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eurolite[®]

eurolite DMX IP SPLIT 8 Splitter



INTRODUCTION

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.

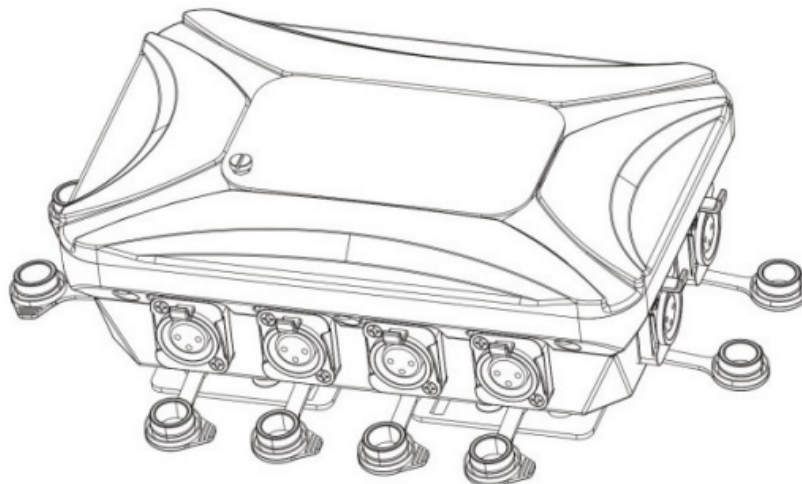
Users of this product are recommended to carefully read all warnings in order to protect themselves and others from damage. Please keep this manual for future needs and pass it on to further owners.

Product features

- Weather-proof aluminum die-cast housing (IP65)
- 1 DMX input to 8 outputs
- 1 DMX feed-through output
- Input and outputs are galvanically isolated
- LEDs for monitoring the operating status
- Flexible mounting options

What is included

- Splitter
- Mains cable
- This user manual



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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.



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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.

Intended use

- The 8-fold splitter is designed for reliable distribution and boosting of DMX512 signals. The device is rated IP65 and can be operated and mounted outdoors. The unit features one DMX input and eight galvanically isolated DMX outputs as well as a feed-through terminal for connection to an additional splitter.
- This device is designed for professional use in the field of event technology, e.g. on stage. Only use the device 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.
- We do not assume any liability for material and personal damage caused by improper use or non-compliance with the safety instructions. In such cases, the warranty/guarantee will be null and void.
- Unauthorized rebuilds or modifications of the device are not permitted for reasons of safety and render the warranty invalid.

- If a serial number label is affixed to the device, do not remove the label as this would make the guarantee void.

Danger due to electricity

- To reduce the risk of electric shock, do not open any part of the device. There are no serviceable parts inside the device.
- Do not immerse the product in water, this will destroy it. Furthermore, this could cause a lethal electric shock!
- 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 lightning storms, when unused for long periods of time or before cleaning.
- Do not expose the device to any high temperatures, direct sunlight, strong vibrations or heavy mechanical stress.
- 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, when the device 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

- Make sure that the product is set up or installed safely and expertly and prevented from falling down. Comply with the standards and rules that apply in your country.
- For commercial use the country-specific accident prevention regulations of the government safety organization for electrical facilities must be complied with at all times.
- If you lack the qualification, do not attempt the installation yourself, but instead use a professional installer. Improper installation can result in bodily injury and or damage to property.
- The manufacturer cannot be made liable for damages caused by incorrect installations or insufficient safety precautions.
- For overhead use, always secure the device with a secondary safety attachment such as a safety bond or safety net.
- Make sure that the area below the installation place is blocked when rigging, derigging or servicing the device.

Danger to children and people with restricted abilities

- This product is not a toy. Keep it out of the reach of children and pets. Do not leave packaging material lying around carelessly. Never leave this device running unattended.
- This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

Caution – material damage

Please use the original packaging to protect the device against vibration, dust and moisture during transportation or storage.

PROTECTING THE ENVIRONMENT

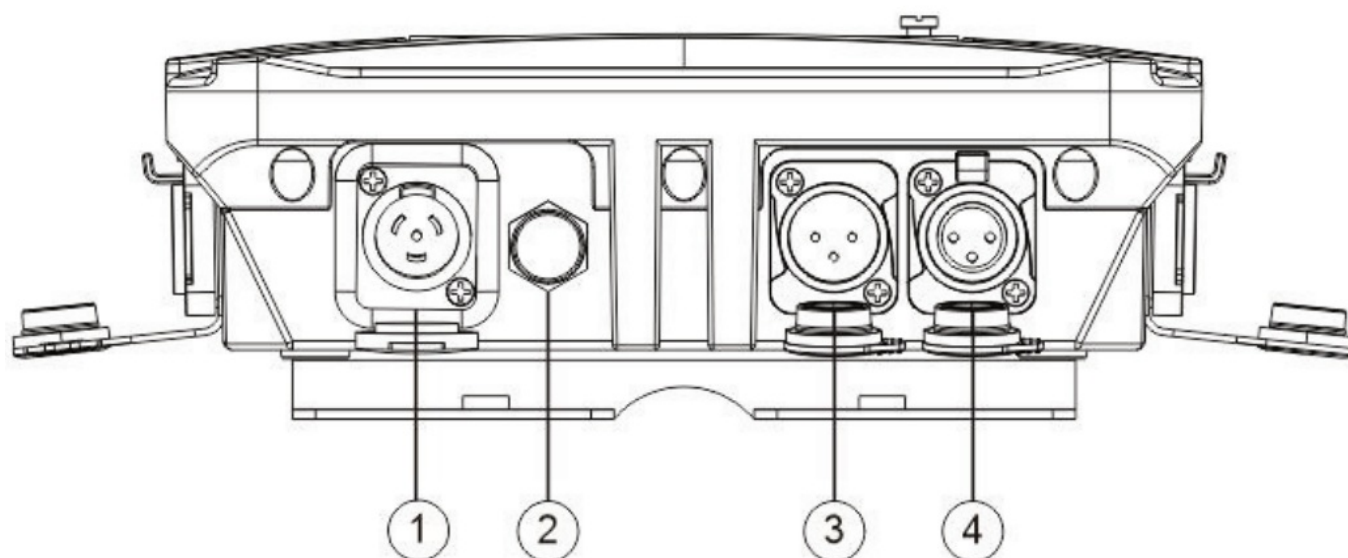


Disposal of old equipment

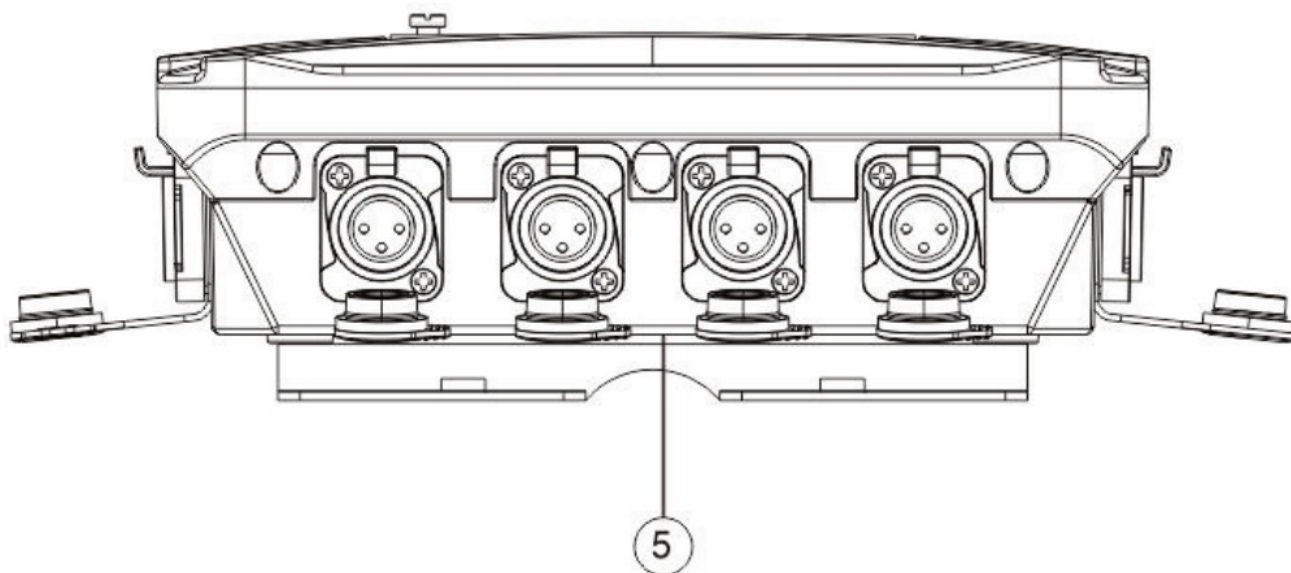
When to be definitively put out of operation, take the product to a local recycling plant for a disposal which is not harmful to the environment. Devices marked with this symbol must not be disposed of as household waste. Contact your retailer or local authorities for more information. Remove any inserted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

OPERATING ELEMENTS AND CONNECTIONS

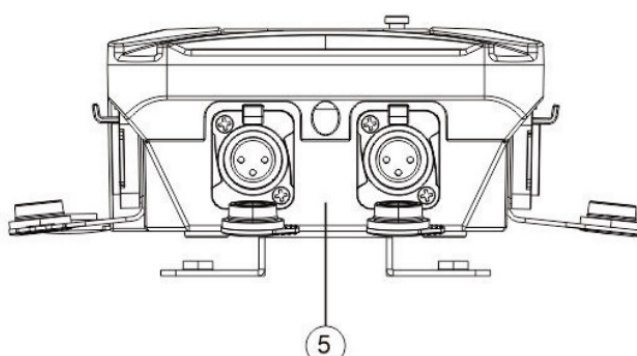
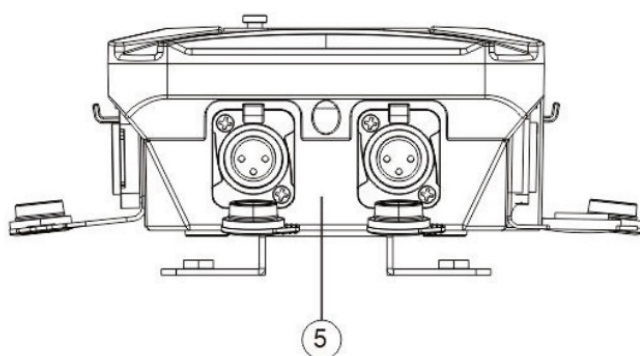
Front panel



Rear panel



Left and right panel

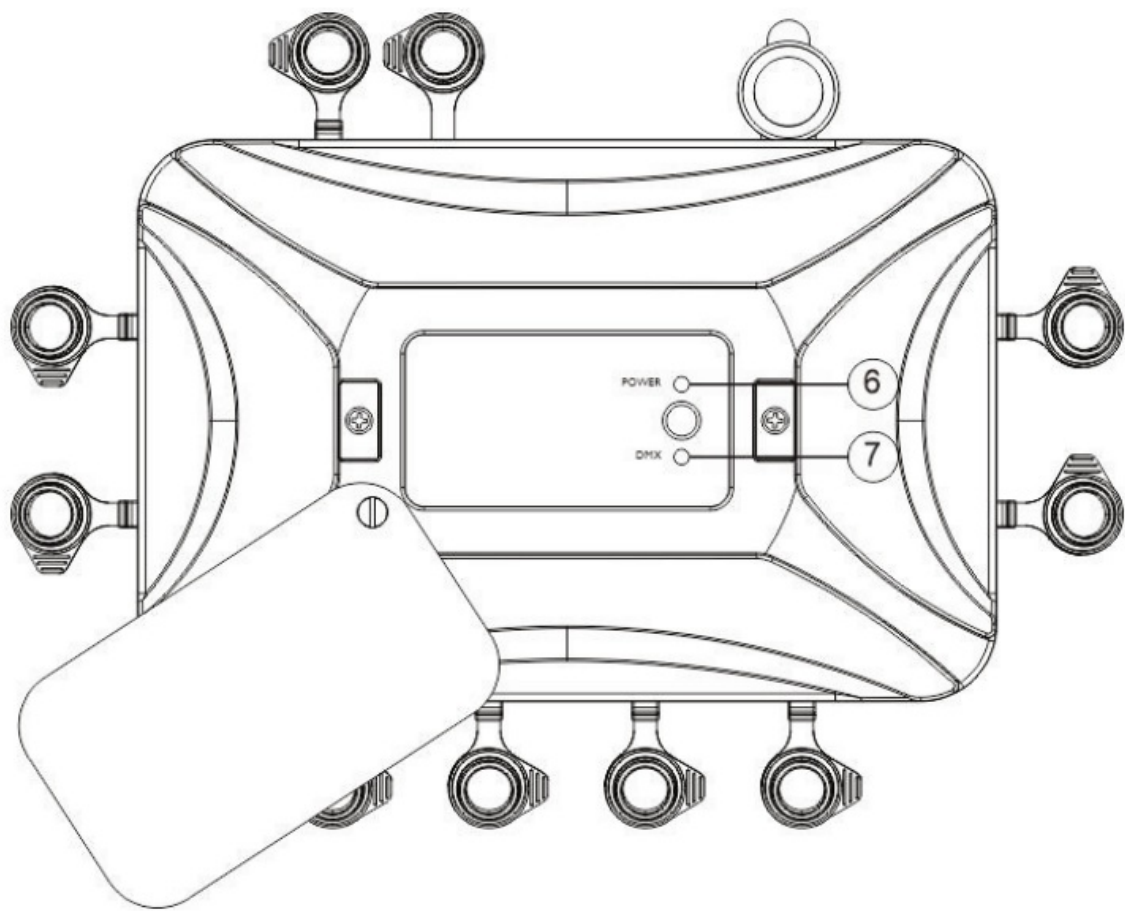


N o.	Element	Function
1	Power input	Lockable IP T-Con jack for connection to 100-240 volts via the mains cable provided.
2	Pressure compensation element	Prevents temperature-related pressure changes inside the device.
3	DMX512 input (1)	3-pin IP XLR plug to connect the DMX control signal.
4	DMX512 feed-through output (1)	Direct DMX output for connecting additional DMX devices or DMX splitters within the same DMX chain as the DMX input.

5	DMX512 outputs (8)	3-pin IP XLR jacks to connect DMX chains.
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Note: When connected correctly, the power and DMX sockets are protected from spraying water according to IP65. When not in use, make absolutely sure to close the sockets with the rubber sealing caps.

Top panel



N o.	Element	Function
6	Power indicator	Lights when the device is powered on.
7	Signal indicator	Lights when the device receives a DMX signal.

SETUP

Installation

The mounting brackets on the base allow flexible mounting options. The device can be

attached to the wall using the eyelets. The M10 threads allow mounting on a truss or similar rigging structure. Make sure that the pressure compensation element does not face up. The device must never be fixed swinging freely in the room.

Notes

- This device is dust-tight and protected against splash water from any angle, making it suitable for outdoor use. It is designed for temporary use, however, in the context of events and not for permanent outdoor use.
- The seals and screw connections of the equipment must be checked regularly to ensure a fault-free operation. In cases of doubt, consult a specialist workshop in due time.

Suspended installation

WARNING!

Risk of injury caused by falling objects

Devices in overhead installations may cause severe injuries when crashing down. Make sure that the device is installed securely and cannot fall down. The installation must be carried out by a specialist who is familiar with the hazards and the relevant regulations.

1. The rigging structure must support at least 10 times the weight of all fixtures to be installed on it.
2. Block access below the work area and work from a stable platform when installing the device.
3. Use rigging hardware that is compatible with the structure and capable of bearing the weight of the device. Please refer to the “Accessories” section for a list of suitable rigging hardware.
4. Secure the device with a safety bond or other secondary attachment. This secondary safety attachment must be sufficiently dimensioned in accordance with the latest industrial safety regulations and constructed in a way that no part of the installation can fall down if the main attachment fails. Use the openings of the mounting brackets for fixation of the safety bond. Fasten the safety bond in such a way that, in the event of a fall, the maximum drop distance of the device will not exceed 20 cm.

5. After installation, the device requires inspections periodically to prevent the possibility of rot, deformation and looseness.

DMX512 connection

For connection, use special DMX cables for high data flow. All jacks are galvanically isolated.

1. Feed the DMX control signal to the XLR input (3).
2. Each of the unit's DMX outputs (5) allows connection of one DMX chain, which in turn may consist of a maximum of 32 DMX devices. At the last fixture in the DMX chain, the DMX line has to be terminated by a resistor (120 Ω).
3. You can connect an additional DMX splitter or continue a DMX chain via the DMX feed-through output (4).

Mains connection

Connect the mains cable provided to the power input (1) and to a grounded mains socket.

LED indicators

When the unit is powered on the red power (6) indicator is lit up. When the unit receives a DMX signal the green DMX indicator (7) comes on.

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.

TECHNICAL SPECIFICATIONS

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	4 W
IP classification:	IP65
Protection class:	Protection class I
Power connection:	IP T-Con (M) power cord with safety plug included
DMX input:	1 x 3-pin XLR (M) IP
DMX output:	1 x 3-pin XLR (F) IP
	8 x 3-pin XLR (F) IP, galvanically separated
Status LED:	Signal, DMX
Material:	Aluminum casting
Color:	Black
Dimensions:	Length: 22.5 cm
	Width: 15.0 cm
	Height: 8.5 cm
Weight:	2.1 kg

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

Pin connection:

DMX-output
XLR mounting-socket:



DMX-input
XLR mounting-plug:



Accessories

No. 59006869	TPC-32 Coupler, black
No. 58010372	Safety Bond UNV-5 3x600mm up to 5kg silver

CONTACT



Eurolite is a brand of Steinigke Showtechnic GmbH · Andreas-Bauer-Str. 5 ·
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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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Documents / Resources

	eurolite DMX IP SPLIT 8 Splitter [pdf] User Manual 604698, 70064827, DMX IP SPLIT 8 Splitter, DMX IP SPLIT 8, Splitter
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References

- [User Manual](#)

604698, 70064827, DMX IP SPLIT 8, DMX IP SPLIT 8 Splitter, eurolite, eurolite Splitter

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