

## Eurolite 70064575

# Eurolite 70064575 DMX LED Color Chief Controller User Manual

Model: 70064575

## 1. INTRODUCTION

Thank you for choosing the Eurolite 70064575 DMX LED Color Chief Controller. This manual provides essential information for the safe and efficient operation of your device. Please read these instructions carefully before use and keep them for future reference. This controller is designed for managing DMX-compatible LED lighting fixtures, offering versatile control over color, effects, and scenes.

## 2. SAFETY INSTRUCTIONS

To ensure safe operation, please observe the following safety guidelines:

- Read all instructions before operating the device.
- Keep the device away from moisture, rain, and liquids.
- Do not expose the device to extreme temperatures or direct sunlight.
- Ensure proper ventilation to prevent overheating.
- Only use the provided power adapter or one with identical specifications.
- Do not attempt to repair or modify the device yourself. Refer all servicing to qualified personnel.
- Disconnect the power supply before cleaning or when not in use for extended periods.
- This device is intended for indoor use only.

## 3. PACKAGE CONTENTS

Please check that all items are present and in good condition upon unpacking:

- Eurolite 70064575 DMX LED Color Chief Controller
- Power Adapter
- User Manual (this document)

## 4. PRODUCT OVERVIEW

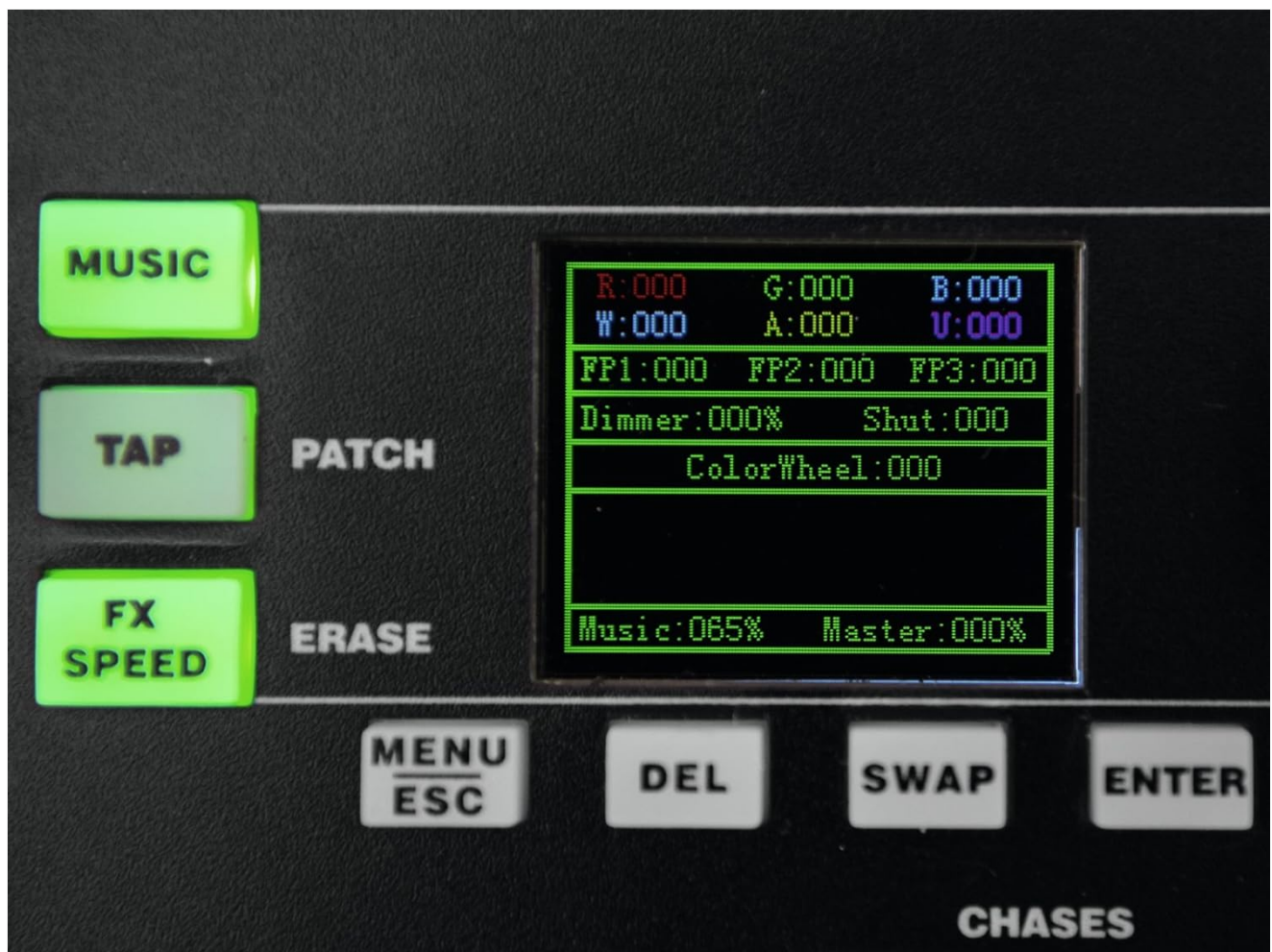
Familiarize yourself with the various components and controls of your DMX LED Color Chief Controller.



**Figure 4.1: Front Panel Overview.** This image displays the complete front panel of the Eurolite 70064575 DMX LED Color Chief Controller, showing all buttons, faders, knobs, and the central LCD screen.



**Figure 4.2: Detailed Front Panel.** A closer look at the front panel, highlighting the fixture selection buttons (1-8), color control knobs (A-D), color wheel fader, effect buttons (FX1-FX8), and the chase/scene selection buttons (1-24).



**Figure 4.3: LCD Screen Display.** This image provides a close-up of the LCD screen, which displays various parameters such as RGBWAU values, dimmer, shutter, color wheel settings, and music sensitivity.



**Figure 4.4: Fixture and Color Controls.** A close-up view of the fixture selection buttons (1-8) and the color control section, including the color wheel fader and individual color adjustment knobs.





**Figure 4.5: Display and Navigation.** This image focuses on the central LCD display and the surrounding navigation buttons (MENU/ESC, DEL, SWAP, ENTER), which are used for menu interaction and parameter adjustments.



**Figure 4.6: Speed and Store Controls.** A detailed view of the Speed knob, used for adjusting chase or effect speeds, and the Store button, essential for saving scenes and chases.



**Figure 4.7: Rear Panel Connections.** This image shows the rear panel of the controller, featuring the DMX OUT (3-pin XLR), Audio input (XLR), DC 9-12V power input, and the POWER ON/OFF switch.

## Front Panel Controls:

- **Fixture Buttons (1-8):** Select individual or groups of DMX fixtures.
- **Color Control Knobs (A, B, C, D):** Adjust specific color parameters (e.g., Red, Green, Blue, White).
- **Color Wheel Fader:** Provides fine control over color mixing or pre-set color wheels.
- **Effect Buttons (FX1-FX8):** Trigger pre-programmed or custom lighting effects.
- **Dimmer Fader:** Controls the overall intensity of selected fixtures.
- **Shutter Fader:** Controls the strobe or shutter speed.
- **LCD Screen:** Displays current settings, menu options, and parameter values.
- **Navigation Buttons (MENU/ESC, DEL, SWAP, ENTER):** Used for menu navigation and parameter adjustment.
- **Chase/Scene Buttons (1-24):** Select and activate pre-programmed chases or scenes.
- **Master Fader:** Global intensity control.
- **Fade Time / Chase Speed Faders:** Adjust the transition time between scenes or the speed of chases.
- **Music Button:** Activates sound-to-light mode using the built-in microphone.

- **Sensitivity Knob:** Adjusts the sensitivity of the built-in microphone for music mode.
- **Store Button:** Saves current settings as a scene or chase.

## Rear Panel Connections:

- **DMX OUT (3-pin XLR):** Connects to DMX-compatible lighting fixtures.
- **AUDIO Input (XLR):** External audio input for music synchronization.
- **DC 9-12V Power Input:** Connect the included power adapter here.
- **POWER ON/OFF Switch:** Turns the unit on or off.

## 5. SETUP

---

Follow these steps to set up your DMX LED Color Chief Controller:

1. **Power Connection:** Connect the provided power adapter to the DC 9-12V 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 IN port of your first DMX lighting fixture. Daisy-chain additional DMX fixtures by connecting the DMX OUT of the first fixture to the DMX IN of the next, and so on. Ensure the last fixture in the chain has a DMX terminator if recommended by the fixture manufacturer.
3. **Fixture Addressing:** Before operation, ensure all your DMX lighting fixtures are correctly addressed according to their respective manuals. The controller can manage up to 240 DMX channels.
4. **Power On:** Flip the POWER ON/OFF switch on the rear panel to the "ON" position. The LCD screen should illuminate.
5. **Audio Input (Optional):** If you wish to use external audio for music synchronization, connect an audio source to the AUDIO input on the rear panel.

## 6. OPERATING INSTRUCTIONS

---

This section details the basic operation of the Eurolite DMX LED Color Chief Controller.

### 6.1. Selecting Fixtures

- Press the **Fixture buttons (1-8)** on the left side to select the DMX fixture(s) you wish to control. Multiple fixtures can be selected simultaneously.

### 6.2. Color Control

- Use the **Color Control Knobs (A, B, C, D)** to adjust individual color components (e.g., Red, Green, Blue, Amber, White, UV) of the selected fixtures. The specific function of each knob depends on the DMX profile of your connected fixtures.
- The **Color Wheel Fader** allows for smooth transitions through a color spectrum or selection of pre-defined colors if your fixture supports a color wheel.

### 6.3. Dimmer and Shutter

- Adjust the **Dimmer Fader** to control the overall brightness of the selected fixtures.
- Use the **Shutter Fader** to control strobe effects or the opening/closing of the fixture's shutter.

### 6.4. Effects (FX)

- Press the **FX buttons (FX1-FX8)** to activate various built-in or user-programmed lighting effects.
- The **FX Speed** button may allow adjustment of the effect speed.

## 6.5. Scenes and Chases

- **Creating a Scene:**
  - a. Set your desired lighting parameters using the knobs and faders.
  - b. Press the **Store** button.
  - c. Select one of the **Chase/Scene buttons (1-24)** to save your scene to that location.
- **Activating a Scene:** Press the corresponding **Chase/Scene button (1-24)** to recall a saved scene.
- **Creating a Chase (Sequence of Scenes):**
  - a. Enter Chase programming mode (refer to the LCD screen and navigation buttons for specific steps).
  - b. Add saved scenes as steps to your chase.
  - c. Save the chase.
- **Activating a Chase:** Select the desired chase using the **Chase/Scene buttons**.
- Use the **Fade Time** and **Chase Speed** faders to adjust the transition time between steps and the overall speed of the chase.

## 6.6. Music Mode

- Press the **Music** button to activate sound-to-light functionality. The built-in microphone will detect audio.
- Adjust the **Sensitivity Knob** to fine-tune the microphone's response to ambient sound or external audio input.

## 6.7. LCD Screen and Navigation

- The **LCD Screen** provides visual feedback on current settings, menu options, and programming steps.
- Use the **MENU/ESC** button to access menus or exit current operations.
- The **DEL** button is used to delete steps or settings.
- The **SWAP** button may be used to exchange values or functions.
- The **ENTER** button confirms selections or enters sub-menus.

## 7. MAINTENANCE

---

Proper maintenance ensures the longevity and optimal performance of your controller.

- **Cleaning:** Disconnect the power before cleaning. Use a soft, dry cloth to wipe the surface of the controller. Do not use abrasive cleaners, solvents, or harsh chemicals.
- **Storage:** When not in use, store the controller in a cool, dry place, away from direct sunlight and extreme temperatures. If storing for extended periods, consider using the original packaging to protect it from dust and physical damage.
- **Inspection:** Periodically check cables and connections for any signs of wear or damage. Replace damaged cables immediately.

## 8. TROUBLESHOOTING

---

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

Problem	Possible Cause	Solution
Controller does not power on.	No power supply, faulty adapter, power switch off.	Ensure power adapter is securely connected and plugged into a live outlet. Check power switch is ON. Test with another compatible adapter if available.



Problem	Possible Cause	Solution
Lights do not respond to controller.	Incorrect DMX connection, incorrect DMX addressing on fixtures, faulty DMX cable, fixtures not powered on.	Verify DMX cable connections. Check DMX addresses on all fixtures match controller settings. Test DMX cable. Ensure fixtures are powered on.
Colors or effects are incorrect.	Incorrect DMX channel assignment, fixture DMX profile mismatch.	Consult your fixture's manual for its DMX channel assignments and ensure the controller's output matches. Adjust controller settings accordingly.
Music mode not working.	Microphone sensitivity too low, no audio input, faulty microphone.	Increase the Sensitivity knob. Ensure there is sufficient audio input (either via built-in mic or external audio input).





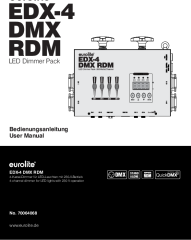

If the problem persists after attempting these solutions, please contact Eurolite customer support or your dealer for further assistance.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	70064575
Brand	Eurolite
Number of Channels	240
Display	LCD
DMX Connection	3-pin XLR
Integrated Microphone	Yes
MIDI Support	No
Material	Plastic
Dimensions (L x W x H)	48.2 x 13.2 x 8.5 cm (18.98 x 5.2 x 3.35 inches)
Weight	2.2 kg (4.85 lbs)
Power Input	DC 9-12V

## 10. WARRANTY AND SUPPORT

For information regarding warranty terms, technical support, or service, please refer to the warranty card included with your product or visit the official Eurolite website. Keep your proof of purchase for warranty claims.

	<p><a href="#">Eurolite DMX Split/Boost 8 PRO User Manual</a></p> <p>Comprehensive user manual for the Eurolite DMX Split/Boost 8 PRO, detailing features, setup, operation, safety, and technical specifications for this RDM-capable DMX splitter. Includes instructions for installation, configuration, and maintenance.</p>
	<p><a href="#">Eurolite AKKU MBT-3 Spot MK2 User Manual</a></p> <p>Comprehensive user manual for the Eurolite AKKU MBT-3 Spot MK2, detailing features, installation, operation, DMX control, and maintenance for this battery-powered LED light effect.</p>
	<p><a href="#">Eurolite AKKU PT-100/32 Pixel DMX Tube User Manual</a></p> <p>User manual for the Eurolite AKKU PT-100/32 Pixel DMX Tube, detailing its features, installation, operation, and maintenance. This battery-powered and DMX-controllable pixel tube offers RGB color mixing and can be operated in standalone or DMX modes.</p>
	<p><a href="#">Eurolite DMX MOVE CONTROL 512 User Manual</a></p> <p>Comprehensive user manual for the Eurolite DMX MOVE CONTROL 512 DMX controller, detailing installation, operation, configuration, safety, system settings, cleaning, maintenance, and technical specifications.</p>
	<p><a href="#">Eurolite EDX-4 DMX RDM LED Dimmer Pack User Manual</a></p> <p>Comprehensive user manual for the Eurolite EDX-4 DMX RDM LED Dimmer Pack, detailing its features, setup, operation modes (DMX, standalone, auto, music), safety guidelines, maintenance, and technical specifications for professional event lighting.</p>
	<p><a href="#">Eurolite DMX Commander 512 User Manual</a></p> <p>Comprehensive user manual for the Eurolite DMX Commander 512 lighting console, detailing its features, operation, programming, and technical specifications.</p>

