

This device is designed to amplify the DMX signal and split a single control signal line into four. It features one 3-pin DMX input and four 3-pin outputs, with power supply galvanic isolation and individual galvanic isolation for each channel. It supports Hi-speed DMX (1024 channels) and RDM.



Features

Network connection

The DMX splitter connects to a 220V AC power supply

DMX input and output power supply

Each DMX input and output is powered by its own voltage converter (the outputs are galvanically isolated from each other and from the input regarding power supply). The DMX channels retransmit the signal via galvanic isolation. This protects devices connected to other control lines in the event of lighting fixture failure or DMX line malfunction.

Convenience in work

The connector pinout is indicated on the front panel of the device.

Shockproof case

The splitter is housed in a shockproof aluminum enclosure and is designed for wall or ceiling mounting.

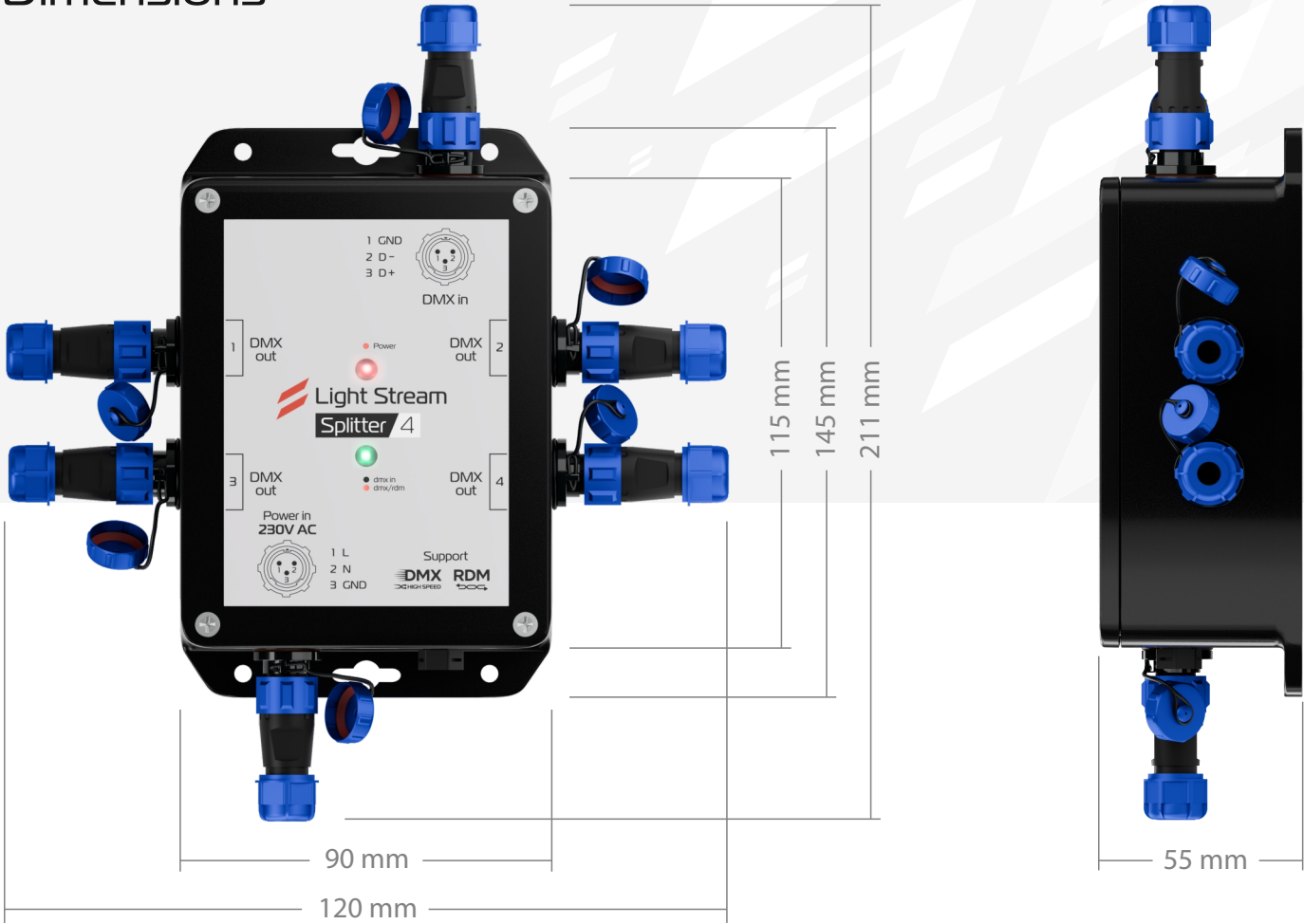
Reliability and speed

The galvanic isolation of the DMX signal does not use LEDs, but a more advanced, reliable and high-speed method, devoid of such disadvantages of LEDs as their degradation during operation.

Sealed connection connectors

The power and DMX connectors included in the package are waterproof with an IP65 protection rating. The front panel (under the overlay/label) features status indicators: a power indicator (red LED) and a DMX input signal indicator (green LED).

Dimensions



Installation procedure

- 1. Connect the power supply, making sure that you are connecting to the correct mains voltage according to the power supply specifications. After successful connection, the power indicator (red LED) will illuminate.
- 2. Connect the cable to the DMX input connector (DMX IN). If there is a signal at the input, the DMX input indicator will light up (green LED). If there is no signal, the LED will not light.
- 3. Connect the desired number of output lines to the DMX OUT connectors.
- 4. The device is ready for use.

Technical specifications

Number of DMX inputs	1
Number of DMX outputs	4
Power supply voltage	85-264V AC
Power supply indication	Yes (red LED)
Indicates the presence of an incoming DMX signal	Yes (green LED)
Galvanic isolation of power supply channels	Yes
Galvanic isolation of DMX outputs signal	Yes
Protection class of the device	IP65

Maintenance

Connecting cables and wires must be in good condition and securely fastened.

Safety

- Do not expose the unit to rain or moisture, as this will void the warranty.
- The device is protected against water jets, splashes, and severe weather conditions. It can be safely washed with a garden hose or cleaned with a damp cloth. It operates uninterrupted under heavy rain, intense snowfall, and stormy winds.

Strictly Prohibited:

Submersion in water. An IP65-rated device must never be submerged under water, even for a second or at the shallowest depth. The enclosure is not designed to withstand hydrostatic pressure, and water will instantly penetrate inside.

Supply package

- Light Stream Splitter 4 RDM
- Connectors

Certification



Warranty service is not provided:

- In the event of mechanical or other damage to the delivered Goods caused by the Buyer
- To lamps, fuses, galvanic isolation units, and protection devices
- In the event that the Goods are repaired by the Buyer independently or through third-party organizations
- In the event of any modification to the design of the Goods
- To equipment or its components operated in violation of power quality and capacity requirements pursuant to GOST 13109-97 for power supply, under emergency conditions, or subjected to lightning strikes, fire, or other extreme conditions
- To components of the Goods (including cables, external power supply units, and packaging)
- To parts not included in the scope of delivery; In the event of a violation of the wiring/connection diagram
- In the event of non-compliance with storage, transportation, and operation rules
- In the event of exposure of the product to chemicals or abrasive detergents
- In the event of product failure due to the fault of the Buyer (owner) resulting from using the product for purposes other than its functional purpose specified in the product data sheet (passport)
- In the event of product damage caused by natural disasters or fire
- In the absence of the manufacturer's (Supplier's) identification/markings sticker on the Goods