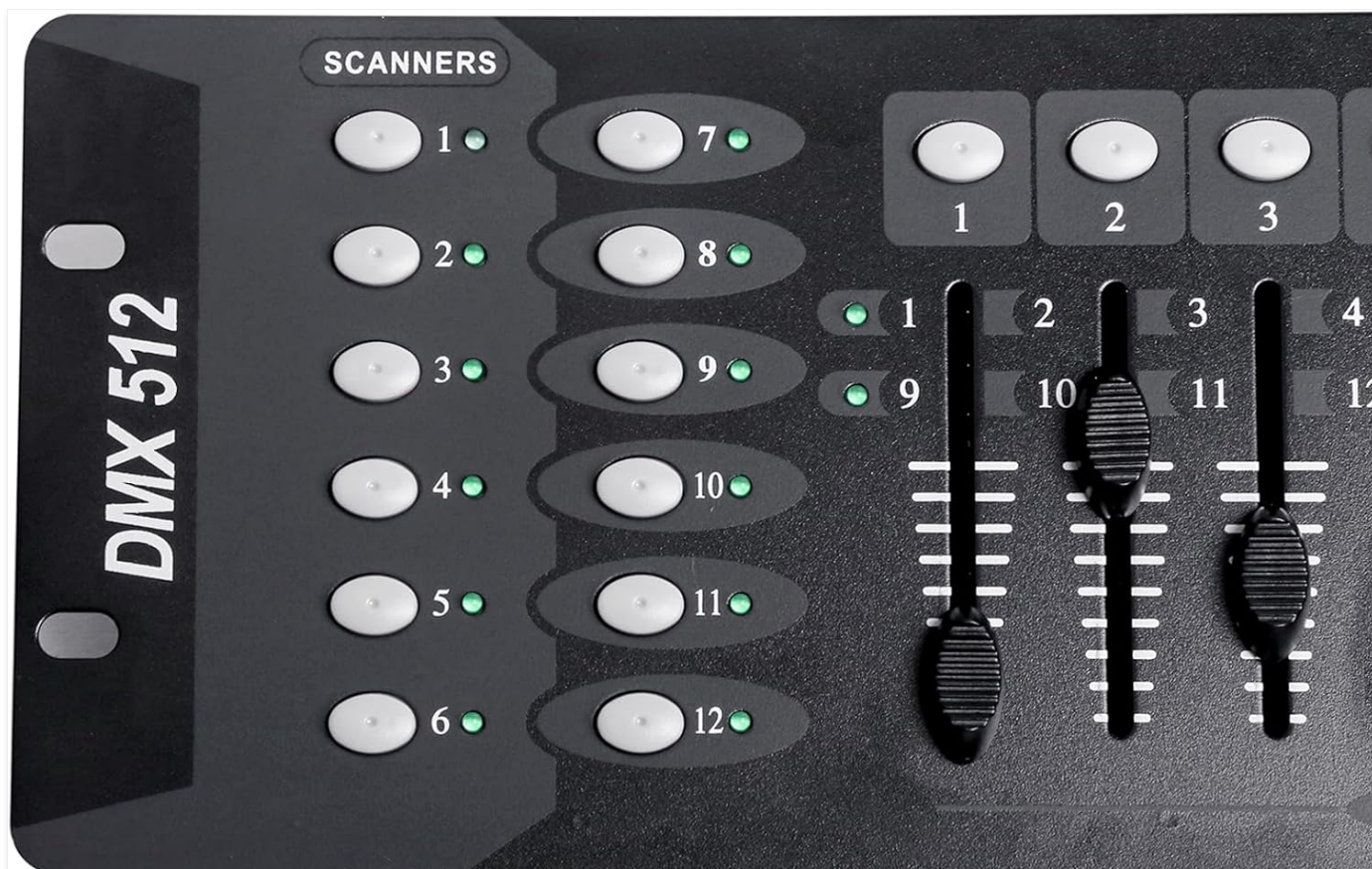


This image displays the MAD OWL DMX512 192 Channel Light Controller, along with its essential accessories: a power adapter and a 2-meter DMX cable. The controller features a black casing with clearly labeled buttons and faders.

4. PRODUCT OVERVIEW AND COMPONENTS

The MAD OWL DMX512 192 Channel Light Controller is designed for intuitive control of DMX lighting fixtures. It features a user-friendly interface with faders, buttons, and a digital display.

4.1 Front Panel Controls



A close-up of the left side of the controller, featuring the Scanner buttons (1-12) and the corresponding channel faders (1-16, with Page A/B selection for channels 9-16). These controls are used to select fixtures and adjust individual channel values.



This detailed view focuses on the right side of the control panel, showing the Scene buttons (1-8), Chase buttons (1-6), Program button, MIDI/Add, Auto/Del, Music/Bank-copy, Tapsync/Display, and Blackout button. The digital display for step/time is also visible.



This diagram provides an overview of the main functional areas: 1. Channel Fader Area for setting light channel values. 2. Chase Program Storage Area for saving lighting effects. 3. Chase Speed Key for adjusting program speed. 4. Channel Selection Area for grouping lights.

4.2 Rear Panel Connections



The rear panel of the controller is shown, highlighting the DMX output port (XLR 3-pin), the power input jack, and the main power on/off switch.

5. SETUP

5.1 Power Connection

1. Connect the provided power adapter to the DC input jack on the rear of the controller.
2. Plug the power adapter into a suitable electrical outlet.

3. Flip the power switch on the rear panel to the 'ON' position. The display should illuminate.

5.2 DMX Fixture Connection

The controller supports up to 12 lighting fixtures, each with up to 16 DMX channels.

1. Connect the provided DMX cable from the DMX OUT port on the controller to the DMX IN port of your first lighting fixture.
2. For multiple fixtures, daisy-chain them by connecting the DMX OUT of the first fixture to the DMX IN of the second, and so on.
3. Ensure all DMX fixtures are properly addressed according to their individual manuals. The controller's 'Scanner Buttons' correspond to the DMX address range of your fixtures.

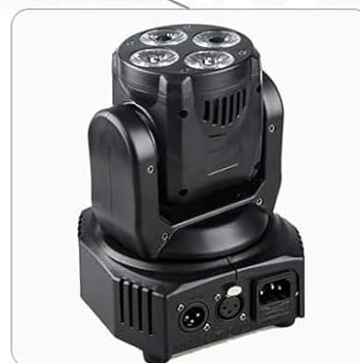
Compatible with XLR 3 pin dmx cables



Front light



Par lights



Oscillating beam lights



Ceiling beam ground row



Source four

This image illustrates the controller's compatibility with a range of DMX lighting fixtures, such as front lights, PAR lights, oscillating beam lights, ceiling beam ground row lights, and source four lights, all connected via XLR 3-pin DMX cables.

6. OPERATING MODES

The controller offers several operating modes for versatile lighting control:

- **Manual Mode:** Directly control individual DMX channels using the faders.
- **Program Mode:** Create and store custom scenes and chases.
- **Music Trigger Mode:** Activate scenes or chases based on audio input.
- **Auto Trigger Mode:** Automatically cycle through programmed chases.

7. PROGRAMMING SCENES AND CHASES

7.1 Creating and Storing Scenes

The controller allows for 23 banks of 8 programmable scenes (184 scenes total).

1. Press the **PROGRAM** button to enter programming mode. The 'PROG' indicator will flash.
2. Select the desired DMX fixture(s) using the **SCANNER BUTTONS** (1-12).
3. Adjust the channel faders to achieve the desired lighting effect for your scene. Use **PAGE A/B** to access channels 9-16 if needed.
4. Press the **MIDI/ADD** button to save the current fader settings as a scene step.
5. Select a **BANK** (1-23) using the BANK UP/DOWN buttons.
6. Press one of the **SCENE BUTTONS** (1-8) to store the scene in the selected bank. The scene button will flash to confirm.
7. Repeat steps 2-6 to create additional scenes.
8. Press the **PROGRAM** button again to exit programming mode.

7.2 Creating and Storing Chases

You can program up to 6 chases, each containing up to 240 steps (scenes).

1. Ensure you have created the scenes you wish to include in your chase.
2. Press the **PROGRAM** button to enter programming mode.
3. Select the desired **CHASE BUTTON** (1-6) to program.
4. Select the **BANK** (1-23) where your desired scene is stored.
5. Press the **SCENE BUTTON** (1-8) corresponding to the scene you want to add to the chase.
6. Press the **MIDI/ADD** button to add the scene as a step in the chase. The display will show the step number.
7. Repeat steps 4-6 to add more scenes to the chase.
8. Adjust the **SPEED** and **FADE TIME** faders to set the timing for the chase.
9. Press the **PROGRAM** button again to exit programming mode.

8. TROUBLESHOOTING

If you encounter issues, refer to the following common problems and solutions:

- **No Lights Responding:**
 - Check all DMX cable connections. Ensure they are secure and correctly oriented (DMX OUT to DMX IN).
 - Verify that the DMX addresses on your fixtures match the scanner buttons selected on the controller.
 - Confirm the controller is in the correct operating mode (e.g., Manual mode for direct control).
 - Ensure the main fader (MASTER) is raised.
- **Incorrect Light Behavior:**

- Double-check the DMX channel assignments for your specific lighting fixtures. Refer to the fixture's manual.
- Ensure no other DMX controllers are interfering with the signal.

- **Programming Difficulties:**

- Follow the programming steps precisely. Small deviations can prevent proper storage.
- Ensure the 'PROG' indicator is flashing when attempting to save scenes or chases.
- Some users find it helpful to set the SPEED and FADE TIME faders to their maximum position during programming to ensure responsiveness, then adjust them later.

- **Intermittent Control:**

- Check for loose cable connections or damaged DMX cables.
- Ensure the power supply is stable.

9. SPECIFICATIONS

Brand	MAD OWL
Model Number	WK-192
DMX Channels	192
Fixture Control	12 fixtures (up to 16 channels each)
Programmable Scenes	23 Banks of 8 scenes (184 total)
Programmable Chases	6 Chases (up to 240 steps each)
Power Source	Corded Electric
Product Dimensions	22.44"L x 7.28"W x 4.72"H
Item Weight	4 Pounds
Mounting Type	Rack Mount



A side view of the controller with measurements, indicating a length of 48.5cm (19.09 inches) and a height of 13.5cm (5.31 inches). These dimensions are important for rack mounting or placement.

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official MAD OWL website. Keep your purchase receipt for any warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question