

Eurolite 70063830

Eurolite FD-32+1 DMX Dimmer Panel User Manual

1. INTRODUCTION

Thank you for choosing the Eurolite FD-32+1 DMX Dimmer Panel. This manual provides essential information for the safe and efficient operation of your device. Please read these instructions carefully before initial use and keep them for future reference. This device is designed for professional stage and show applications, offering precise DMX control over lighting fixtures.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent electric shock, fire, or damage to the device.

- **Electrical Safety:** Ensure the power supply matches the device's requirements (9V - 12V / 300 mA DC). Disconnect power before cleaning or servicing.
- **Environment:** Do not expose the device to rain, moisture, or extreme temperatures. Operate in a dry, well-ventilated area.
- **Handling:** Avoid strong impacts or dropping the device. Do not open the housing or attempt repairs yourself; refer servicing to qualified personnel.
- **Ventilation:** Ensure proper airflow around the unit to prevent overheating. Do not block ventilation openings.

3. PRODUCT OVERVIEW

The Eurolite FD-32+1 DMX Dimmer Panel is a compact DMX controller designed for precise control of lighting effects. It features multiple faders for individual channel control and a master fader for overall intensity adjustment.

3.1 Front Panel Controls

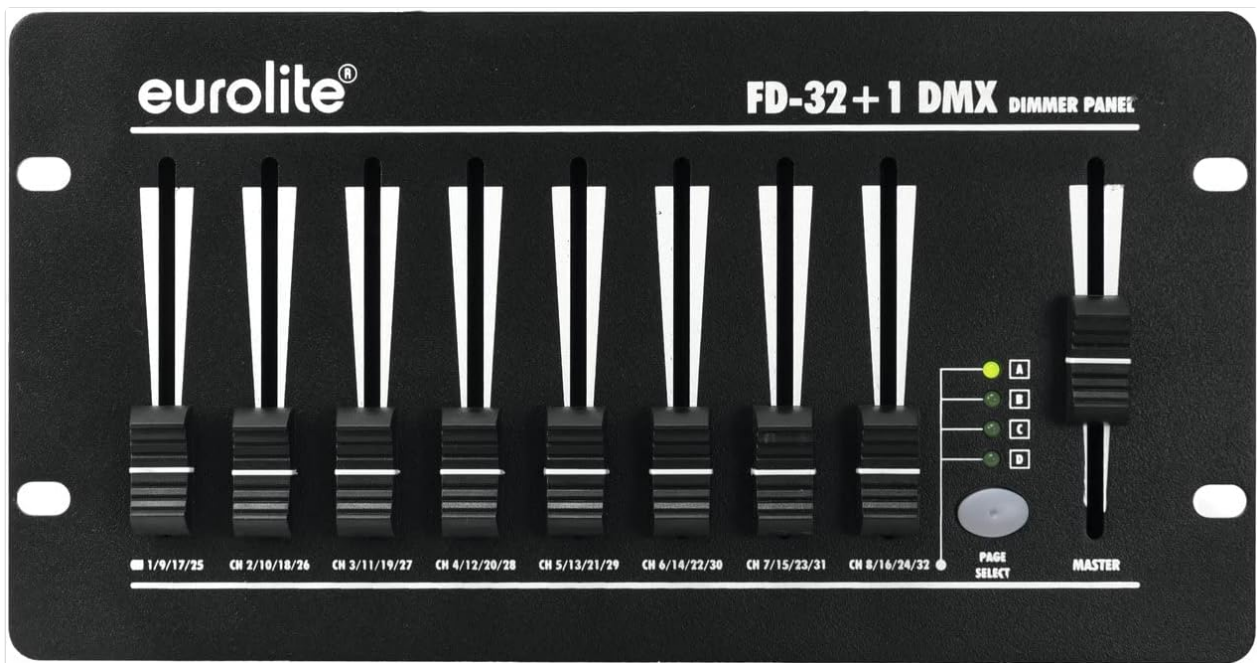


Image 1: Front view of the Eurolite FD-32+1 DMX Dimmer Panel. This image displays the eight individual channel faders, the master fader on the right, and the 'PAGE SELECT' button with its corresponding indicator LEDs (A, B, C, D).

The front panel includes:

- **Channel Faders (1-8):** Control the intensity of individual DMX channels. Each fader is labeled with its corresponding channel range (e.g., CH 1/9/17/25).
- **Master Fader:** Controls the overall output intensity of all active channels.
- **PAGE SELECT Button:** Cycles through four pages (A, B, C, D) to access a total of 32 DMX channels (8 channels x 4 pages).
- **Page Indicator LEDs (A, B, C, D):** Indicate the currently selected page.

3.2 Rear Panel Connections



Image 2: Rear view of the Eurolite FD-32+1 DMX Dimmer Panel. This image shows the power input (DC INPUT), DMX OUT connector, and the main power switch.

The rear panel provides the necessary connections:

- **DC INPUT (9V - 12V / 300 mA DC):** Power input connector for the external power adapter.
- **DMX OUT:** 3-pin XLR connector for sending DMX signals to compatible lighting fixtures.
- **POWER Switch:** Main power ON/OFF switch for the unit.

4. SETUP

Follow these steps to set up your DMX Dimmer Panel:

1. **Unpacking:** Carefully remove the device from its packaging. Inspect for any signs of damage during transit.
2. **Placement:** Place the dimmer panel on a stable, flat surface, such as a table (Bordsmontering). Ensure adequate ventilation around the unit.
3. **Power Connection:** Connect the provided power adapter to the **DC INPUT** on the rear panel. Plug the adapter into a suitable power outlet.
4. **DMX Connection:** Connect a 3-pin DMX cable from the **DMX OUT** connector on the dimmer panel to the DMX IN of your first DMX-compatible lighting fixture. Daisy-chain additional fixtures as required.
5. **Power On:** Flip the **POWER** switch on the rear panel to the 'ON' position. The unit should power up.

5. OPERATING INSTRUCTIONS

This section details how to operate your Eurolite FD-32+1 DMX Dimmer Panel.

5.1 Basic Operation

1. **Power On:** Ensure the unit is powered on using the switch on the rear panel.
2. **Select Page:** Press the **PAGE SELECT** button to cycle through pages A, B, C, and D. The corresponding LED will illuminate to indicate the active page. Each page controls a different set of 8 DMX channels. For example:
 - Page A: Channels 1-8
 - Page B: Channels 9-16
 - Page C: Channels 17-24
 - Page D: Channels 25-32
3. **Adjust Channel Intensity:** Move the individual channel faders (1-8) up or down to control the intensity of the assigned DMX channels on the selected page. Moving a fader up increases intensity, while moving it down decreases intensity.
4. **Adjust Master Intensity:** Use the **MASTER** fader to control the overall output intensity of all active channels on the currently selected page. This acts as a global dimmer for the page.

5.2 DMX Addressing

The FD-32+1 sends DMX signals starting from channel 1. Ensure your DMX lighting fixtures are addressed correctly to respond to the channels controlled by the dimmer panel. For example, if a fixture is set to DMX address 1, it will respond to fader 1 on Page A. If a fixture is set to DMX address 9, it will respond to fader 1 on Page B.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your device.

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or solvents.
- **Fuse Replacement:** If the unit does not power on, check the fuse located near the power input on the rear panel. Replace it with a fuse of the exact same type and rating. Refer to the specifications for fuse details.
- **Storage:** When not in use for extended periods, store the device in a dry, dust-free environment, preferably in its original packaging.

7. TROUBLESHOOTING

If you encounter issues, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Unit does not power on.	No power from outlet; faulty power adapter; blown fuse.	Check power outlet; test power adapter; replace fuse (see Maintenance).
No DMX output to fixtures.	Incorrect DMX cable connection; fixture DMX address mismatch; faulty DMX cable.	Ensure DMX cable is securely connected; verify fixture DMX addresses; try a different DMX cable.
Individual channels not responding.	Incorrect page selected; fixture DMX address mismatch.	Press PAGE SELECT to ensure the correct page is active; verify fixture DMX addresses correspond to the active page's channels.

8. SPECIFICATIONS

- **Brand:** Eurolite
- **Model:** 70063830 (FD-32+1 DMX Dimmer Panel)
- **Mounting Type:** Table mounting
- **Item Weight:** 1250 Grams
- **Power Input:** 9V - 12V DC, 300 mA
- **DMX Channels:** 32 (8 faders x 4 pages)
- **DMX Output:** 3-pin XLR

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your purchase or contact your authorized Eurolite dealer. Keep your proof of purchase for any warranty claims.