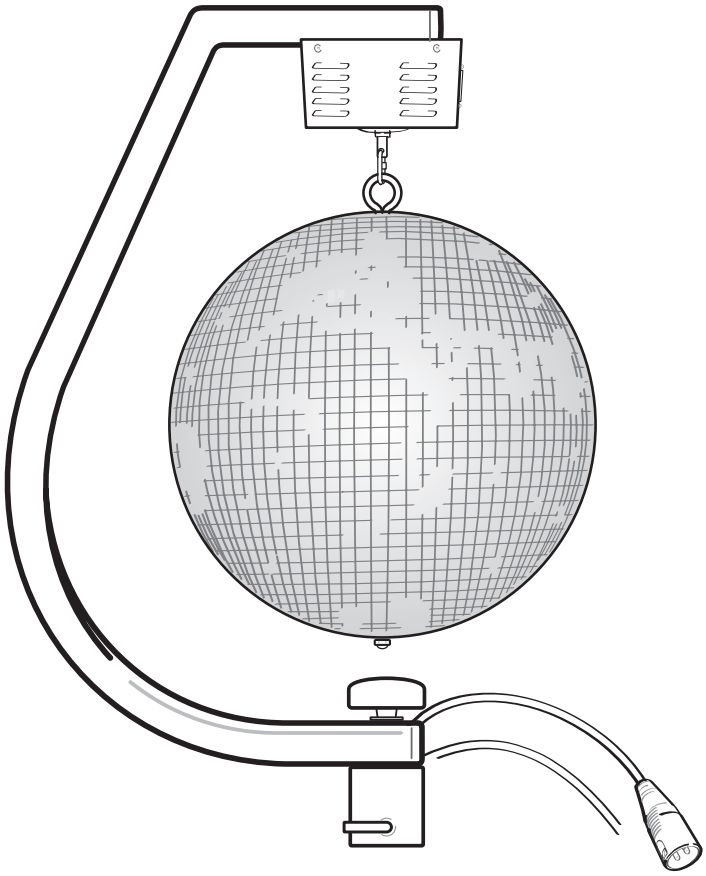
eurolite®

Mirror Ball Mount PRO

with DMX Motor



Bedienungsanleitung
User Manual

eurolite®

Mirror Ball Mount
Stativhalterung mit DMX-steuerbarem Motor für Spiegelkugeln
Stand Mount with DMX-controllable Motor for Mirror Balls

No. 50301027

www.eurolite.de

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For product updates, documentation, software and support please visit www.eurolite.de. You can find the latest version of this user manual in the product's download section.

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INTRODUCTION

Experience Eurolite.
Product videos, suitable accessories, firmware and software updates, documentation and the latest news about the brand. You will find this and much more on our website. You are also welcome to visit our YouTube channel and find us on Facebook.

www.eurolite.de

www.youtube.com/eurolitevideo

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Welcome to Eurolite! Thank you for choosing one of our products. Eurolite is your connection to the world of show with an unparalleled variety of products, both for professionals and beginners.

If you follow the instructions given in this manual, we are sure that you will enjoy this product for a long period of time. This user manual will show you how to install, set up and operate your new Eurolite product.

Users of this product are recommended to carefully read all warnings in order to protect yourself and others from damage. Please keep this manual for future needs and pass it on to further owners.

Product features

- Elegant hanging bracket for parties, weddings and special events
- Adapter (Ø 35 mm) for mounting on stands, podiums DJ booths
- Rotation direction and rotation speed adjustable
- Random rotation
- Easy, tool-free assembly
- Applicable for mirror balls up to 30 cm or 50 cm
- Ready for connection with 3 m mains cable
- Incl. quick chain link
- Sturdy steel version

Package contents

- Stand mount with motor, DMX and power cable
- Stand adapter
- these instructions

IMPORTANT SAFETY INSTRUCTIONS

WARNING!

Please read the safety warnings carefully and only use the product as describe in this manual to avoid accidental injury or damage.

- The rotating mirror ball mount can be fitted to stands with a tube diameter of 35 mm and is suitable for mirror balls with Ø30 cm or Ø50 cm in size.
- This device is designed for professional use in the field of event technology, e.g. on stage. Only use the product according to the instructions given herein. Damages due to failure to follow these operating instructions will void the warranty! We do not assume any liability for any resulting damage.
- Unauthorized rebuilds or modifications of the product are not permitted for reasons of safety and render the warranty invalid.

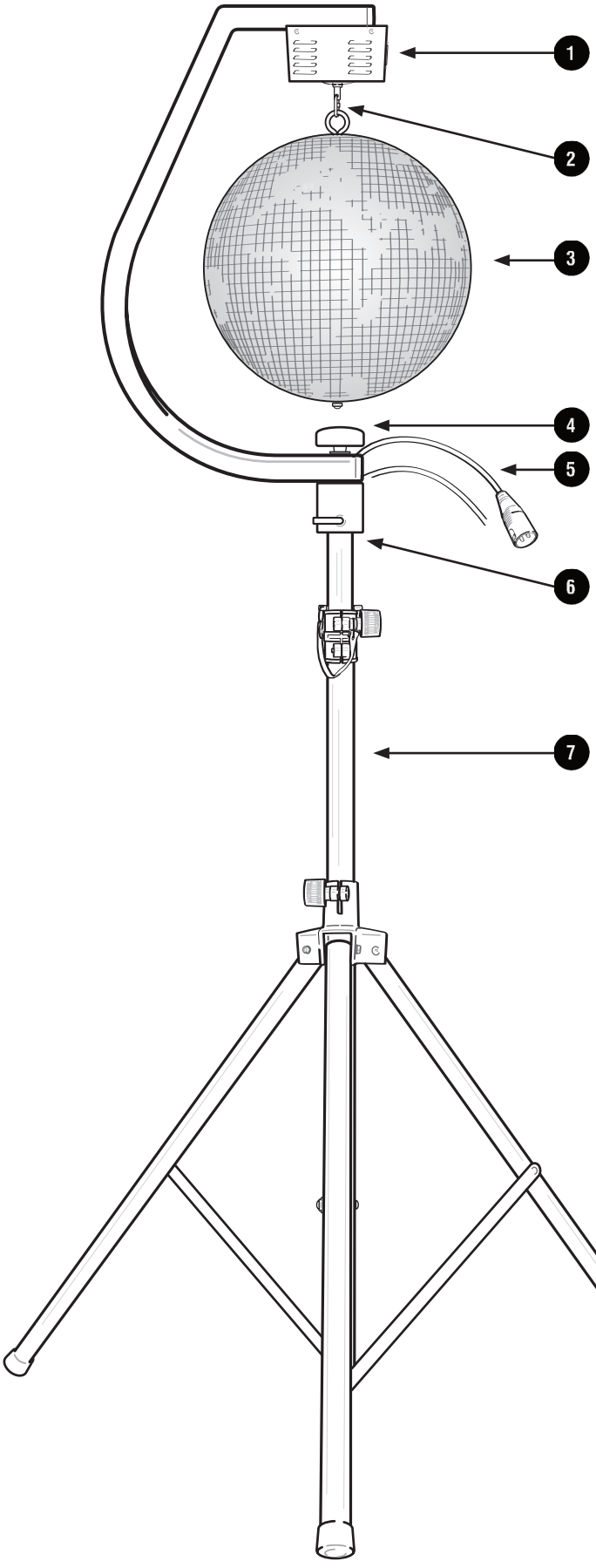
Danger due to electricity

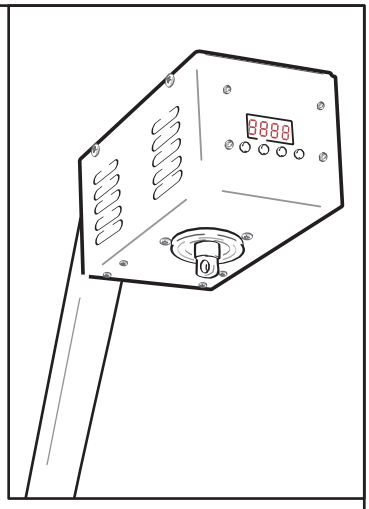
- The device is suitable for indoor use only. Do not use it outdoors. Never expose it to rain or moisture. Do not store it in rooms exposed to moisture.
- To reduce the risk of electric shock, do not open any part of the device. There are no serviceable parts inside the device.
- Only connect the device to a properly installed mains outlet. The outlet must be protected by residual current breaker (RCD). The voltage and frequency must exactly be the same as stated on the device. If the mains cable is equipped with an earthing contact, then it must be connected to an outlet with a protective ground. Never defeat the protective ground of a mains cable. Failure to do so could result in damage to the device and possibly injure the user.
- The mains outlet must be easily accessible so that you can unplug the device quickly if need be.
- Never touch the mains plug with wet or damp hands. There is the risk of potentially fatal electric shock.
- The mains cable must not be bent or squeezed. Keep it away from hot surfaces or sharp edges.
- Never pull the mains cable to disconnect the mains plug from the mains outlet, always seize the plug.
- Unplug the device during lighting storms, when unused for long periods of time or before cleaning.
- Do not expose the device to any high temperatures, direct sunlight, dripping or splashing water, strong vibrations or heavy mechanical stress.
- Do not place any objects filled with liquids on the device.
- Do not place any open sources of fire, such as burning candles, on or directly next to the device.
- Make sure that objects cannot fall into the device, in particular metal parts.
- Only have repairs to the device or its mains cable carried out by qualified service personnel. Repairs are required when the device or the mains cable is visibly damaged, liquid has been spilled or objects have fallen into the device; when the device has been exposed to rain or moisture, has been dropped or malfunctions occur.
- Cleaning of the device is limited to the surface. Make sure that moisture does not come into contact with any areas of the terminal connections or mains voltage control parts. Only wipe off the product with a soft lint-free and moistened cloth. Never use solvents or aggressive detergents.

Warning – risk of injuries and material damage

- This product is not a toy. Keep it out of the reach of children. Do not leave packaging material lying around carelessly.
- Devices in overhead installations may cause severe injuries when crashing down! Make sure that the mount and mirror ball are installed securely and cannot fall down. Do not exceed the maximum load capacity specified of the bracket.
- For commercial use the country-specific accident prevention regulations of the government safety organization for electrical facilities must be complied with at all times.
- Make sure that no side forces can impact on the installation and the rotation of the mirror ball is never slowed down or stopped by decoration material etc.
- When handling mirror balls always wear gloves. Observe the danger of cutting and splintering by glass!
- Handle the product with care; it can be damaged by impacts, blows, or accidental falls, even from a low height.
- Before taking into operation, check upon possible damages. If defective, the bracket must not be taken into operation.

DESCRIPTION OF PARTS





(1) Control unit

(2) Mirror ball attachment

(3) Mirror ball (max. 10 kg)

(4) Stand adapter

(5) DMX & power

(6) Tightening knob

(7) Stand

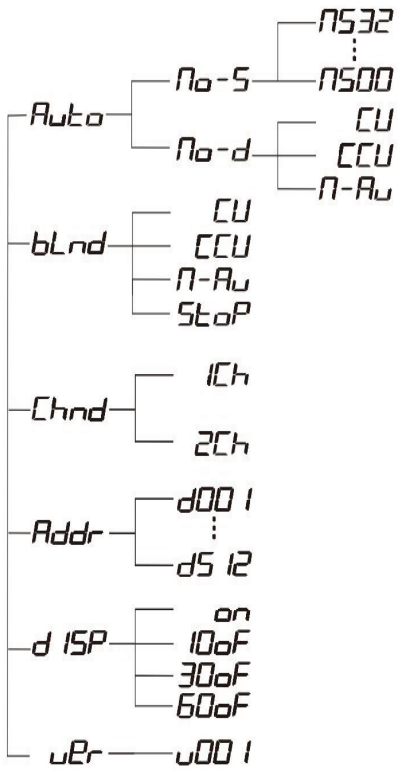
OPERATION

After connection to the mains, the device is ready for operation. The display shows the last operating mode. Now make the necessary menu settings for the respective operating mode using the operating buttons. All settings remain stored even if the device is disconnected from the mains:

Operating buttons

Button	Function
MENU	Selects the operating mode or returns to the initial screen
ENTER	Selects next menu item and confirm setting
▲	Sets values and selects an option
▼	Sets values and selects an option

Menu structure

Mode	Function
	Automatic operation with adjustable speed and direction of rotation
	Behavior when DMX signal is missing
	Number of DMX channels
	DMX address
	Display deactivation
	Software version

AUTOMATIC MODE

In automatic mode without DMX controller, the rotation speed and direction can be adjusted.

1 Press the **MENU** button repeatedly until the display shows **AUTO** mode. Confirm with the **ENTER** button.

2 Use the **UP** and **DOWN** buttons to switch between the menu items **MO-S** (rotation speed) and **MO-D** (rotation direction). Confirm with **ENTER**.

3 In the **MO-S** menu, use the **UP** and **DOWN** buttons to set the running speed from:

00 = stop

01 = slow rotation (0.3 RPM)

32 = fast rotation (3 RPM)

Confirm with the **ENTER** button.

4 In the **MO-D** menu, use the **UP** and **DOWN** buttons to set the rotation direction:

CU = forwards rotation

CCU = backwards rotation

M-AU = random rotation (speed and direction keep changing)

Confirm with the **ENTER** button.

DMX OPERATION

For operation via a controller with DMX512 protocol, connect the devices via the DMX cable.

Setting the number of DMX channels

The device is equipped with 2 control channels, yet it may be switched to a mode with 1 channel.

1 Press the **MENU** button repeatedly until the display shows **CHMD**. Confirm with the **ENTER** button.

2 The display indicates **1 CH** (1 DMX channel) or **2 CH** (2 DMX channels). Select the desired DMX channel mode with the **UP** and **DOWN** buttons. Confirm with the **ENTER** button.

Setting the DMX start address

To be able to operate the device with a DMX controller, the DMX start address must be set. This depends on your DMX controller. Please read the documentation of the controller.

1 Press the **MENU** button repeatedly until the display shows **ADDR**. Confirm with the **ENTER** button.

2 Use the buttons **UP** and **DOWN** to select the desired number of DMX channels (1-512) and confirm with **ENTER**.

Functions in DMX mode

2-channel mode

Channel	Value	Function
1	000 – 127	Forwards rotation
	128 – 255	Backwards rotation
2	000	Stop
	001 – 255	Rotation speed slow > fast

1-channel mode

Channel	Value	Function
1	000	Stop
	001 – 127	Forwards rotation slow > fast
	128	Stop
	129 – 255	Backwards rotation slow > fast

Setting the behavior in case of missing DMX signal
Use the **BLND** menu to define how the device should behave if it does not receive a DMX signal.

1 Press the **MENU** button repeatedly until the display shows **BLND**. Confirm with the **ENTER** button.
2 Use the buttons **UP** and **DOWN** to select a mode:
CU = forwards rotation
CCU = backwards rotation
M-AU = random rotation (speed and direction keep changing)
STOP = no rotation
Press **ENTER** to confirm the setting.

SYSTEM SETTINGS

Display deactivation
The display can be switched on or off.

1 Press the button **MENU** so many times until **DISP** is indicated in the display. Confirm with the **ENTER** button.
2 Use the buttons **UP** and **DOWN** to select a mode:
ON = display will always be on
10oF = display off 10 seconds after pressing the last button (press any key to switch back on)
30oF = display off after 30 seconds
60oF = display off after 30 seconds
Press **ENTER** to confirm the setting.

Indicate software version
To indicate the version number of the firmware (operating system of the unit), press the button **MENU** so many times until **VER** is indicated in the display. Confirm with the **ENTER** button. The version will be indicated in the display.

CLEANING AND MAINTENANCE

The outside of the device should be cleaned periodically to remove contaminants such as dust etc.

1 Disconnect the device from power and allow it to cool before cleaning.
2 Clean the surface with a soft lint-free and moistened cloth. Never use alcohol or solvents as these may damage the surface. Make sure that no liquids can enter the device.
3 The device must be dry before reapplying power.

There are no serviceable parts inside. Do not open the housing. Do not try to repair the device by yourself as this may result in damage. Maintenance and service operations are only to be carried out by authorized dealers. Should you need any spare parts, please use genuine parts. Should you have further questions, please contact your dealer.

Replacing the fuse
If the fine-wire fuse of the device fuses, only replace the fuse by a fuse of same type and rating.

1 Disconnect the device from power and allow it to cool.
2 Open the fuse holder of the mains connection at the rear of the control panel with a fitting screwdriver.
3 Remove the old fuse from the fuse holder and replace it with a new fuse.
4 Carefully push the fuse holder back into its position before reapplying power.

TECHNICAL SPECIFICATIONS

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	7 W
Power connection:	Fixed power supply cord with safety plug
Rotation:	0-3 RPM
Maximum diameter of mirror ball	50 cm
Maximum load:	10 kg
DMX input:	3-pin XLR (M)
DMX channels:	1, 2
Dimensions	95 x 400 x 825 mm
Weight:	2.3 kg

Specifications are subject to change without notice due to product improvements.

Accessories

No. 5010110A	Mirror Ball 50cm silver
No. 50120038	Mirror Ball 50cm gold
No. 50120065	Mirror Ball 50cm black
No. 32000040	2x Stage Stand 100cm incl. Cover and Bag
No. 32000050	2x Stage Stand variable incl. Cover and Bag
No. 32000060	2x Stage Stand 150cm curved incl. Cover and Bag
No. 60004164	BS-2 EU Speaker-System Stand
No. 60004185	M-4 Speaker-System Stand

PROTECTING THE ENVIRONMENT



Disposal of old equipment
When to be definitively put out of operation, take the product to a local recycling plant for a disposal which is not harmful to the environment. Devices marked with this symbol must not be disposed of as household waste. Contact your retailer or local authorities for more information. Remove any inserted batteries and dispose of them separately from the product.



You as the end user are required by law (Battery Ordinance) to return all used batteries/ rechargeable batteries. Disposing of them in the household waste is prohibited. You may return your used batteries free of charge to collection points in your municipality and anywhere where batteries/rechargeable batteries are sold. By disposing of used devices and batteries correctly, you contribute to the protection of the environment.

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