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## Eurolite 70064516

# Eurolite DMX Move Control 512 PRO DMX Controller User Manual

Model: 70064516

## 1. INTRODUCTION

The Eurolite DMX Move Control 512 PRO is a sophisticated DMX light control panel designed for managing a wide range of DMX light effects devices, including moving heads, scanners, and LED headlights with RGBW color mixing capabilities. This controller offers precise control over up to 24 DMX light effect devices, each with up to 34 control channels. Its compact design makes it suitable for both fixed installations and mobile applications. This manual provides essential information for the proper setup, operation, and maintenance of your DMX Move Control 512 PRO.

## 2. KEY FEATURES

- DMX light control panel for DMX light effects devices (moving heads, scanners, RGBW LED headlights).
- Controls up to 24 devices, each with a maximum of 34 control channels.
- Integrated USB port for convenient data storage of light shows and settings (FAT32 format).
- Capable of programming 30 sequences, each containing up to 485 scenes.
- Total DMX output of 512 channels.
- Designed for 19-inch rack installation (4 HE).
- Intuitive control interface with faders, buttons, and a clear display.
- Dynamic effect generator for creating complex lighting movements.

## 3. SETUP

### 3.1 Unpacking and Inspection

Carefully remove the DMX Move Control 512 PRO from its packaging. Inspect the unit for any signs of damage during transit. If any damage is found, do not operate the device and contact your dealer immediately.

### 3.2 Power Connection

Connect the supplied power cable to the IEC power inlet on the rear of the controller and then to a suitable mains power outlet (100-240 V AC, 50/60 Hz). Ensure the power switch is in the OFF position before connecting. The unit consumes approximately 20W.



Figure 3.2: Rear panel of the DMX Move Control 512 PRO, illustrating the power input and DMX output connections.

### 3.3 DMX Device Connection

Connect your DMX-compatible lighting fixtures to the 3-pin XLR DMX OUT port on the rear of the controller using standard DMX cables. Ensure proper DMX chaining and termination for optimal signal integrity.

### 3.4 USB Data Storage

The controller features a USB Type AF port for connecting USB devices (formatted as FAT32) to store and load light shows and settings. This allows for easy backup and transfer of your programmed data.



Figure 3.4: Top view of the controller, highlighting the USB port for data storage.

### 3.5 Rack Installation

The DMX Move Control 512 PRO is designed for 19-inch rack installation, occupying 4 rack units (4 HE). Secure the unit using appropriate rack screws to ensure stability.

## 4. OPERATING INSTRUCTIONS

### 4.1 Overview of Controls

The front panel of the DMX Move Control 512 PRO features a comprehensive set of controls for intuitive operation. These include faders for channel control, dedicated buttons for scene and chase selection, pan and tilt wheels, and a clear LCD display for menu navigation and status information.



Figure 4.1: Front view of the DMX Move Control 512 PRO, displaying the layout of faders, buttons, and the LCD screen.

## 4.2 Channel and Fixture Control

The faders on the left side of the panel are used to control individual DMX channels for your connected fixtures. Each fader corresponds to a specific channel, allowing for precise adjustment of parameters such as intensity, color, and gobos. The controller supports up to 24 fixtures, each with up to 34 channels.



Figure 4.2: Detail of the channel faders, used for adjusting DMX parameters.

### 4.3 Programming Scenes and Sequences

The DMX Move Control 512 PRO allows you to program and store up to 30 sequences, with each sequence containing up to 485 individual scenes. Use the dedicated scene and chase buttons on the right side of the panel to enter programming mode, record scenes, and arrange them into sequences. The LCD display provides feedback during the programming process.



Figure 4.3: Detail of the scene and chase programming buttons.

#### 4.4 Pan and Tilt Control

For controlling moving head fixtures, the controller features dedicated Pan and Tilt wheels. These wheels allow for precise and smooth adjustment of the fixture's horizontal (Pan) and vertical (Tilt) movement. The display will show the current values for these parameters.



Figure 4.4: Close-up of the LCD display and the Pan/Tilt control wheels.

## 4.5 Dynamic Effect Generator

The built-in dynamic effect generator allows for the creation of complex and automated lighting movements and patterns. Refer to the detailed operational manual (not provided in this summary) for specific instructions on utilizing this advanced feature to enhance your light shows.

## 5. MAINTENANCE

### 5.1 Cleaning

To maintain the appearance and functionality of your controller, regularly wipe the surface with a soft, dry, lint-free cloth. Do not use abrasive cleaners, solvents, or chemical sprays, as these can damage the finish and internal components. Ensure the unit is powered off and disconnected from the mains before cleaning.

### 5.2 Storage

When not in use for extended periods, store the DMX Move Control 512 PRO in a cool, dry place, away from direct sunlight, excessive dust, and moisture. If transporting the unit, use appropriate protective casing to prevent physical damage.

## 6. TROUBLESHOOTING

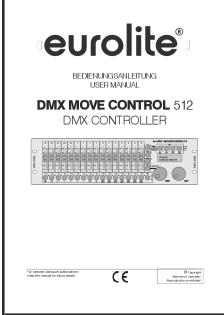
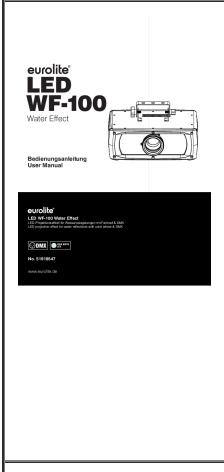
Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Power cable disconnected; power switch off; faulty power outlet.	Check power cable connection; ensure power switch is ON; test power outlet with another device.
No DMX signal to fixtures	Incorrect DMX cabling; DMX chain not terminated; fixture DMX address incorrect; faulty DMX cable.	Verify DMX cable connections (IN/OUT); ensure last fixture is terminated; check fixture DMX addresses; try a different DMX cable.
Fixture not responding to control	Fixture DMX address mismatch; fixture DMX mode incorrect; controller channel output low.	Confirm fixture DMX address matches controller setting; check fixture DMX mode; increase channel fader level on controller.
USB drive not recognized	Incorrect format (not FAT32); drive capacity too large; faulty USB drive.	Ensure USB drive is formatted to FAT32; try a smaller capacity drive; test with a different USB drive.

## 7. SPECIFICATIONS

Power Supply:	100-240 V AC, 50/60 Hz
Total Connection Value:	20 W
Protection Type:	IP20
Power Connection:	IEC power inlet (built-in version), power connection cable with earthing contact plug (included)
Programs:	Programmable, 30 sequences, each with 485 scenes
DMX Channels:	Output 512
DMX Output:	1 x 3-pin XLR (W) installation version
Control:	DMX; RDM
Housing Color:	Black
Suitable Storage Media:	USB devices (FAT32)
USB Port:	Type AF
Case Design:	19 inches (48.3 cm) rack installation 4 HE
Dimensions (W x D x H):	48.3 cm (19") x 17 cm x 8.9 cm
Weight:	3.82 kg
Model Number:	70064516
ASIN:	B01C5YBNPE

## Related Documents - 70064516

	<p><b><a href="#">Eurolite DMX MOVE CONTROL 512 User Manual</a></b> 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><b><a href="#">Eurolite DMX Commander 512 User Manual</a></b> Comprehensive user manual for the Eurolite DMX Commander 512 lighting console, detailing its features, operation, programming, and technical specifications.</p>
	<p><b><a href="#">Eurolite LED WF-100 Water Effect User Manual</a></b> Comprehensive user manual for the Eurolite LED WF-100 Water Effect, detailing its features, installation, operation modes (stand-alone, DMX, master/slave), connections, safety guidelines, technical specifications, and maintenance.</p>
	<p><b><a href="#">Eurolite AKKU MBT-3 Spot MK2 User Manual</a></b> 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><b><a href="#">Eurolite TOUCH 512 Stand-alone Player: User Manual and DMX Lighting Controller Guide</a></b> Comprehensive user manual for the Eurolite TOUCH 512 stand-alone DMX lighting controller. Covers installation, configuration, operation, and troubleshooting for professional lighting control.</p>



## [Eurolite CAT-80 Beam Effect User Manual](#)

Comprehensive user manual for the Eurolite CAT-80 Beam Effect lighting fixture, detailing its features, safety guidelines, installation, operation, DMX control, maintenance, and technical specifications.