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TCFUNDY TCFD-J0201501X

TCFUNDY 192 Channel DMX 512 Light Controller Instruction Manual

Model: TCFD-J0201501X
Brand: TCFUNDY

1. Introduction and Overview

The TCFUNDY 192 Channel DMX 512 Light Controller is designed for comprehensive control of stage lighting effects. This console manages up to 12 intelligent lights, each with up to 16 channels, offering extensive programming capabilities for various lighting setups. It features 30 banks of 8 programmable scenes and 6 programmable chases of 240 scenes, allowing for effortless control over multiple lighting effects simultaneously. Its compact and user-friendly design makes it suitable for both novice and experienced users in diverse environments such as parties, DJ events, weddings, night clubs, and church gatherings.

2. Product Features

- **192 DMX Channels:** Controls up to 12 intelligent lights, each with up to 16 channels.
- **Scene and Chase Programming:** Features 30 banks of 8 programmable scenes and 6 programmable chases of 240 scenes for dynamic light shows.
- **Real-time Control:** 8 sliders for manual control of channels, with auto mode adjustable via speed and fade time sliders.
- **Versatile Connectivity:** Equipped with 3-pin XLR cable for compatibility with various DMX fixtures including fog machines, par lights, oscillating beam lights, and strobe lights.
- **Intuitive Interface:** 7 distinct sections including fixture selection, scene switcher buttons, channel selection faders, LED display, page selection button, speed/fade time selection faders, and function selection area.
- **Multi-voltage Power:** Operates on 110V, 60Hz with a DC 9-12V 300mA minimum power input.

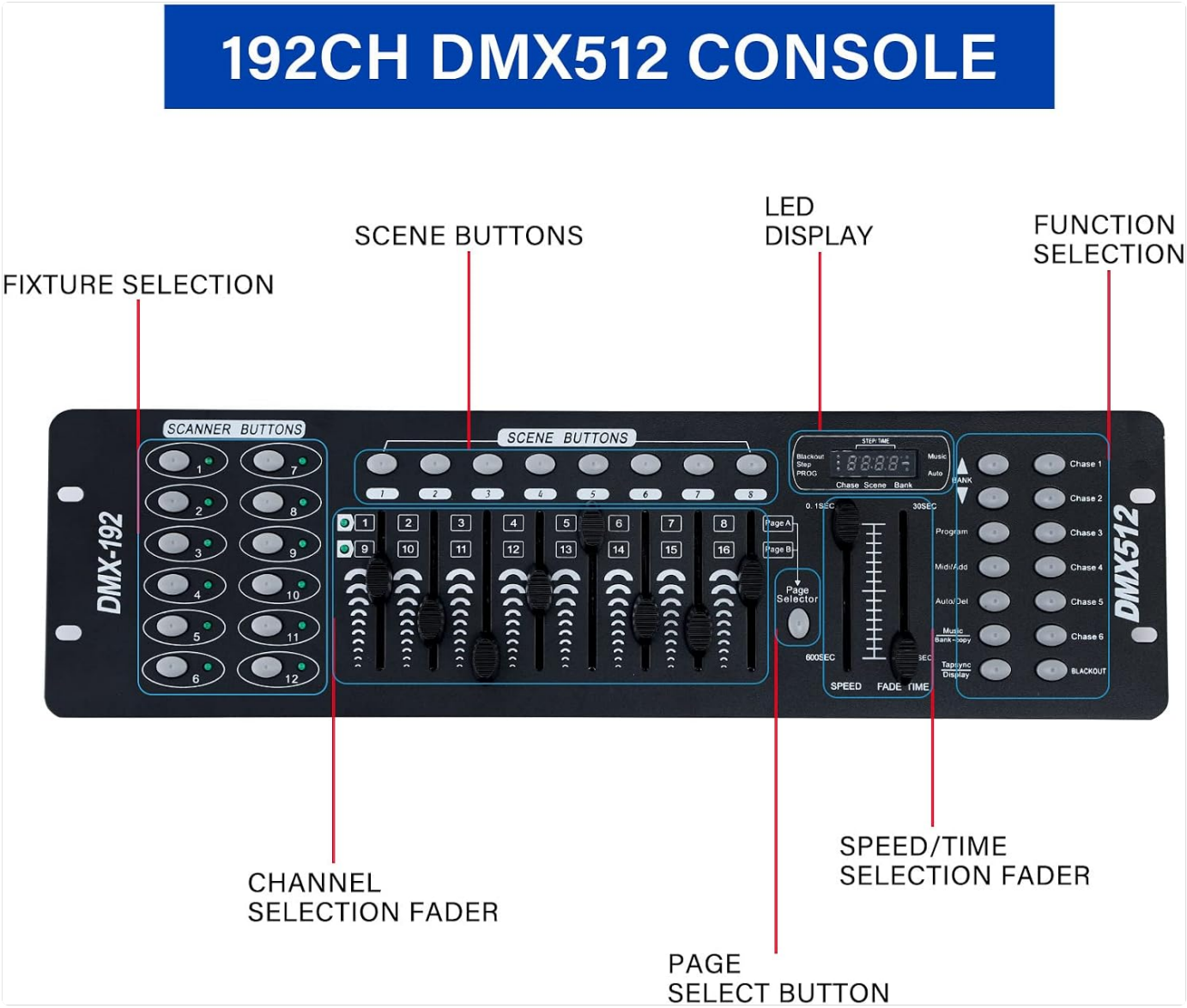


Figure 2.1: Overview of the TCFUNDY DMX 512 Controller with key sections labeled for easy identification.

3. Setup

1. **Power Connection:** Connect the provided DC 9-12V power adapter to the controller's power input port. Plug the adapter into a standard 110V, 60Hz power outlet.
2. **DMX Connection:** Use a 3-pin XLR cable to connect the DMX OUT port of the controller to the DMX IN port of your first lighting fixture.
3. **Daisy Chaining (Optional):** For multiple lights, connect the DMX OUT port of the first fixture to the DMX IN port of the second, and so on. Ensure all fixtures are properly terminated if required by their specifications.
4. **Fixture Addressing:** Set the DMX address for each lighting fixture according to its manual. Ensure each fixture has a unique starting address within the 192 available channels.
5. **Controller Power On:** Turn on the power switch on the rear of the controller. The LED display will illuminate.



Figure 3.1: Rear panel of the controller, highlighting power input and DMX IN/OUT ports.

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Video 3.1: Official seller video demonstrating the DMX Light Controller's setup and basic programming for RGB effects. This video illustrates how to connect the controller to a DMX light and adjust colors using the faders.

4. Operating Instructions

4.1 Basic Control Functions

- **Scanner Buttons (1-12):** Select individual or groups of DMX fixtures. The corresponding LED will light up when selected.
- **Scene Buttons (1-8):** Recall pre-programmed scenes.
- **Channel Selection Faders (1-16):** Adjust the intensity or parameter values for the selected DMX channels. Use Page A/B selector to access channels 1-8 or 9-16.

- **Speed/Fade Time Faders:** Control the speed of chases and the fade time between scenes.
- **Blackout Button:** Instantly turns off all DMX output. Press again to restore output.

4.2 Programming Scenes

1. Press the **PROGRAM** button to enter programming mode. The LED display will show 'PROG'.
2. Select the desired **SCANNER** (fixture) buttons (1-12).
3. Adjust the **CHANNEL SELECTION FADERS** (1-16) to achieve the desired lighting effect for the selected fixtures.
4. Press the **MIDI/ADD** button to save the current state as a step.
5. Select a **SCENE BUTTON** (1-8) where you want to store this scene.
6. Press the **MIDI/ADD** button again to confirm saving the scene.
7. Repeat steps 2-6 to program additional scenes.
8. Press the **PROGRAM** button to exit programming mode.

4.3 Running Chases

1. Program multiple scenes as described in Section 4.2.
2. Press the **PROGRAM** button to enter programming mode.
3. Select a **CHASE** button (1-6) where you want to store the chase.
4. Press the **MIDI/ADD** button.
5. Select the **SCENE BUTTONS** (1-8) in the order you want them to play in the chase. After selecting each scene, press **MIDI/ADD** to add it to the chase.
6. Adjust the **SPEED** and **FADE TIME** faders to set the desired pace and transition.
7. Press the **PROGRAM** button to exit programming mode.
8. To run the chase, press the corresponding **CHASE** button (1-6) and then the **AUTO/DEL** button.

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Video 4.1: Official seller video demonstrating the operation of the DMX 192 controller, including scene and chase programming. This video provides a visual guide to using the various buttons and faders for creating dynamic lighting sequences.

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Video 4.2: Official seller video illustrating how the DMX controller runs a scene. This video focuses on the process of activating and transitioning between pre-programmed scenes, showcasing the controller's real-time capabilities.

5. Maintenance

- **Cleaning:** Regularly wipe the surface of the controller with a soft, dry cloth to remove dust and debris. Avoid using abrasive cleaners or solvents.
- **Storage:** Store the controller in a cool, dry place away from direct sunlight and extreme temperatures when not in use.
- **Cable Management:** Ensure DMX and power cables are not kinked or strained to prevent damage.
- **Inspection:** Periodically check all connections and buttons for any signs of wear or damage.

6. Troubleshooting

- **No Power:** Ensure the power adapter is securely connected to both the controller and a working power outlet. Check the power switch on the rear of the unit.
- **Lights Not Responding:**
  - Verify DMX cables are correctly connected (DMX OUT to DMX IN).
  - Check that DMX addresses on fixtures match the selected scanner channels on the controller.
  - Ensure DMX termination is correctly applied if multiple fixtures are daisy-chained.
  - Confirm the controller is not in BLACKOUT mode.
- **Intermittent Control:** Check for loose DMX cable connections or damaged cables. Ensure no excessive electrical interference is present.
- **Programming Issues:** Ensure the controller is in PROGRAM mode when attempting to save scenes or chases. Refer to Section 4.2 and 4.3 for detailed programming steps.

7. Specifications

Specification	Detail
Item Weight	6.6 pounds (3 Kilograms)
Product Dimensions	19 x 5.2 x 2.8 inches
Item Model Number	TCFD-J0201501X
Color Name	Matte Black
Material Type	Aluminum
Power Source	Corded Electric
Voltage	12 Volts
Number of Channels	192
Connectivity Technology	XLR
Date First Available	December 12, 2022

8. Warranty and Support

For warranty information and customer support, please refer to the documentation included with your product or contact the seller directly. Protection plans may be available for extended coverage. For specific inquiries regarding product functionality or troubleshooting beyond this manual, please reach out to TCFUNDY customer service or the authorized retailer.

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and use this page's manual context to help answer it.

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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.

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