

jindaaudio MINI-192A

jindaaudio 192 Channel DMX Light Controller MINI-192A User Manual

Model: MINI-192A

1. INTRODUCTION

Thank you for choosing the jindaaudio 192 Channel DMX Light Controller MINI-192A. This manual provides detailed instructions for the safe and efficient operation of your DMX controller. Please read this manual thoroughly before use and retain it for future reference.

The MINI-192A is a versatile DMX512 controller designed for managing stage lighting fixtures. It features 192 DMX channels, capable of controlling up to 12 intelligent lights with 16 channels each. It supports programming of 240 scenes across 23 banks and 6 chases, offering flexible control for various lighting setups.

2. SAFETY INSTRUCTIONS

- **Power Supply:** Use only the specified power adapter. Ensure the voltage matches the product requirements.
- **Moisture:** Do not expose the unit to rain or moisture to prevent electric shock or fire.
- **Ventilation:** Ensure adequate ventilation around the unit. Do not block ventilation openings.
- **Heat:** Avoid placing the unit near heat sources such as radiators, heat registers, stoves, or other heat-producing appliances.
- **Cleaning:** Disconnect power before cleaning. Use a dry, soft cloth. Do not use liquid cleaners.
- **Servicing:** Refer all servicing to qualified service personnel. Do not attempt to repair the unit yourself.
- **Placement:** Place the unit on a stable, flat surface. Avoid dropping or subjecting it to strong impacts.

3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- jindaaudio 192 Channel DMX Light Controller MINI-192A
- Power Adapter (9V DC, 0.5A)
- User Manual (this document)



Image 3.1: The jindaaudio MINI-192A DMX controller and its included power adapter.

4. PRODUCT OVERVIEW

The MINI-192A DMX controller features a compact design with intuitive controls for managing your DMX lighting fixtures.

4.1. Front Panel Controls



Image 4.1: Detailed view of the controller's front panel.

- **Fixture Select Buttons (1-12):** Used to select individual or groups of DMX fixtures.
- **Channel Faders (1-8):** Control DMX channel values for the selected fixture. Use the "Page" button to access channels 9-16.
- **LED Display:** Shows current mode, scene number, or other operational information.
- **Program Button (PROG):** Enters/exits programming mode.
- **Scene Buttons (1-8):** Store and recall programmed scenes.
- **Bank Up/Down Buttons:** Navigate through banks of scenes (23 banks available).
- **Chase Buttons (1-6):** Store and recall chase sequences.
- **Speed Fader:** Adjusts the speed of chases.

- **Fade Time Fader:** Adjusts the fade time between steps in a chase or scene.
- **Tap Sync/Music-Disp Button:** Activates tap synchronization or music-triggered mode.
- **Blackout Button:** Instantly turns off all DMX output.
- **MIDI ADD Button:** Used in conjunction with scene saving.
- **Auto.Del Button:** Used for automatic deletion functions.

4.2. Rear Panel Connections



Image 4.2: Rear panel connections including DMX output and power input.

- **DC 9V Input:** Power connection for the included adapter.
- **DMX Out (3-pin XLR):** Connects to your DMX lighting fixtures.
- **Microphone Input:** For sound-activated modes.

Compatible with all 3 pin dmx cables



Image 4.3: The controller is compatible with all stage lights using a 3-pin DMX cable.

5. SETUP

1. **Power Connection:** Connect the provided 9V DC power adapter to the "DC 9V Input" on the rear panel of the controller. Plug the adapter into a suitable power outlet.
2. **DMX Connection:** Connect a 3-pin DMX cable from the "DMX Out" port on the controller to the DMX input of your first lighting fixture. Daisy-chain additional DMX fixtures by connecting the DMX output of one fixture to the DMX input of the next. Ensure all fixtures are properly addressed.
3. **Fixture Addressing:** Each DMX fixture must have a unique starting DMX address. The MINI-192A is designed to control up to 12 fixtures, with each fixture typically occupying 16 DMX channels. For example, if your first fixture is addressed at DMX channel 1, your second fixture should be addressed at DMX channel 17, the third at 33, and so on. Refer to your lighting fixture's manual for specific addressing instructions.
4. **Initial Power On:** Once all connections are secure, power on the controller. The LED display will illuminate, indicating the unit is ready for operation.

6. OPERATION

The MINI-192A offers various modes for controlling your DMX lighting fixtures.

6.1. Manual Control

1. **Select Fixture:** Press one of the **Fixture Select Buttons (1-12)** to choose the light or group of lights you wish to control. The corresponding LED will illuminate.
2. **Adjust Channels:** Use the **Channel Faders (1-8)** to adjust the DMX values for the selected fixture's channels.
 - To access channels 9-16, press the **Page** button. The LED display will indicate the current page (e.g., "A" for channels 1-8, "B" for channels 9-16).
 - When switching between fixtures or pages, it is recommended to zero out the faders to avoid sudden changes in light output.
3. **Blackout:** Press the **Blackout Button** to instantly turn off all DMX output. Press it again to restore output.

6.2. Programming Scenes

A scene is a static lighting state. The controller can store up to 240 scenes across 23 banks (8 scenes per bank).

1. **Enter Program Mode:** Press the **PROG** button. The PROG LED will blink.
2. **Select Fixtures and Set Levels:** Select the desired fixtures using the **Fixture Select Buttons** and adjust their DMX channels using the **Channel Faders** to create your desired lighting state. Use the **Page** button to access all 16 channels per fixture.
3. **Select Bank:** Use the **Bank Up/Down Buttons** to choose the bank where you want to save the scene.
4. **Save Scene:** Press the **MIDI ADD** button. The LED display will blink. Then, press one of the **Scene Buttons (1-8)** to save the current lighting state to that scene number within the selected bank. The PROG LED will stop blinking briefly, confirming the save.
5. **Exit Program Mode:** Press the **PROG** button again. The PROG LED will turn off.

6.3. Playing Scenes

1. **Select Bank:** Use the **Bank Up/Down Buttons** to navigate to the bank containing your desired scene.
2. **Recall Scene:** Press the corresponding **Scene Button (1-8)** to activate the scene.
3. **Adjust Fade Time:** Use the **Fade Time Fader** to control the transition speed between scenes if multiple scenes are active or when switching between them.

6.4. Programming Chases

A chase is a sequence of scenes played in order. The controller can store 6 chases, each containing up to 240 steps (scenes).

1. **Enter Program Mode:** Press the **PROG** button. The PROG LED will blink.
2. **Select Chase:** Press one of the **Chase Buttons (1-6)** to select the chase you want to program.
3. **Add Scenes to Chase:**
 - Select the desired bank using **Bank Up/Down**.
 - Press the **Scene Button (1-8)** for the scene you want to add.
 - Press the **MIDI ADD** button to add the scene as a step in the chase. Repeat this for all scenes you wish to include in the chase.

4. **Exit Program Mode:** Press the **PROG** button again. The PROG LED will turn off.

6.5. Playing Chases

1. **Select Chase:** Press the desired **Chase Button (1-6)**. The chase will begin playing.
2. **Adjust Speed:** Use the **Speed Fader** to control the playback speed of the chase.
3. **Adjust Fade Time:** Use the **Fade Time Fader** to control the transition time between steps within the chase.
4. **Tap Sync:** Press the **Tap Sync/Music-Disp Button** multiple times in rhythm to synchronize the chase speed with your desired tempo.

6.6. Sound-Activated Mode

The controller can trigger scenes or chases based on audio input from the built-in microphone or an external source connected to the microphone input.

1. **Activate Music Mode:** Press the **Tap Sync/Music-Disp Button** until the LED display indicates "Music" or a similar sound-activated mode.
2. **Adjust Sensitivity:** Some DMX fixtures or the controller itself may have sensitivity adjustments for sound activation. Refer to the specific fixture's manual if needed.

7. MAINTENANCE

- **Cleaning:** Regularly wipe the surface of the controller 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.
- **Cable Inspection:** Periodically check all DMX and power cables for signs of wear or damage. Replace damaged cables immediately.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No lights respond or erratic behavior.	◦ Incorrect DMX addressing on fixtures. ◦ Faulty DMX cable or connection. ◦ Blackout mode is active. ◦ Incorrect DMX mode on fixtures.	◦ Verify each fixture has a unique DMX start address (e.g., 1, 17, 33...). ◦ Check DMX cables for damage and ensure secure connections. Try a different cable. ◦ Press the Blackout Button to deactivate it. ◦ Ensure fixtures are set to the correct DMX channel mode (e.g., 16-channel mode if using all controller channels).
Faders do not control lights as expected.	◦ Wrong fixture selected. ◦ Incorrect DMX page (channels 1-8 vs. 9-16). ◦ Fixture's DMX channels are mapped differently.	◦ Ensure the correct Fixture Select Button is active. ◦ Press the Page button to switch between channel pages. ◦ Consult your fixture's manual for its DMX channel map.

Problem	Possible Cause	Solution
Scenes or chases do not save or play correctly.	- Not in program mode when saving. - Incorrect save procedure. - Chase steps not added correctly.	- Ensure the PROG LED is blinking when attempting to save. - Follow the scene/chase programming steps precisely (Section 6.2, 6.4). - Verify that scenes were added to the chase using the MIDI ADD button.
Sound-activated mode is not working.	- Microphone input not receiving sound. - Sensitivity too low.	- Ensure sound source is close to the built-in microphone or connected to the input. - Check if your fixtures or the controller have sound sensitivity adjustments.

9. SPECIFICATIONS

Model	MINI-192A
DMX Channels	192
Controllable Fixtures	Up to 12 fixtures (16 channels each)
Scenes	240 (23 banks of 8 scenes)
Chases	6 (up to 240 steps per chase)
Power Input	DC 9V, 0.5A
Dimensions (L x W x H)	11.42" x 6.3" x 1.77" (29cm x 16cm x 4.5cm)
Weight	2.92 lbs (1.33 kg)
Material	Aluminum
Features	Sound activation, MIDI beat activation, Tap synchronization, Automatic operation



Image 9.1: Physical dimensions and weight of the DMX controller.

10. WARRANTY AND SUPPORT

jindaaudio products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your purchase or visit the official jindaaudio website. For technical support, troubleshooting assistance, or service inquiries, please contact jindaaudio customer service through their official channels.

Online Support: Visit the [jindaaudio Store on Amazon](#) for more product information and support resources.

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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