

FODEXAZY 192 Channel DMX 512 Light Controller

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Instruction Manual

INTRODUCTION

Thank you for choosing the FODEXAZY 192 Channel DMX 512 Light Controller. This manual provides essential information for the safe and efficient operation of your DMX console. Please read these instructions thoroughly before use and retain them for future reference.

This DMX controller is designed to manage up to 12 intelligent fixtures, each with 16 channels, totaling 192 DMX channels. It supports programming up to 23 banks of 8 programmable scenes and 6 programmable chases of 240 scenes, making it suitable for various stage lighting applications.

PRODUCT OVERVIEW

Key Features

- Controls up to 12 intelligent fixtures, each with 16 channels (192 total DMX channels).
- Supports 23 banks of 8 programmable scenes.
- Features 6 programmable chases of 240 scenes.
- Equipped with 8 sliders for manual channel control.
- Auto mode program controlled by speed and fade time sliders.
- Compatible with 3-pin DMX cables for various stage equipment.
- Built-in microphone for music triggering.

Controller Components



Figure 1: Front Panel Layout of the DMX Controller. This image highlights the Light Selecting Area, Scene Switcher, Speed/Fade Selection Slider, Channel Selection Slider, Page Button, and Function Selection Area.

The controller is divided into several functional areas for intuitive operation:

- **Light Selection Area:** Buttons 1-12 to select individual fixtures or groups.
- **Scene Switcher:** Buttons 1-8 to activate programmed scenes.
- **Channel Selection Sliders:** 8 sliders (1-8 and 9-16 via Page Button) to adjust DMX values for selected channels.
- **LED Display:** Shows current bank, scene, and program information.
- **Page Selector Buttons:** 'Page A' and 'Page B' to switch between channel banks (1-8 and 9-16).
- **Speed/Fade Selection Sliders:** Adjust the speed and fade time of scenes and chases.
- **Function Selection Area:** Buttons for Program, Midi/Add, Auto/Del, Music, Bank Copy, Tap Sync, Display, and Chase selection (Chase 1-6), along with a Blackout button.

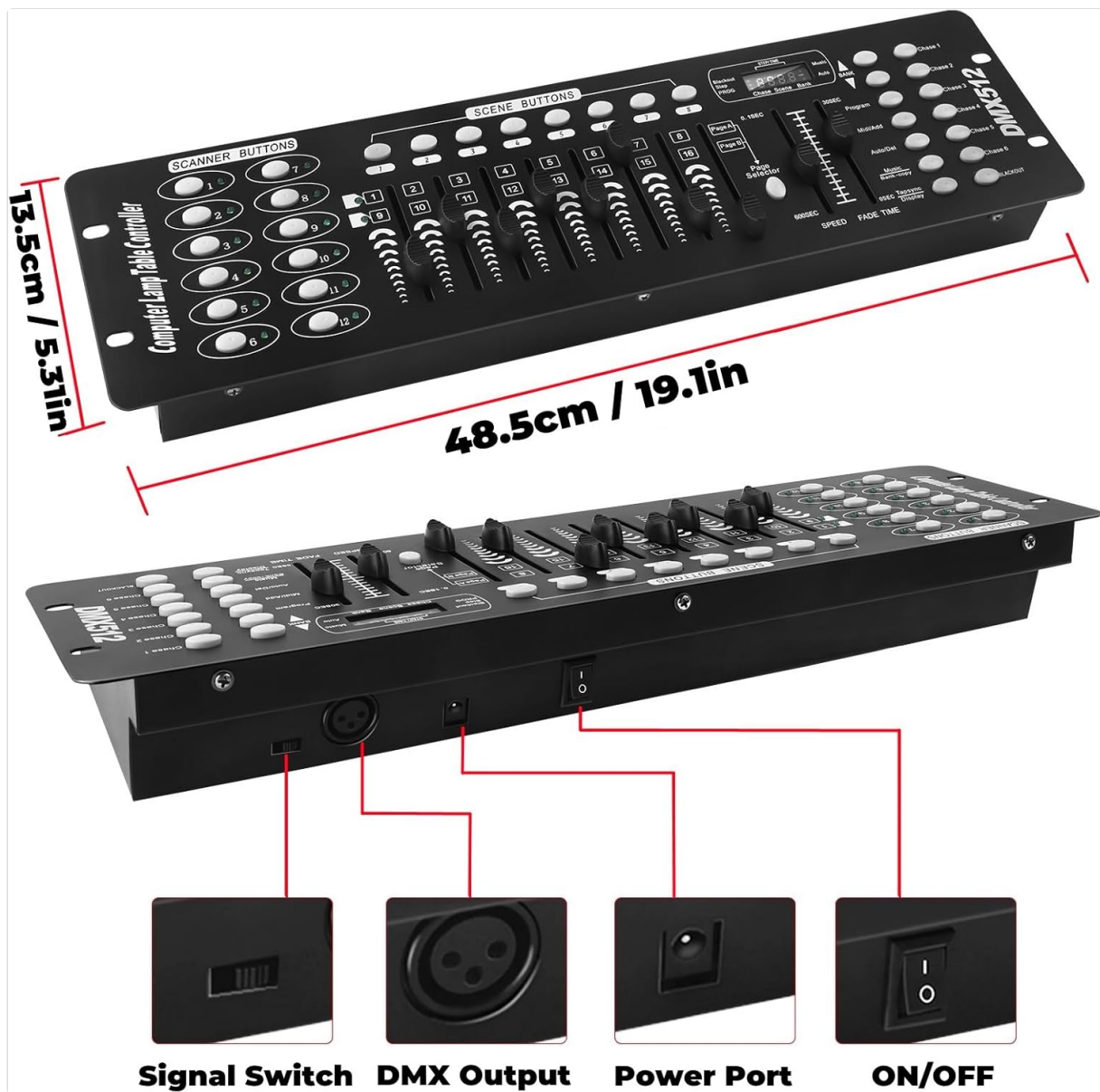


Figure 2: Rear Panel of the DMX Controller. This image displays the Signal Switch, DMX Output port, Power Port, and ON/OFF switch, along with the controller's dimensions.

SETUP

1. **Power Connection:** Connect the provided power cable to the Power Port on the rear of the DMX controller and then to a suitable power outlet (100-240V, 50/60Hz).
2. **DMX Device Connection:** Use a 3-pin DMX cable to connect the DMX Output port of the controller to the DMX input of your first stage lighting fixture. Daisy-chain additional DMX fixtures by connecting the DMX output of one fixture to the DMX input of the next.
3. **Address Assignment:** Ensure each DMX fixture has a unique DMX starting address. Refer to your fixture's manual for specific address setting instructions.
4. **Power On:** Flip the ON/OFF switch on the rear panel to power on the controller. The LED display will illuminate.
5. **Signal Switch:** Ensure the Signal Switch is in the correct position for DMX output.

Compatible with All 3 Pin DMX Cables



Par Light



Moving Head



COB Light



Stage Effect Light



Wash Light



Black Light

Figure 3: DMX Controller Compatibility. The controller is compatible with various 3-pin DMX devices such as Par Lights, Moving Heads, COB Lights, Stage Effect Lights, Wash Lights, and Black Lights.

OPERATING INSTRUCTIONS

Manual Control

1. **Select Fixtures:** Press the 'SCANNER BUTTONS' (1-12) to select the fixture(s) you wish to control. The corresponding LED will light up.
2. **Adjust Channels:** Use the 'CHANNEL SELECTION SLIDERS' (1-8) to adjust the DMX values for the selected fixture's channels. If your fixture uses more than 8 channels, use the 'PAGE SELECTOR' buttons (Page A/B) to access channels 9-16.
3. **Blackout:** Press the 'BLACKOUT' button to instantly turn off all DMX output. Press it again to restore output.

Programming Scenes

A scene is a static lighting state. You can program up to 8 scenes per bank, with 23 banks available.

1. **Enter Program Mode:** Press the 'PROGRAM' button. The LED display will show 'PROG'.
2. **Select Bank:** Use the 'BANK UP/DOWN' buttons to select the desired bank (1-23) where you want to

save your scene.

3. **Create Scene:** Manually adjust the DMX channels using the sliders and fixture selection buttons to achieve your desired lighting state.
4. **Save Scene:** Press the 'MIDI/ADD' button, then press one of the 'SCENE BUTTONS' (1-8) to save the current lighting state to that scene number within the selected bank. The LED display will flash to confirm.
5. **Exit Program Mode:** Press the 'PROGRAM' button again to exit.

Programming Chases

A chase is a sequence of scenes played in order. You can program up to 6 chases, each containing up to 240 scenes.

1. **Enter Program Mode:** Press the 'PROGRAM' button.
2. **Select Chase:** Press one of the 'CHASE' buttons (1-6) to select the chase you want to program.
3. **Add Scenes to Chase:** Recall a programmed scene (by selecting its bank and scene number). Press 'MIDI/ADD', then press the 'CHASE' button again to add the scene to the chase. Repeat for all desired scenes in the sequence.
4. **Set Speed/Fade:** Adjust the 'SPEED' and 'FADE TIME' sliders to control the transition between scenes in the chase.
5. **Exit Program Mode:** Press the 'PROGRAM' button again.

Playing Scenes and Chases

- **Play Scene:** Select the desired bank using 'BANK UP/DOWN', then press the corresponding 'SCENE BUTTON' (1-8).
- **Play Chase:** Press the 'AUTO/DEL' button to enter auto mode, then press the desired 'CHASE' button (1-6). The chase will begin playing.
- **Music Triggering:** In auto mode, press the 'MUSIC' button to enable sound-activated mode. The built-in microphone will trigger scenes/chases based on audio input.

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Video 1: DMX Light Controller RGB Use for Editing Program. This video demonstrates basic programming and control of RGB lights using the DMX console.

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Video 2: FODEXAZY DMX Controller, 192 Channel DMX 512 Light Controller. A comprehensive demonstration of the controller's features and programming capabilities.

MAINTENANCE

- **Cleaning:** Regularly wipe the surface of the controller with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Inspection:** Periodically check all cables and connections for any signs of wear or damage.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Controller does not power on.	No power supply; faulty power cable.	Check power connection; try a different outlet; replace power cable if damaged.
Lights not responding to controller.	Incorrect DMX addressing; faulty DMX cable; DMX signal switch incorrect.	Verify DMX addresses on fixtures; check DMX cable connections; ensure signal switch is in correct position.
Scenes/Chases not saving or playing correctly.	Incorrect programming steps; memory full.	Review programming steps in manual; ensure correct bank/scene is selected for saving/recalling.

SPECIFICATIONS

- **DMX Channels:** 192
- **Fixtures:** 12 (16 channels each)
- **Scenes:** 23 banks of 8 programmable scenes
- **Chases:** 6 programmable chases of 240 scenes
- **Power Input:** DC 9-12V 500mA Min. (100-240V 50/60Hz wide voltage compatible)
- **Material:** Metal



Multi-voltage	100-240V, 50/60Hz Power Input DC 9-12V
Channels	192 DMX Channels
Scenes	23 Banks of 8 programmable scenes
Chases	6 Programmable chases of 240 scenes
Sound	Built in microphone for music triggering

Figure 4: DMX Controller Specifications. This image visually summarizes the multi-voltage compatibility, channel count, scene and chase capacity, and sound triggering feature.

WARRANTY AND SUPPORT

The FODEXAZY DMX Controller is covered by a 30-day return policy and a 360-day repair warranty from the date of purchase. For any questions or support needs, please contact our customer service team. We are committed to responding within 24 hours to assist you with any issues.