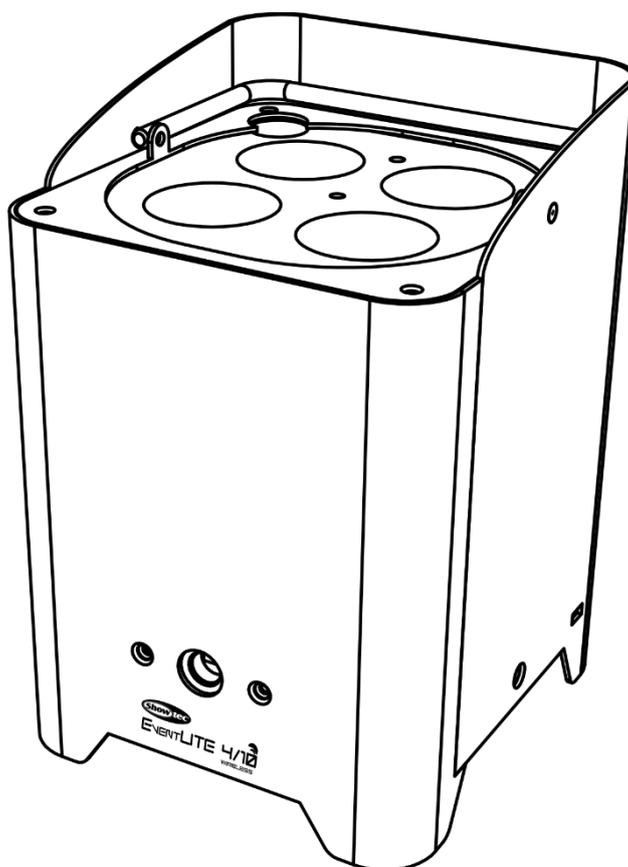




**MANUAL**



**ENGLISH**

**EventLITE 4/10 Q4**

**V1**

**Ordercode: 44060**

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## Warning



**For your own safety, please read this user manual carefully  
before your initial start-up!**

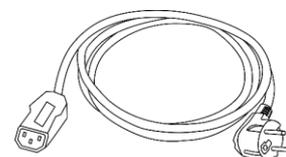
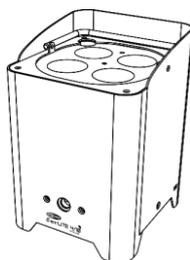


### Unpacking Instructions

Immediately upon receiving this product, carefully unpack the carton and check the contents to ensure that all parts are present, and have been received in good condition. Notify the dealer immediately and retain packing material for inspection if any parts appear to be damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that the fixture must be returned to the factory, it is important that the fixture be returned in the original factory box and packing.

### Your shipment includes:

- EventLITE 4/10 Q4
- IEC power cable (1,5 m)
- User manual



### LED Expected Lifespan

LEDs gradually decline in brightness over time. HEAT is the dominant factor that leads to the acceleration of this decline. Packaged in clusters, LEDs exhibit higher operating temperatures than in ideal or singular optimum conditions. For this reason when all color LEDs are used at their fullest intensity, life of the LEDs is significantly reduced. If improving the lifespan is of higher priority, place care in providing for lower operational temperatures. This may include climatic-environmental and the reduction of overall projection intensity



### CAUTION!

**Keep this device away from rain and moisture!  
Unplug mains lead before opening the housing!**



### Safety Instructions

Every person involved with the installation, operation and maintenance of this device has to:

- be qualified
- follow the instructions of this manual



**CAUTION! Be careful with your operations.  
With a dangerous voltage you can suffer  
a dangerous electric shock when touching the wires!**



Before your initial start-up, please make sure that there is no damage caused by transportation. Should there be any, consult your dealer and do not use the device.

To maintain perfect condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes written in this manual.

Please consider that damages caused by manual modifications to the device are not subject to warranty.

This device contains no user-serviceable parts. Refer servicing to qualified technicians only.

**IMPORTANT:**

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.

- Never let the power cord come into contact with other cables! Handle the power cord and all connections with the mains with particular caution!
  - Never remove warning or informative labels from the unit.
  - Never use anything to cover the ground contact.
  - Never place any material over the lens.
  - Never look directly into the light source.
  - Never leave any cables lying around.
  - Do not connect this device to a dimmer pack.
  - Do not switch the device on and off in short intervals, as this would reduce the device's lifespan.
  - Do not touch the device's housing bare-handed during its operation. Allow the fixture to cool for at least 5 minutes before handling.
  - Do not shake the device. Avoid brute force when installing or operating the device.
  - Only use device indoors, avoid contact with water or other liquids.
  - Only operate the fixture after having checked that the housing is firmly closed and all screws are tightly fastened.
  - Only operate the device after having familiarized with its functions.
  - Avoid flames and do not put close to flammable liquids or gases.
  - Always keep case closed while operating.
  - Always allow free air space of at least 50 cm around the unit for ventilation.
  - Always disconnect power from the mains, when device is not used or before cleaning! Only handle the power cord by the plug. Never pull out the plug by tugging the power cord.
  - Make sure that the device is not exposed to extreme heat, moisture or dust.
  - Make sure that the available voltage is not higher than stated on the rear panel.
  - Make sure that the power cord is never crimped or damaged. Check the device and the power cord from time to time.
  - If the lens is obviously damaged, it has to be replaced to prevent its functions from being impaired, due to cracks or deep scratches.
  - If device was dropped or struck, disconnect mains power supply immediately. Have a qualified engineer inspect for safety before operating.
  - If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
  - If your Showtec device fails to work properly, discontinue use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Showtec dealer for service.
  - For adult use only. Device must be installed out of reach of children. Never leave the unit running unattended.
  - Never attempt to bypass the thermostatic switch or fuses.
  - The user is responsible for correct positioning and operating of the EventLITE.
  - The manufacturer will not accept liability for damages caused by the misuse or incorrect installation of this device.
  - This device falls under protection class I. Therefore it is essential to connect the yellow/green conductor to earth.
  - Repairs, servicing and electrical connection must be carried out by a qualified technician.
  - WARRANTY: Till one year after date of purchase.
  - WARRANTY: on batteries is only 6 months after date of purchase.
- When your battery remains flat after charging or it does not function or does not charge anymore, you can order a new battery. The spare part number of the battery is on request.



**CAUTION! Eyedamages!!!**  
**Avoid looking directly into the lightsource!!!**  
**(meant especially for epileptics)!!!**



## Operating Determinations

- This device is not designed for permanent operation. Regular operation breaks will ensure that the device will serve you for a long time without defects.
- The minimum distance between light output and the illuminated surface must be bigger than 0,5 meter.
- In order to eliminate wear and improve the device's lifespan, during periods of non-use, completely disconnect from power source via breaker or by unplugging.
- The maximum ambient temperature  $t_a = 40^{\circ}\text{C}$  must never be exceeded.
- The relative humidity must not exceed 50 % with an ambient temperature of  $40^{\circ}\text{C}$ .
- If this device is operated in any other way than the one described in this manual, the product may suffer damages and the warranty becomes void.
- Any other operation may lead to dangers like short-circuit, burns, electric shock, crash etc.

## Rigging

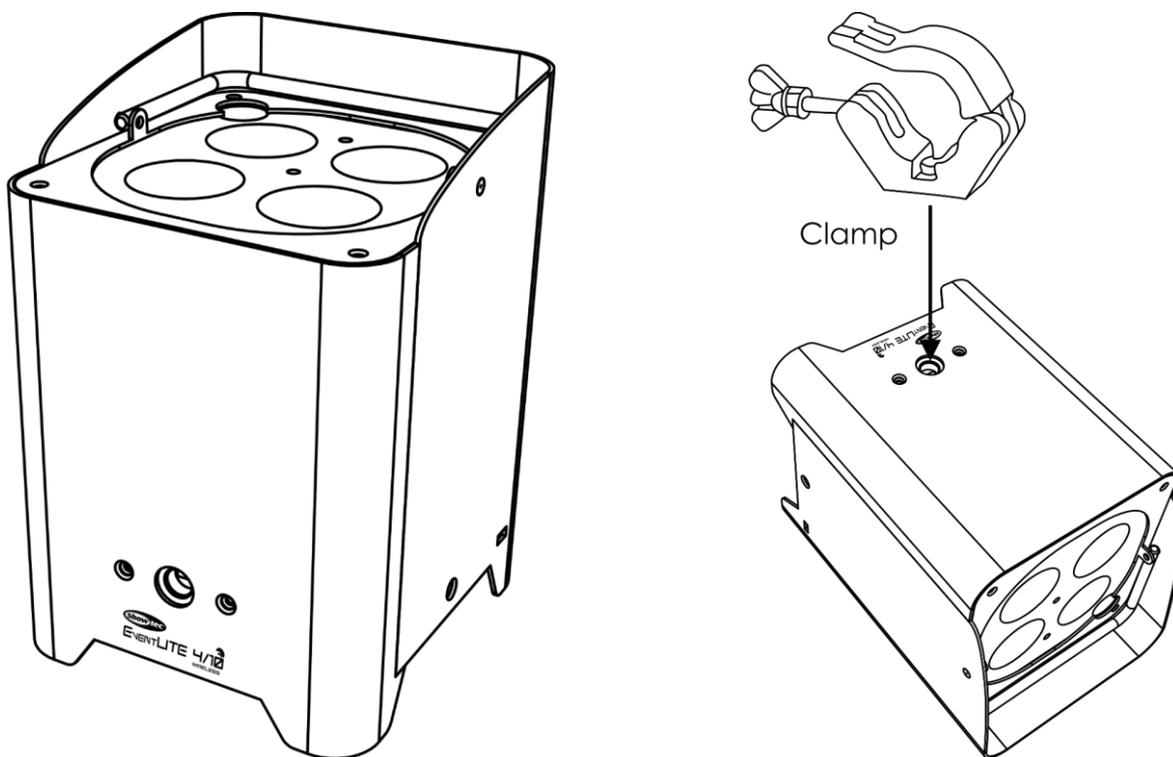
Please follow the European and national guidelines concerning rigging, trussing and all other safety issues.

*Do not attempt the installation yourself !*

*Always let the installation be carried out by an authorized dealer !*

## Procedure:

- If the EventLITE is lowered from the ceiling or high joists, professional trussing systems have to be used.
- Use a clamp to mount the EventLITE, with the mounting bracket, to the trussing system.
- The EventLITE must never be fixed swinging freely in the room.
- The installation must always be secured with a safety attachment, e.g. an appropriate safety net or safety cable.
- When rigging, derigging or servicing the projector, always make sure, that the area below the installation site is secured and that there are not any unauthorized people around.



The EventLITE can be placed on a flat stage floor or mounted to any kind of truss with a clamp.

*You endanger your own safety and the safety of others!*

*Improper installation can cause serious injuries and/or damage of property!*

**Connection with the mains**

Connect the device to the mains with the power plug.  
Always check if the right color cable is connected to the right place.

International	EU Cable	UK Cable	US Cable	Pin
L	BROWN	RED	YELLOW/COPPER	PHASE
N	BLUE	BLACK	SILVER	NEUTRAL
	YELLOW/GREEN	GREEN	GREEN	PROTECTIVE GROUND

*Make sure that the device is always connected properly to the earth!*

*Improper installation can cause serious damage to people and property!*



**⚠ Return Procedure ⚠**

Returned merchandise must be sent prepaid and in the original packing, call tags will not be issued. Package must be clearly labeled with a Return Authorization Number (RMA number). Products returned without an RMA number will be refused. Highlite will not accept the returned goods or any responsibility. Call Highlite 0031-455667723 or mail [aftersales@highlite.com](mailto:aftersales@highlite.com) and request an RMA prior to shipping the fixture. Be prepared to provide the model number, serial number and a brief description of the cause of the return. Be sure to properly pack fixture as any shipping damage resulting from inadequate packaging is the customer's responsibility. Highlite reserves the right to use its own discretion to repair or replace product(s). As a suggestion, proper UPS packing or double-boxing is always a safe method to use.

**Note: If you are given an RMA number, please include the following information on a piece of paper inside the box:**

- 01) Your name.
- 02) Your address.
- 03) Your phone number.
- 04) A brief description of the symptoms.

**Claims**

The client has the obligation to check the delivered goods immediately upon delivery for any shortcomings and/or visible defects, or perform this check after our announcement that the goods are at their disposal. Damage incurred in shipping is the responsibility of the shipper; therefore the damage must be reported to the carrier upon receipt of merchandise.

It is the customer's responsibility to notify and submit claims with the shipper in the event that the fixture is damaged due to shipping. Transportation damage has to be reported to us within one day after receipt of the delivery.

Any return shipment has to be made post-paid at all times. Return shipments must be accompanied with a letter defining the reason for return shipment. Non-prepaid return shipments will be refused, unless agreed otherwise in writing.

Complaints against us must be made known in writing or by fax within 10 working days after receipt of the invoice. After this period, complaints will not be handled anymore.

Complaints will only be considered if the client has so far complied with all parts of the agreement, regardless of the agreement of which the obligation is resulting.

## Description of the device

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### Features

The EventLITE 4/10 Q4 is a wireless LED battery spot from Showtec.

- Light source: 4 x 10W RGBW LEDs
- Wireless DMX by Wireless Solutions Sweden
- Controllable with an optional IR remote
- Eco mode for extended battery life
- Security: Kensington lock eye
- Input voltage: 100-240V AC, 50/60Hz
- Battery type: Lithium-ion
- Battery storage: 4,16Ah
- Light source: 4 x 10W RGBW LEDs
- Operating time at Full On: 5 hours (at full RGBW) / 12 hours (using a single color)
- Charging time: 10 hours
- Spare battery: On request
- OLED display for easy setup
- Control Protocol: DMX512, wireless DMX512
- DMX channels: 4, 6, 9 channels
- Control modes: Built-in Programs, Manual, Auto, Master/Slave, Wireless Master/Slave, DMX, W-DMX
- Beam angle: 15°
- Dimmer: 0-100%
- Strobe: 0-15Hz
- Housing: Metal
- IP rating: IP54 (top) / IP20 (bottom)
- Connections: IEC Power IN, 3-pin XLR IN/OUT
- Cooling: Aluminum heatsink
- Operating Temperature: -10°C~+40°C
- Dimensions: 140 x 140 x 205 mm (LxWxH)
- Weight: 3,2 kg

**Note:** Knowledge of DMX is required to fully utilize this unit.

### Optional accessories

[44001](#) – Raincover for EventLITE 6/3, 7/4 and 4/10

[44061](#) – Eventlite 4/10 Q4 Set + flight case

[44062](#) – IR remote for EventLITE 4/10 Q4

[44063](#) – Carrying bag for 4 PCS EventLITE 4/10 Q4

[50175](#) – W-DMX MicroBox F-1 G5 Transceiver

Overview

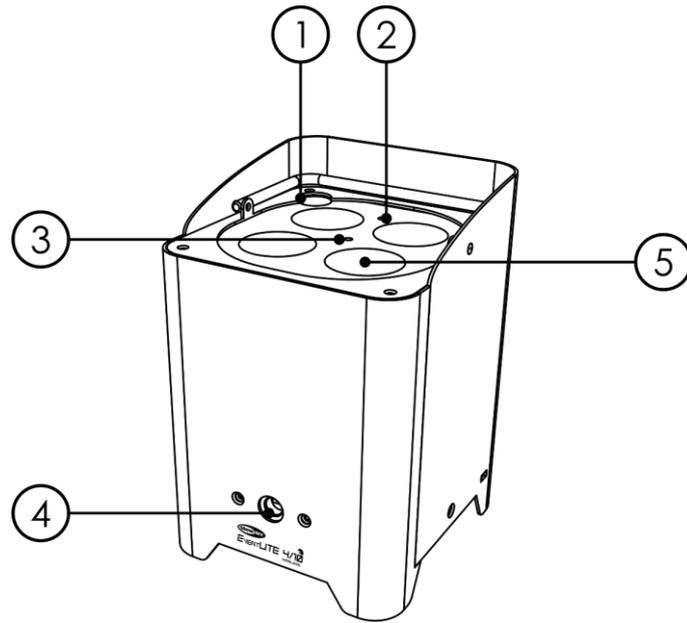


Fig. 01

- 01) Wireless DMX receiving antenna
- 02) IR remote sensor
- 03) Charging indicator
- 04) Mounting hole for truss clamp (M10)
- 05) 4 x 10W RGBW LEDs

Bottom

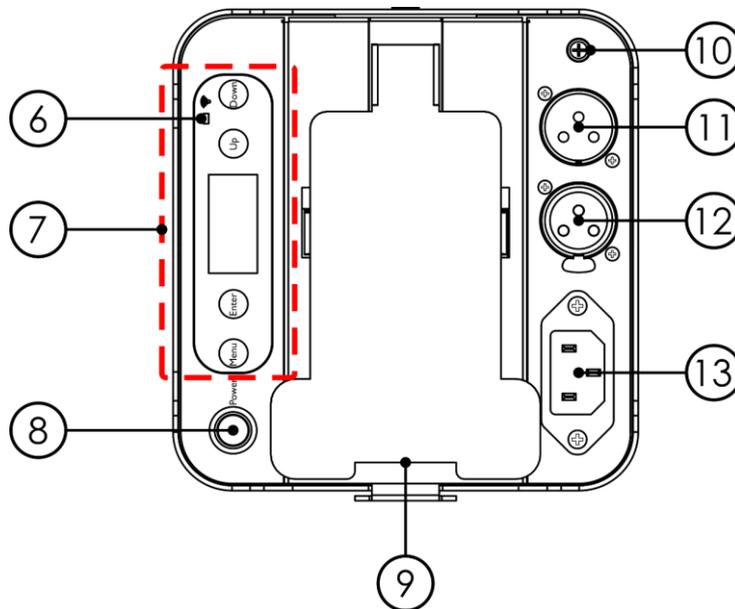


Fig. 02

- 06) W-DMX LED indicator
- 07) OLED display + control buttons
- 08) Power switch ON/OFF
- 09) Tilting bracket
- 10) Ground/Earth connection
- 11) 3-pin DMX signal connector IN
- 12) 3-pin DMX signal connector OUT
- 13) 100-240V IEC power connector IN

## Installation

Remove all packing materials from the EventLITE 4/10 Q4. Check if all foam and plastic padding is removed. Connect all cables.

**Do not supply power before the whole system is set up and connected properly.**

**Always disconnect from electric mains power supply before cleaning or servicing.**

**Damages caused by non-observance are not subject to warranty.**

### Adjusting the Tilt Angle

It is possible to adjust the tilt angle of the EventLITE.

01) Press and hold down the bracket button and tilt the EventLITE to the desired position.

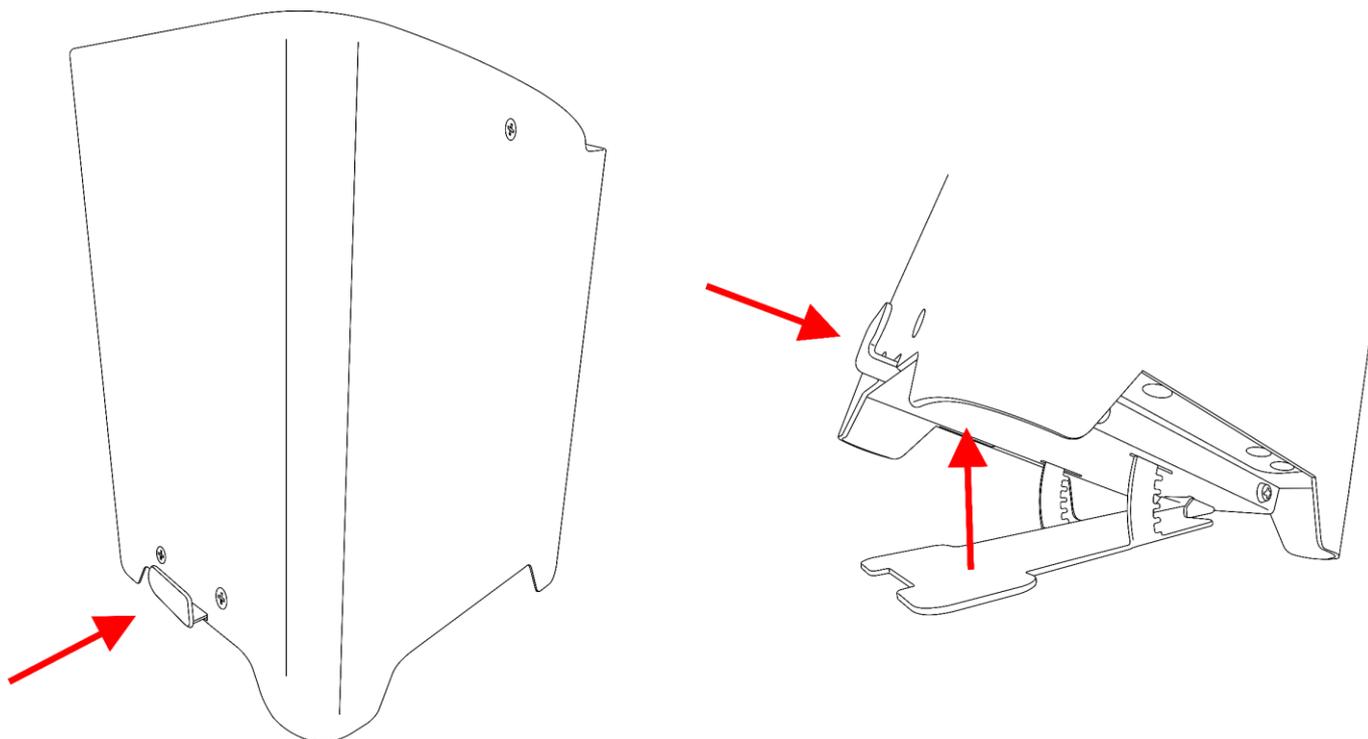


Fig. 03

02) Release the bracket button to secure the EventLITE in position.

## Set Up and Operation

---

Before plugging the unit in, always make sure that the power supply matches the product specification voltage. Do not attempt to operate a 120V specification product on 230V power, or vice versa.

### Charging the Built-in Battery

- 01) In order to charge the battery, you need the included IEC power cable.
- 02) Turn off the power.
- 03) Connect the IEC power cable to the EventLITE.
- 04) Plug the other end of the IEC power cable into a proper electric power supply socket.
- 05) The charging indicator will light up **red**.
- 06) Charge the battery (up to 10 hours.)
- 07) Once the battery is fully charged, the charging indicator will light up **green**.

### Important!

- Do not charge the battery for more than 24 hours.
- Recharge within 3 days of use.
- When storing the device for more than 7 days, make sure that the **power on/off** switch is in OFF position.
- Store in an upright position.

### Control Modes

There are 7 modes:

- Auto
- Built-in programs
- Manual
- Master/Slave
- Wireless Master/Slave
- DMX512 (4CH, 6CH, 9CH)
- Wireless DMX (W-DMX)

#### One EventLITE (Auto)

- 01) Fasten the effect light to a firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Plug the end of the electric mains power cord into a proper electric power supply socket.
- 03) When the EventLITE is not connected with a DMX cable and Wireless DMX is switched off, it functions as a stand-alone device. See page 24 for more information about Auto mode.

#### One EventLITE (Built-in programs)

- 01) Fasten the effect light to a firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Plug the end of the electric mains power cord into a proper electric power supply socket.
- 03) When the EventLITE is not connected with a DMX cable and Wireless DMX is switched off, it functions as a stand-alone device. See page 24 for more information about Built-in programs.

#### One EventLITE (Manual)

- 01) Fasten the effect light to a firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Plug the end of the electric mains power cord into a proper electric power supply socket.
- 03) When the EventLITE is not connected with a DMX cable and Wireless DMX is switched off, it functions as a stand-alone device. See page 23 for more information about Manual mode.

## Multiple EventLITEs (Master/Slave control)

- 01) Fasten the effect light onto firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Always use a safety cable (ordercode 70140 / 70141).
- 03) Use a 3-pin XLR cable to connect the EventLITE and other devices.

The pins:



- 1. Earth
- 2. Signal (-)
- 3. Signal (+)

- 04) Link the units as shown in (Fig. 04). Connect a DMX signal cable from the first unit's DMX "out" socket to the second unit's "in" socket. Repeat this process to link the second, third and fourth unit. You can use the same functions on the master device as described on pages 23-24 (Manual, Auto or Built-in programs). This means that you can set your desired operation mode on the master device and all slave devices will react the same as the master device.

## Multiple EventLITEs (Master/Slave control)

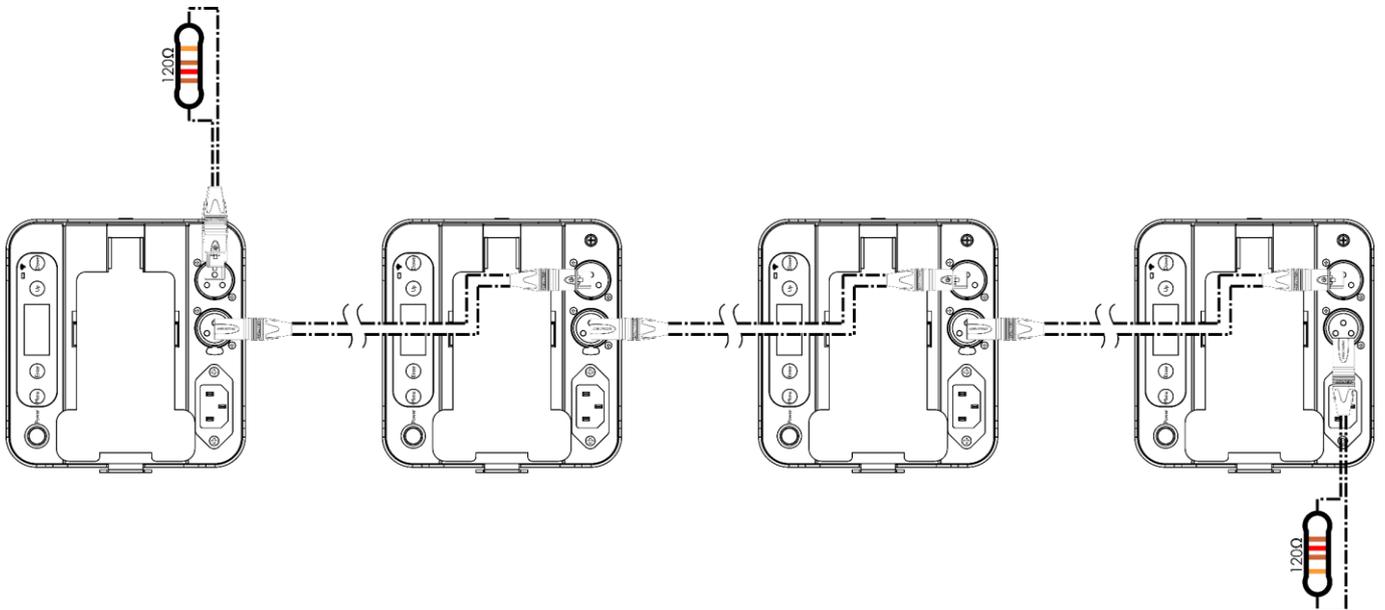


Fig. 04

**Multiple EventLITEs (Wireless Master/Slave control)**

- 01) Install multiple EventLITEs at the desired positions (maximum Wi-Fi distance: 250 m).
- 02) Unlock W-DMX on all EventLITEs (see page 23 for more information).
- 03) Make sure all the EventLITEs are in "slave" mode.
- 04) Set one EventLITE as a master.
- 05) On the master EventLITE, in main menu, press the **UP/DOWN** buttons to select 1: DMX and press the **ENTER** button to enter the submenu. Go to SIGNAL and press the **ENTER** button in order to pair the master with the slave EventLITEs.
- 06) When the blue W-DMX LED indicator (**06**) is blinking, the device is searching for a connection.
- 07) Once a connection has been established, the LED indicator (**06**) will light up blue on all devices.
- 08) You can set your desired operation mode (Auto mode, Built-in programs or Manual) on the master device and all slave devices will react the same as the master device.

**Setup Example (Wireless Master/Slave control)**

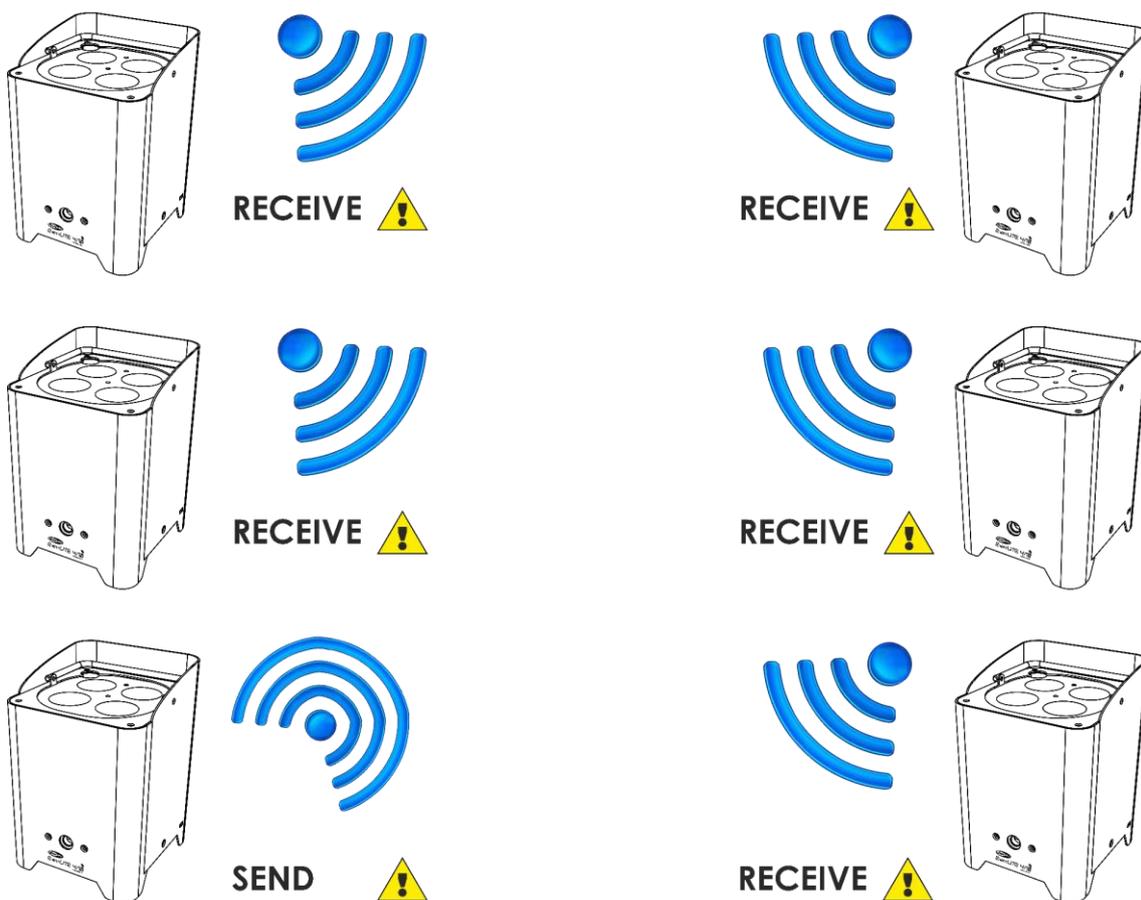
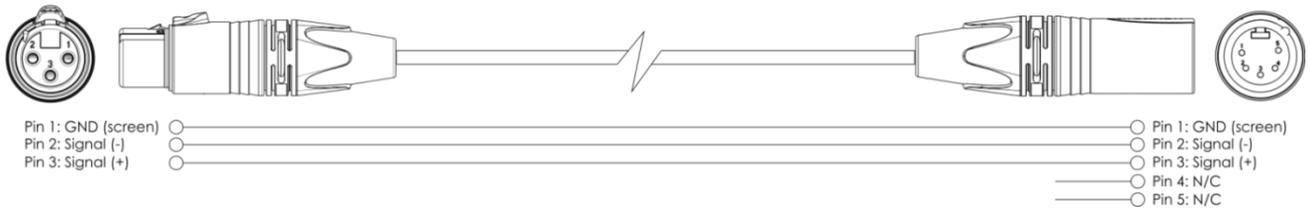
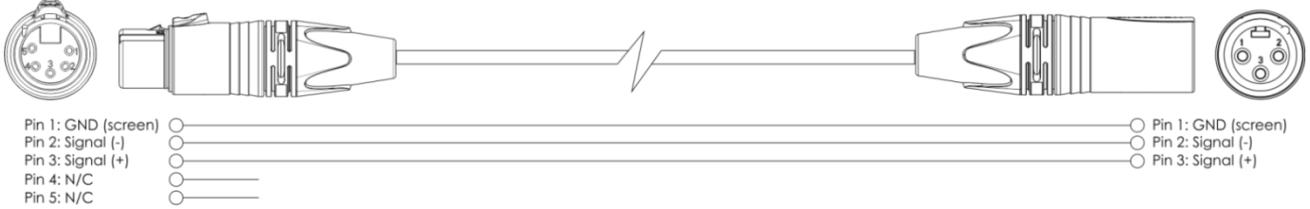


Fig. 05

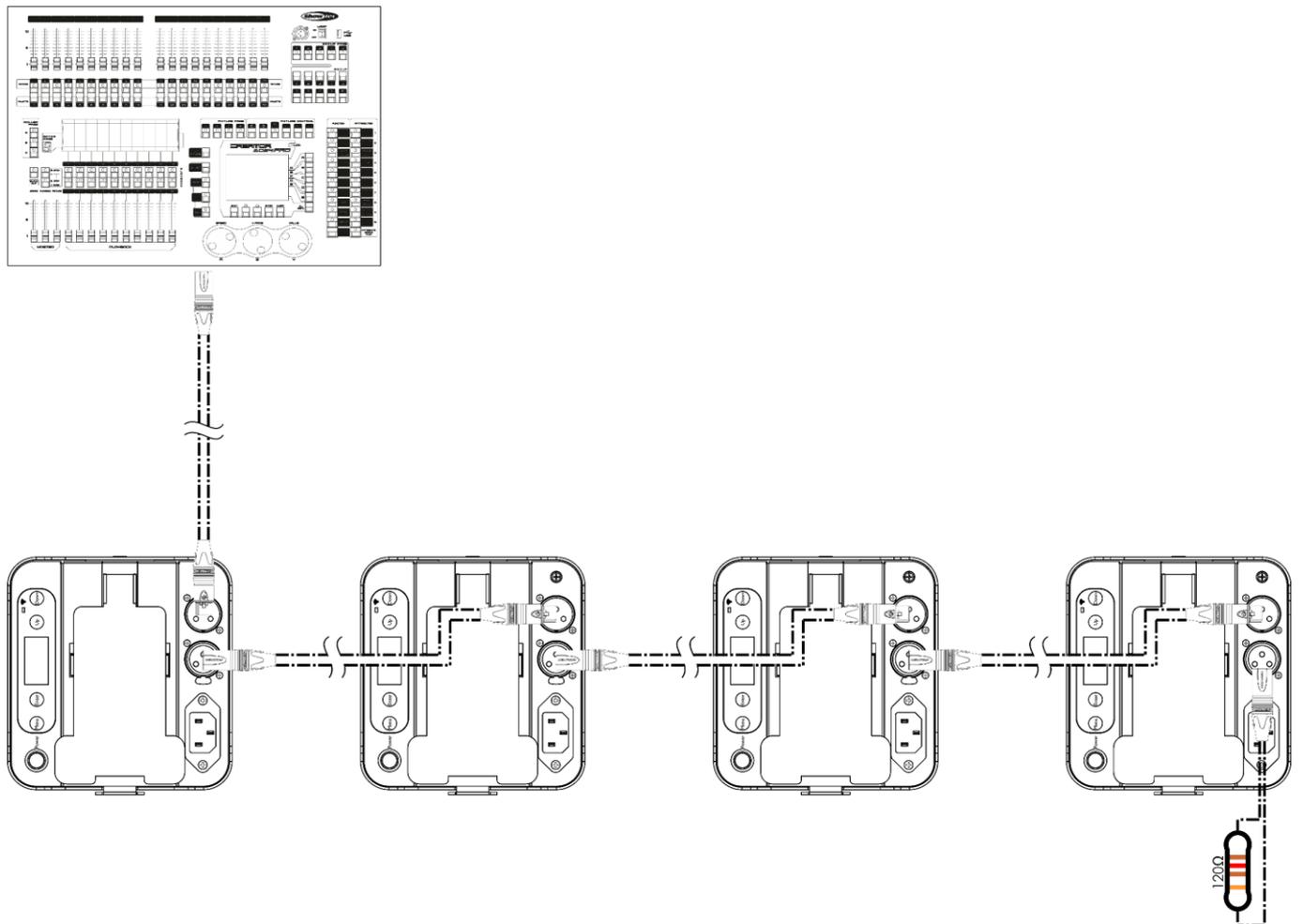
**Multiple EventLITEs (DMX Control)**

- 01) Fasten the effect light to a firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Always use a safety cable (ordercode 70140 / 70141).
- 03) Use a 3-pin XLR cable to connect the EventLITEs and other devices.



- 04) Link the units as shown in (Fig. 06). Connect a DMX signal cable from the first unit's DMX "out" socket to the second unit's "in" socket. Repeat this process to link the second, third, and fourth units.
- 05) Make sure the EventLITEs are in "slave" mode.

**Multiple EventLITEs DMX Set Up**



**Fig. 06**

**Multiple EventLITEs (Wireless DMX Control)**

- 01) Install multiple EventLITEs at the desired positions (maximum Wi-Fi distance: 250 m).
- 02) Make sure the EventLITEs are in "slave" mode.
- 03) In order for the EventLITEs to receive a wireless DMX signal properly, in main menu, press the **UP/DOWN** buttons to select 1: DMX and press the **ENTER** button to enter the submenu.
- 04) Unlock W-DMX on all EventLITEs (see page 23 for more information).
- 05) Pair the wireless signal transmitter with multiple EventLITEs. In order to create a wireless connection, please read the manual of your wireless signal transmitter.
- 06) When the blue W-DMX LED indicator (**06**) is blinking, the device is searching for a connection.
- 07) Once a connection has been established, the LED indicator (**06**) will light up blue.
- 08) Use a DMX cable to connect the transmitter to a suitable light controller.

**Multiple EventLITEs Wireless DMX Control**

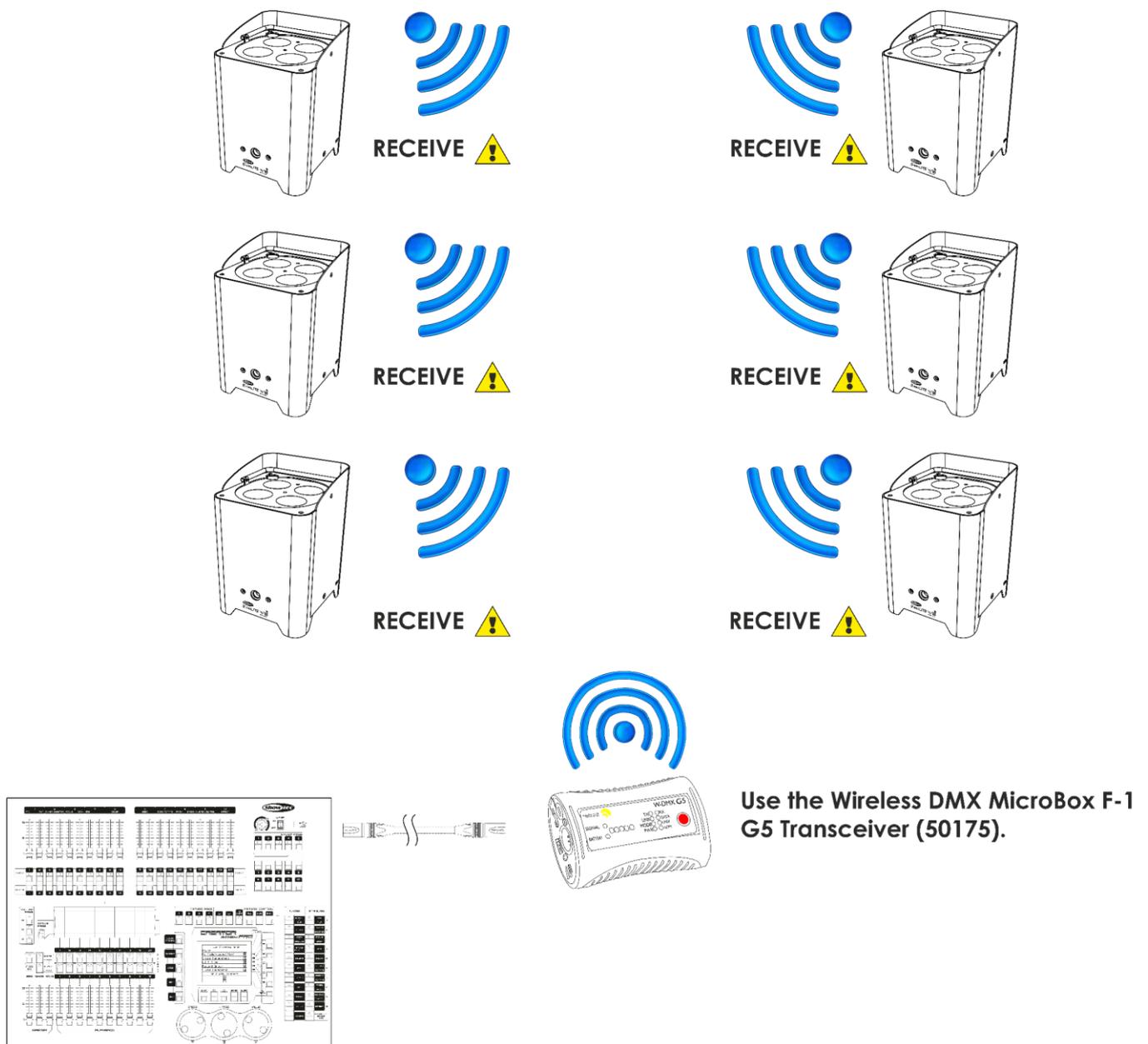


Fig. 07

## Sweden 2.4GHz Wireless communication module

Communication distance:	Depending on the transmitting power or transmitter module
Test conditions:	W-DMX TRx Transmitter module, 2dBi Antenna, transmitting power 20dBm (100mW)
Range indoor:	60 m (approx. through three concrete walls)
Range outdoor:	250 m

## Wireless DMX Connection

The wireless receiving module "Pico G4 Receiver, 2.4GHz", provided by Swedish WIRELESS SOLUTION, only has a 2.4 GHz wireless signal receiving function. In order to match the wireless signal, please use the [50175](#) W-DMX MicroBox F-1 G5 Transceiver by WIRELESS SOLUTION. To control the status of the wireless communication, please look at the blue LED indicator on the bottom of the fixture.

## Wi-Fi Problems:

- 01) No connection with a transmitter.  
The LED indicator **(06)** is OFF.
- 02) Searching for a connection.  
The LED indicator **(06)** blinks quickly.
- 03) Connection with a transmitter, but no DMX data.  
The LED indicator lights up for 900ms and then blinks for 100ms (the LED blinks slowly).

When the wireless DMX communication is normal, the LED indicator is always ON.



**The EventLITE 4/10 Q4 cannot receive a wireless DMX signal and a DMX cable signal at the same time.**



When the device is in Auto mode, Built-in program mode or Manual mode, please ensure that the matching 2.4GHz wireless signal transmitter is OFF.

## Connect the EventLITE to the Wireless DMX Signal Transmitter

The EventLITE cannot actively match a random wireless signal transmitter. In order to create a wireless match, please check the manual of your wireless signal transmitter. We advise you to use the W-DMX MicroBox F-1 G5 Transceiver ([50175](#)) by WIRELESS SOLUTION (Fig. 08).

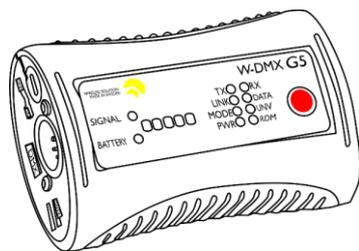


Fig. 08

## Disconnect the Event LITE From the Wireless DMX Signal Transmitter

- 01) Turn off/unlink the W-DMX. In order to do so, in main menu, press the **UP/DOWN** buttons to select 1: DMX and press the **ENTER** button to enter the submenu.
- 02) Press the **UP/DOWN** buttons to select SIGNAL.
- 03) Press the **ENTER** button to enter the submenu. In order to unlink the EventLITE, you have to make sure the fixture is a slave device. See 5. Master/Slave Mode (page 25) for more information.
- 04) Press the **UP/DOWN** buttons to select CLEAR and press the **ENTER** button to confirm.
- 05) The EventLITE will now be disconnected.

## Fixture Linking

You will need a serial data link to run light shows of one or more fixtures using a DMX-512 controller or to run synchronized shows on two or more fixtures set to a master/slave operating mode. The combined number of channels required by all the fixtures on a serial data link determines the number of fixtures the data link can support.

**Important:** Fixtures on a serial data link must be daisy-chained in a single line. To comply with the EIA-485 standard, no more than 30 devices should be connected on one data link. Connecting more than 30 fixtures on one serial data link without the use of a DMX optically isolated splitter may result in deterioration of the digital DMX signal.  
 Maximum recommended DMX data link distance: 100 meters  
 Maximum recommended number of fixtures on a DMX data link: 30 fixtures



## Data Cabling

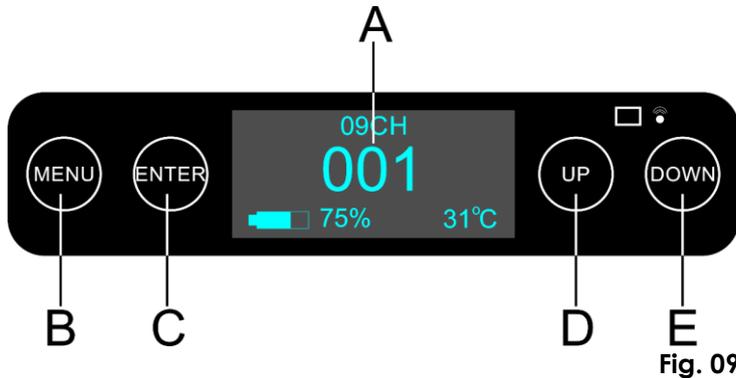
To link fixtures together you must obtain data cables. You can purchase DAP Audio certified DMX cables directly from a dealer/distributor or construct your own cable. If you choose to create your own cable please use data-grade cables that can carry a high quality signal and are less prone to electromagnetic interference.

### DAP Audio DMX Data Cables

- DAP Audio Basic microphone cable for allround use. bal. XLR/M 3-pin > XLR/F 3-pin. **Ordercode** FL01150 (1,5 m), FL013 (3 m), FL016 (6 m), FL0110 (10 m), FL0115 (15 m), FL0120 (20 m).
- DAP Audio X-type data cable XLR/M 3-pin > XLR/F 3-pin. **Ordercode** FLX0175 (0,75 m), FLX01150 (1,5 m), FLX013 (3 m), FLX016 (6 m), FLX0110 (10 m).
- DAP Audio cable for the demanding user with exceptional audio-qualities and connector made by Neutrik®. **Ordercode** FL71150 (1,5 m), FL713 (3 m), FL716 (6 m), FL7110 (10 m).
- DAP Audio cable for the demanding user with exceptional audio-qualities and connector made by Neutrik®. **Ordercode** FL7275 (0,75 m), FL72150 (1,5 m), FL723 (3 m), FL726 (6 m), FL7210 (10 m).
- DAP Audio 110 Ohm cable with digital signal transmission. **Ordercode** FL0975 (0,75 m), FL09150 (1,5 m), FL093 (3 m), FL096 (6 m), FL0910 (10 m), FL0915 (15 m), FL0920 (20 m).
- DAP Audio data cable FL08 DMX/AES-EBU, XLR/M 5-pin > XLR/F 5-pin. **Ordercode** FL08150 (1,5 m), FL083 (3 m), FL086 (6 m), FL0810 (10 m), FL0820 (20 m).
- DAP Audio DMX adapter: 5-pin > 3-pin. **Ordercode** FLA29.
- DAP Audio DMX adapter: 3-pin > 5-pin. **Ordercode** FLA30.
- DAP Audio DMX Terminator 3-pin. **Ordercode** FLA42.
- DAP Audio DMX Terminator 5-pin. **Ordercode** FLA43.

The EventLITE 4/10 Q4 can be operated with a controller in **control mode** or without the controller in **stand-alone mode**.

## Control Panel



- A) OLED display
- B) MENU button
- C) ENTER button
- D) UP button
- E) DOWN button

Fig. 09

## DMX Control Mode

The fixtures are individually addressed on a data-link and connected to the controller. The fixtures respond to the DMX signal from the controller. (When you select the DMX address and save it, the controller will display the saved DMX address, next time.)

## DMX Addressing

The control panel on the back side of the device allows you to assign the DMX fixture address, which is the first channel from which the EventLITE will respond to the controller. Please note when you use the controller, the unit has up to **9** channels.

When using multiple EventLITEs, make sure you set the DMX addresses right. Therefore, the DMX address of the first EventLITE should be **1(001)**; the DMX address of the second EventLITE should be **1+9=10 (010)**; the DMX address of the third EventLITE should be **10+9=19 (019)**, etc. Please, be sure that you do not have any overlapping channels in order to control each EventLITE correctly. If two or more EventLITEs are addressed similarly, they will work similarly.

**Controlling:** After having addressed all EventLITEs, you may now start operating these via your lighting controller.

**Note:** After switching on, the EventLITE will automatically detect whether DMX 512 data is received or not. If there is no data received at the DMX input, the problem may be:

- The XLR cable from the controller is not connected with the input of the EventLITE.
- The controller is switched off or defective, the cable or connector is defective, or the signal wires are swapped in the input connector.

**Note:** It is necessary to insert a XLR termination plug (with 120 Ohm) in the last fixture in order to ensure proper transmission on the DMX data link.

## Display Off after 5-30 seconds

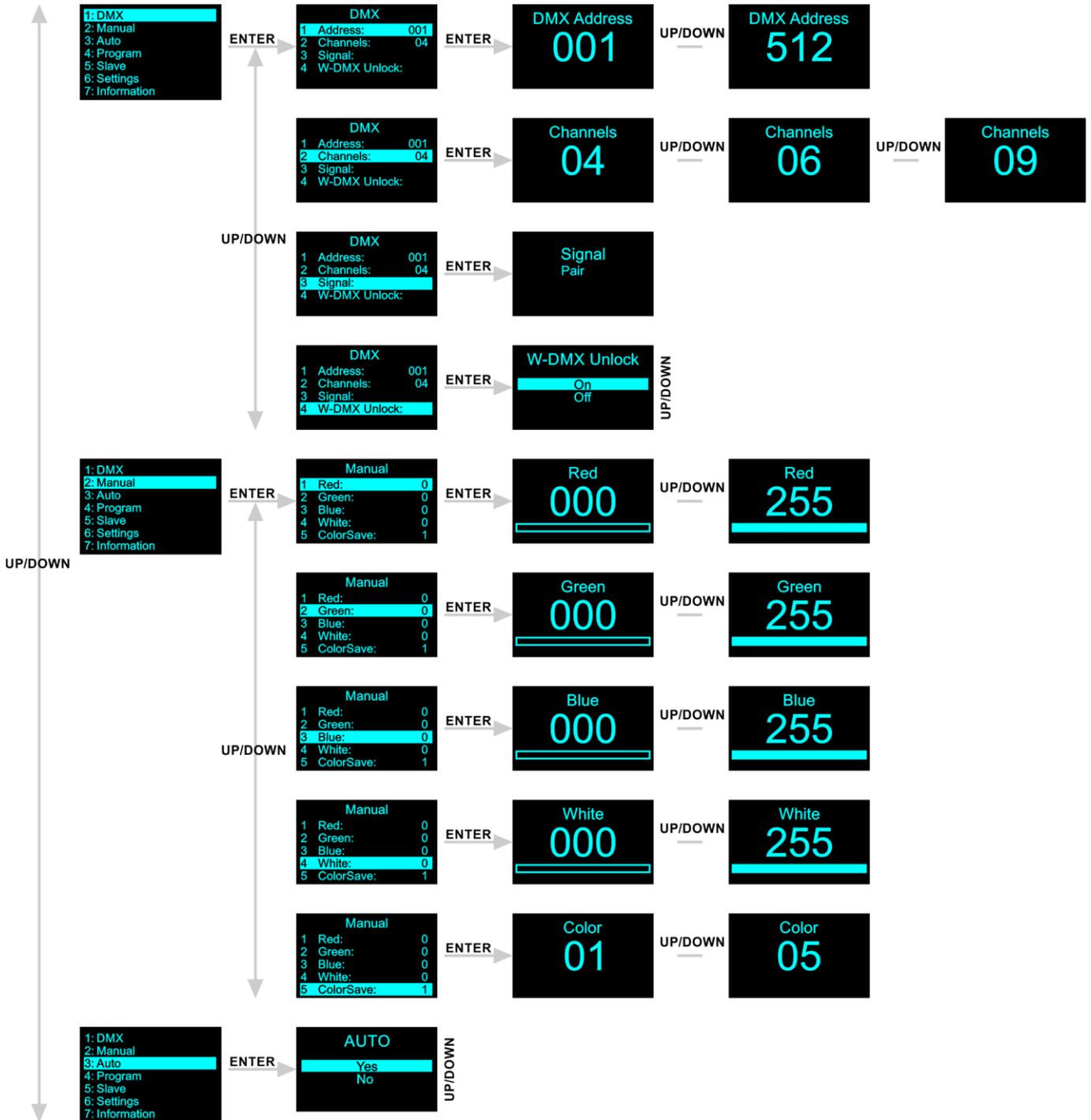
When no button is pressed, the display will turn off.

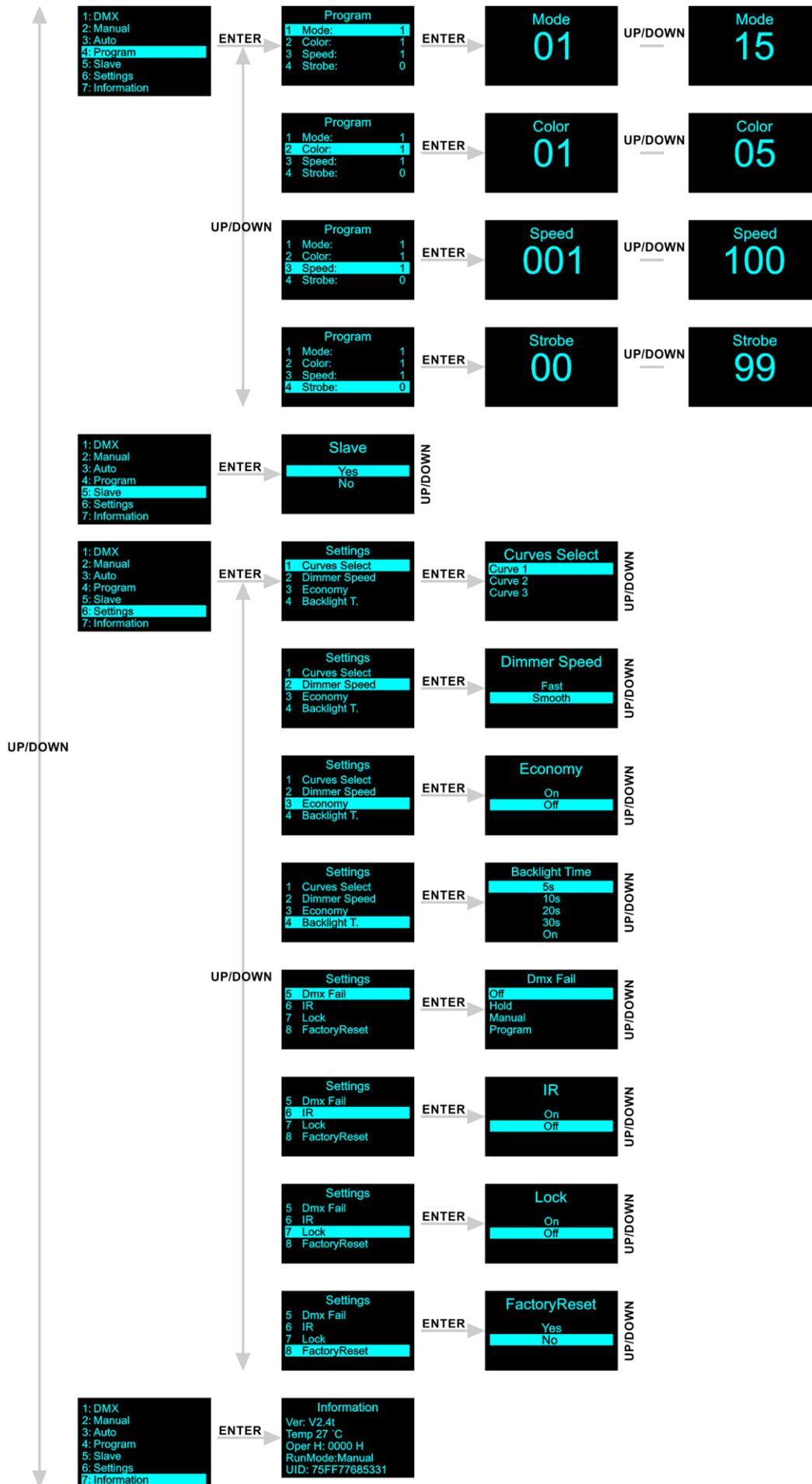
You can set this time in Settings menu. See page 27.

To light up the display, you have to press the **MENU**, **ENTER**, **UP** or **DOWN** button.

Once you have pressed the button, the display will light up.

Menu Overview



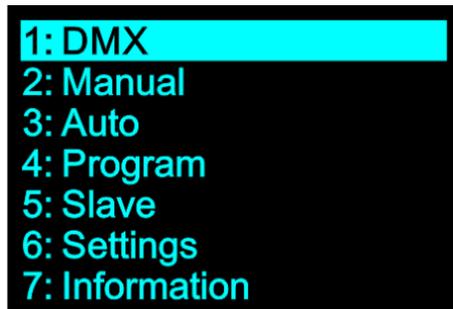


At start-up, the EventLITE will show the currently selected DMX channel mode, the DMX starting address, the battery status and the current temperature.



## Main Menu Options

01) Press the **ENTER** button to open the main menu. The display will show:



02) Press the **UP/DOWN** buttons to select the desired menu.

03) Press the **ENTER** button to open the selected menu.

04) Press the **MENU** button to return to the previous menu.

### 1. DMX

In this menu you can set the device's DMX starting address, the DMX channel mode and set W-DMX.

01) In main menu, press the **UP/DOWN** buttons until the display shows DMX.

02) Press the **ENTER** button to open the menu. The display will show:



03) Press the **UP/DOWN** buttons to select one of the 4 submenus:

- ADDRESS
- CHANNELS
- SIGNAL
- W-DMX UNLOCK

04) Press the **ENTER** button to enter the selected submenu.

### 1.1. Address

In this menu you can set the desired DMX starting address.



- 01) Press the **UP/DOWN** buttons to set the desired DMX address. The adjustment range is between 001-512.
- 02) Press the **ENTER** button to confirm your choice.

### 1.2. Channels

In this menu you can set the desired DMX channel mode.



- 01) Press the **UP/DOWN** buttons to set the desired DMX channel mode. Choose one of the 3 options:
  - 4 channels
  - 6 channels
  - 9 channels
- 02) Press the **ENTER** button to confirm your choice.

### 1.3. Signal

In this menu you can link/unlink multiple EventLITEs, using W-DMX.

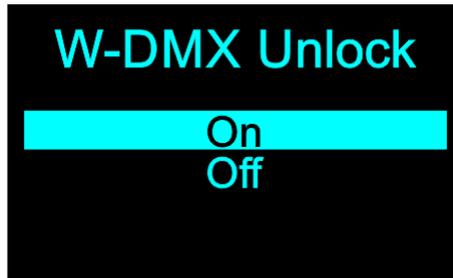


- 01) Unlock W-DMX on all EventLITEs. See 1.4. W-DMX Unlock on page 23 for more information.
- 02) Set one EventLITE as a master device. See page 25 for more information.
- 03) Set the other EventLITEs as slave devices. See page 25 for more information.
- 04) **In order to link**, open this menu on the master device. The display will read PAIR. Press the **ENTER** button on the master device to link it to the slave devices. The W-DMX LED indicators **(06)** on all devices will be blinking quickly. Once the devices have been linked, the W-DMX LED indicators **(06)** will be continuously on. You can now operate the master device and all slave devices will react the same as the master device.
- 05) **In order to unlink**, open this menu on all the slave devices. The display will read CLEAR. Press the **ENTER** button on all the slave devices to unlink them from the master device. Once the slave devices have been unlinked, the W-DMX LED indicators **(06)** on the slave devices will turn off.

### 1.4. W-DMX Unlock

In this menu you can activate/deactivate W-DMX.

01) The display will show:



02) Press the **UP/DOWN** buttons to select ON or OFF.

- Select ON in order to **activate** W-DMX.
- Select OFF in order to **deactivate** W-DMX.

03) Press the **ENTER** button to confirm your choice.

## 2. Manual

In this menu you can set the static colors and store them.

01) In main menu, press the **UP/DOWN** buttons until the display shows MANUAL.

02) Press the **ENTER** button to open the menu. The display will show:

Manual		
1	Red:	0
2	Green:	0
3	Blue:	0
4	White:	0
5	ColorSave:	1

03) Press the **UP/DOWN** buttons to select one of the 4 colors: Red, Green, Blue or White.

04) Press the **ENTER** button to open the submenu.

05) Press the **UP/DOWN** buttons to set the intensity of the LEDs. The adjustment range for each color is between 0-255, from dark to brightest.

06) Press the **ENTER** button to save your settings.

07) You can combine Red, Green, Blue and White to create an infinite range of colors (0-255).

### 2.1. Color Save

In this menu, it is possible to save a previously created static color.

01) Press the **UP/DOWN** buttons to select COLORSAVE and press the **ENTER** button to open the menu.

02) Press the **UP/DOWN** buttons to select the slot in which you want to save your current static color. There are 5 slots to choose from.

03) Press the **ENTER** button to confirm your choice. The display will read SAVE OK and your static color will be saved.

### 3. Auto

In this menu you can activate the auto program.

- 01) In main menu, press the **UP/DOWN** buttons until the display shows AUTO.
- 02) Press the **ENTER** button to open the menu. The display will show:

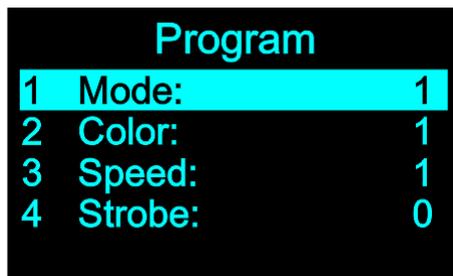


- 03) Press the **UP/DOWN** buttons to select YES (to start the auto program) or NO (to return to the previous screen).
- 04) Press the **ENTER** button to confirm your choice.

### 4. Program

In this menu you can set the built-in programs.

- 01) In main menu, press the **UP/DOWN** buttons to choose PROGRAM.
- 02) Press the **ENTER** button to enter the menu. The display will show:

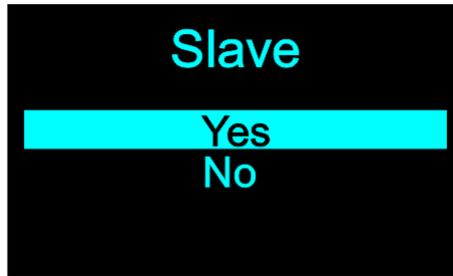


- 03) Press the **UP/DOWN** buttons to choose one of the 4 submenus:
  - MODE
  - COLOR
  - SPEED
  - STROBE
- 04) Press the **ENTER** button to enter the selected submenu.
- 05) If you have chosen MODE, press the **UP/DOWN** buttons to choose one of the 15 color programs. Press the **ENTER** button to confirm your choice.
- 06) If you have chosen COLOR, press the **UP/DOWN** buttons to choose one of the user-made 5 color presets. Press the **ENTER** button to confirm your choice.
- 07) If you have chosen SPEED, press the **UP/DOWN** buttons to set the color program's speed. The adjustment range is between 1-100, from slow to fast. Press the **ENTER** button to save your settings.
- 08) If you have chosen STROBE, press the **UP/DOWN** buttons to set the strobe frequency. The adjustment range is between 0-99, from OFF to high frequency. Press the **ENTER** button to save your settings.

**5. Master/Slave Mode**

In this menu you can set the device as a master or a slave.

- 01) In main menu, press the **UP/DOWN** buttons to choose SLAVE.
- 02) Press the **ENTER** button to open the menu. The display will show:

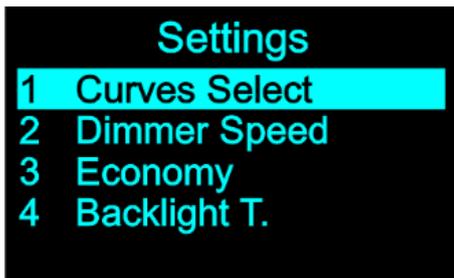


- 03) Press the **UP/DOWN** buttons to choose YES or NO.
- 04) Press the **ENTER** button to confirm your choice.
- 05) If you have chosen YES, the device will be set as a slave and will react the same as the master device. If you have chosen NO, the device will be a master and will send signals to slave devices.

**6. Settings**

In this menu you can adjust the device's settings.

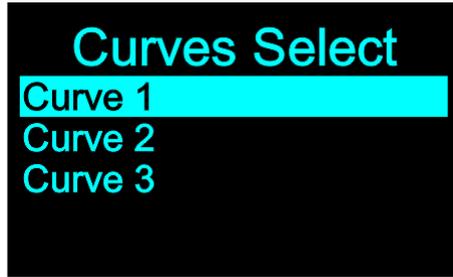
- 01) In main menu, press the **UP/DOWN** buttons to choose SETTINGS.
- 02) Press the **ENTER** button to open the menu. The display will show:



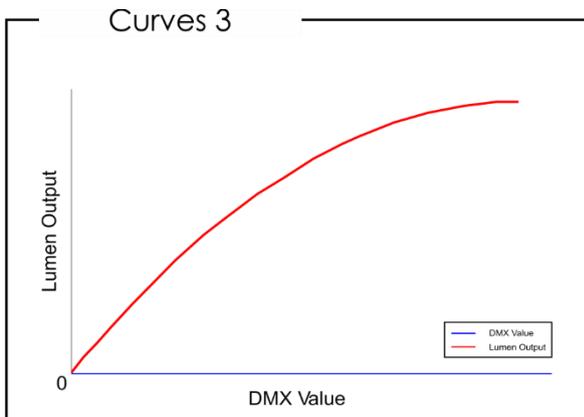
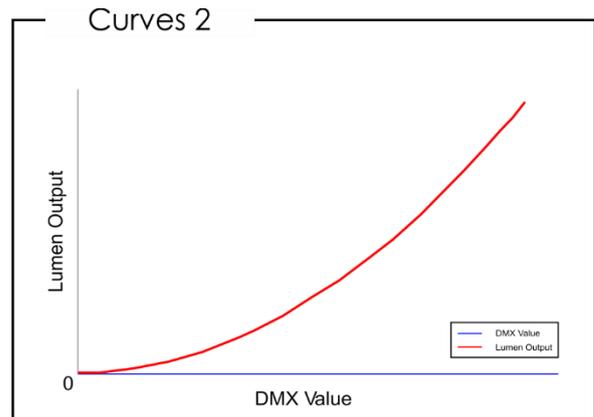
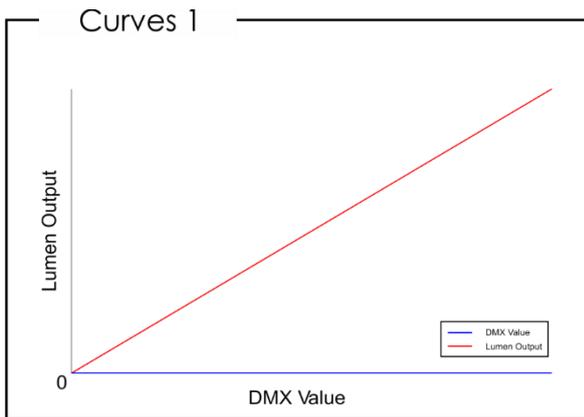
- 03) Press the **UP/DOWN** buttons to choose one of the 8 submenus:
  - CURVES SELECT
  - DIMMER SPEED
  - ECONOMY
  - BACKLIGHT T.
  - DMX FAIL
  - IR
  - LOCK
  - FACTORY
- 04) Press the **ENTER** button to enter the selected submenu.

### 6.1. Curves Select

In this menu you can set the dimming curves.



- 01) Press the **UP/DOWN** buttons to choose one of the 3 dimming curves.
- 02) Press the **ENTER** button to confirm your choice.



### 6.2. Dimmer Speed

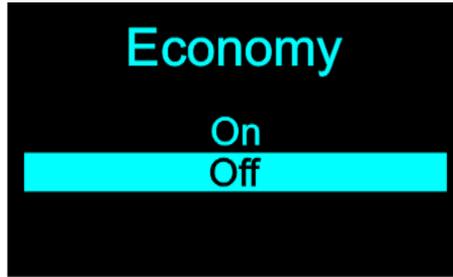
In this menu you can set the dimmer speed.



- 01) Press the **UP/DOWN** buttons to select FAST or SMOOTH.
- 02) Press the **ENTER** button to confirm your choice.

### 6.3. Economy

In this menu you can set the device's energy-saving mode.



- 01) Press the **UP/DOWN** buttons to choose ON or OFF.
- 02) If you have chosen ON, the EventLITE will operate at 80% of its efficiency (economical mode).
- 03) If you have chosen OFF, the EventLITE will operate at 100% of its efficiency (normal mode).
- 04) Press the **ENTER** button to confirm your choice.

### 6.4. Backlight Time

In this menu you can set the time which needs to pass before the display turns off, when no buttons are pressed.



- 01) Press the **UP/DOWN** buttons to select 5s, 10s, 20s, 30s or ON (display continuously on).
- 02) Press the **ENTER** button to confirm your choice.

### 6.5. DMX Fail

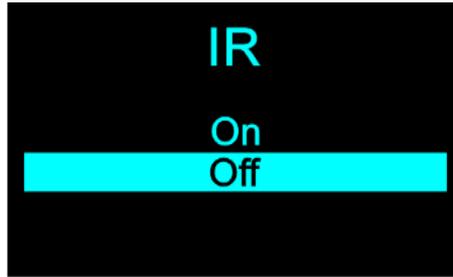
In this menu you can set the device's behavior in case of a DMX failure.



- 01) Press the **UP/DOWN** buttons to select one of the 4 options:
  - OFF: the device will black out the light output
  - HOLD: the device will use last properly received DMX signal, ensuring uninterrupted performance
  - MANUAL: the device will switch to Manual mode
  - PROGRAM: the device will run the built-in programs
- 02) Press the **ENTER** button to confirm your choice.

### 6.6. IR

In this menu you can activate the remote control.



- 01) Press the **UP/DOWN** buttons to choose ON or OFF.
- 02) If you have choose ON, you can use the remote control to operate the device.
- 03) If you have chosen OFF, you cannot use the remote control.
- 04) Press the **ENTER** button to confirm your choice.

### 6.7. Lock

In this menu you can set the safety lock, restricting access to the main menu.



- 01) Press the **UP/DOWN** buttons to select one of the 2 options:
  - ON: when no button is pressed within the time limit set in menu 6.4. Backlight Time (see page 27), the device's main menu will be locked. **In order to unlock it, press the MENU button.**
  - OFF: safety lock is inactive
- 02) Press the **ENTER** button to confirm your choice.

### 6.8. Factory Reset

In this menu you can restore the default factory settings.



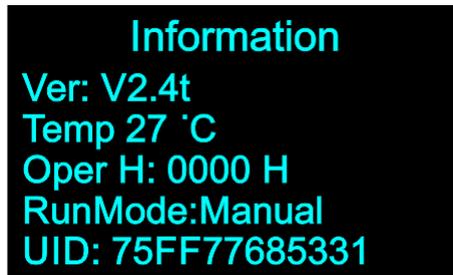
- 01) Press the **UP/DOWN** buttons to select YES or NO.
- 02) Press the **ENTER** button to confirm your choice.

## 7. Information

In this menu you can view the device's current software version, temperature, total lifetime, operation mode and the device's UID number.

01) While in main menu, press the **UP/DOWN** buttons to choose INFORMATION.

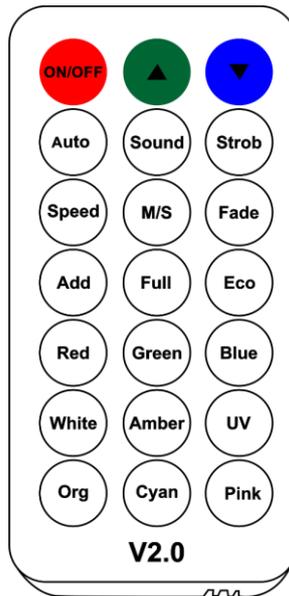
02) Press the **ENTER** button to open the menu. The display will show:



The screenshot shows a black background with cyan text. The text is as follows:

```
Information
Ver: V2.4t
Temp 27 °C
Oper H: 0000 H
RunMode:Manual
UID: 75FF77685331
```

Remote Control



Button	Function	Description
	On / Off	Press to switch the light output ON/OFF.
	Up	Press to increase the value.
	Down	Press to decrease the value.
	Auto	Press to activate Auto mode.
	Not functional	
	Built-in color programs/Strobe	Press to choose the desired built-in color program and set the strobe frequency.
	Speed	Press the button to set the program speed.
	Master/Slave	Press to set the device as a master or a slave.
	Fade mode	Press to activate a color flow.
	DMX address/channel mode	Press to choose set the DMX starting address and the desired channel mode.
	Full mode	Press to activate Full-On light output.
	Eco mode	Press to activate Economical mode (80% efficiency) or Normal mode (100% efficiency).
	Red	Press to activate the Red LED.
	Green	Press to activate the Green LED.
	Blue	Press to activate the Blue LED.
	White	Press to activate the White LED.
	Not functional	

	UV	Not functional
	Org	Orange Press to activate the Orange LED.
	Cyan	Cyan Press to activate the Cyan LED.
	Pink	Pink Press to activate the Pink LED.

- 01) Press the  button to set the device as a master (the display will read MASTER) or a slave (the display will read SLAVE). **If you set the device as a slave, the remote control will not work.**
- 02) Press the  button to switch the light output on (the display will read ON) or off (the display will read OFF).

### 1. Auto Mode

- 01) Press the  button to activate Auto mode. The display will read AUTO.
- 02) Press the  and  buttons to select one of the 6 auto shows.
- 03) Press the  button to set the show speed.
- 04) Press the  and  buttons to adjust the program speed. The adjustment range is between 1-100, from slow to fast.
- 05) The EventLITE will now run the selected auto show.

### 2. Built-in Color Programs

- 01) Press the  button to activate the built-in color programs. The display will read COLOR.
- 02) Press the  and  buttons to select one of the 15 color programs.
- 03) Press the  button again to activate the strobe. The display will read STROBE.
- 04) Press the  and  buttons to set the strobe frequency. The adjustment range is between 0-99, from OFF to high strobe frequency.
- 05) Press the  button to set the color program speed.
- 06) Press the  and  buttons to adjust the program speed. The adjustment range is between 1-100, from slow to fast.

### 3. Fade Mode

- 01) Press the  button to activate Fade mode. The display will read FADE.
- 02) Press the  and  buttons to select one of the 9 fades.
- 03) Press the  button to set the fade speed.
- 04) Press the  and  buttons to adjust the fade speed. The adjustment range is between 1-100, from slow to fast.

**4. DMX Address/DMX Channel Mode**

- 01) Press the  button to set the desired DMX starting address. The display will read ADDRESS.
- 02) Press the  and  buttons to set the desired DMX address. The adjustment range is between 001-512.
- 03) Press the  button again, to set the desired DMX channel mode. The display will read CHANNEL.
- 04) Press the  and  buttons to set the desired DMX channel mode. Choose one of the 3 options:
  - 4 channels
  - 6 channels
  - 9 channels

**5. Economy**

- 01) Press the  button to set the device's energy-saving mode. The display will read ECONOMY.
- 02) Press the  and  buttons to choose ON or OFF.
- 03) If you have chosen ON, the EventLITE will operate at 80% of its efficiency (economical mode).
- 04) If you have chosen OFF, the EventLITE will operate at 100% of its efficiency (normal mode).

**DMX Channels**

**4 Channels**

**Channel 1 – Red Dimmer intensity**

0-255      Gradual adjustment Red, from dark to brightest

**Channel 2 – Green Dimmer intensity**

0-255      Gradual adjustment Green, from dark to brightest

**Channel 3 – Blue Dimmer intensity**

0-255      Gradual adjustment Blue, from dark to brightest

**Channel 4 – White Dimmer intensity**

0-255      Gradual adjustment White, from dark to brightest

**6 Channels**

**Channel 1 – Master Dimmer intensity**

0-255      Dimmer intensity, from dark to brightest

**Channel 2 – Linear strobe  CH1 and CH3-6 must be open **

0-10      Closed

11-255      Strobe flash frequency, from low to high frequency (0-15 Hz)

**Channel 3 – Red Dimmer intensity  CH1 must be open **

0-255      Gradual adjustment Red, from dark to brightest

**Channel 4 – Green Dimmer intensity  CH1 must be open **

0-255      Gradual adjustment Green, from dark to brightest

**Channel 5 – Blue Dimmer intensity** ⚠ **CH1 must be open** ⚠  
 0-255 Gradual adjustment Blue, from dark to brightest

**Channel 6 – White Dimmer intensity** ⚠ **CH1 must be open** ⚠  
 0-255 Gradual adjustment White, from dark to brightest

**9 Channels**

**Channel 1 – Master Dimmer intensity**  
 0-255 Dimmer intensity, from dark to brightest

**Channel 2 – Linear strobe** ⚠ **CH1 and CH3-6 must be open** ⚠  
 0-10 Closed  
 11-255 Strobe flash frequency, from low to high frequency (0-15 Hz)

**Channel 3 – Red Dimmer intensity** ⚠ **CH1 must be open, CH7-8 must be closed** ⚠  
 0-255 Gradual adjustment Red, from dark to brightest

**Channel 4 – Green Dimmer intensity** ⚠ **CH1 must be open, CH7-8 must be closed** ⚠  
 0-255 Gradual adjustment Green, from dark to brightest

**Channel 5 – Blue Dimmer intensity** ⚠ **CH1 must be open, CH7-8 must be closed** ⚠  
 0-255 Gradual adjustment Blue, from dark to brightest

**Channel 6 – White Dimmer intensity** ⚠ **CH1 must be open, CH7-8 must be closed** ⚠  
 0-255 Gradual adjustment White, from dark to brightest

**Channel 7 – Color presets** ⚠ **CH8 must be closed** ⚠  
 0-10 No function

- 11-13 Color 1 (R255, G000, B000, W000)
- 14-20 Color 2 (R255, G000, B000, W100)
- 21-27 Color 3 (R255, G000, B000, W200)
- 28-34 Color 4 (R255, G050, B000, W000)
- 35-41 Color 5 (R255, G150, B000, W000)
- 42-48 Color 6 (R255, G255, B000, W000)
- 49-55 Color 7 (R255, G255, B000, W075)
- 56-62 Color 8 (R255, G255, B000, W255)
- 63-69 Color 9 (R000, G255, B000, W150)
- 70-76 Color 10 (R000, G255, B000, W050)
- 77-83 Color 11 (R000, G255, B000, W000)
- 84-90 Color 12 (R000, G255, B050, W000)
- 91-97 Color 13 (R000, G255, B150, W000)
- 98-104 Color 14 (R000, G255, B255, W000)
- 105-111 Color 15 (R000, G255, B255, W075)
- 112-118 Color 16 (R000, G255, B255, W150)
- 119-125 Color 17 (R000, G100, B255, W255)
- 126-132 Color 18 (R000, G000, B255, W100)
- 133-139 Color 19 (R000, G000, B255, W050)
- 140-146 Color 20 (R000, G000, B255, W000)
- 147-153 Color 21 (R075, G000, B255, W000)
- 154-160 Color 22 (R160, G000, B255, W000)
- 161-167 Color 23 (R255, G000, B255, W000)
- 168-174 Color 24 (R255, G000, B175, W000)
- 175-181 Color 25 (R255, G000, B100, W000)
- 182-188 Color 26 (R255, G000, B100, W050)

189-195	Color 27 (R255, G000, B025, W050)
196-202	Color 28 (R255, G000, B025, W025)
203-209	Color 29 (R255, G000, B025, W000)
210-216	Color 30 (R000, G000, B000, W255)
217-223	Color 31 (R075, G075, B000, W255)
224-230	Color 32 (R000, G000, B100, W255)
231-255	Color 33 (R255, G255, B255, W255)

**Channel 8 – Built-in programs**

0-10	No function
11-40	RGB color flow
41-70	CMY color flow
71-100	RGBW color flow
101-130	RGBW+CMY color flow
131-160	RGB color switch
161-190	CMY color switch
191-220	RGBW color switch
221--255	RGBW+CMY color switch

**Channel 9 – Built-in program speed ⚠ CH8 must be set between 11-255 ⚠**

0-255	Gradual speed adjustment, from slow to fast
-------	---

**Maintenance**

The operator has to make sure that safety-related and machine-technical installations are to be inspected by an expert after every year in the course of an acceptance test.

The operator has to make sure that safety-related and machine-technical installations are to be inspected by a skilled person once a year.

The following points have to be considered during the inspection:

- 01) All screws used for installing the device or parts of the device have to be tightly connected and must not be corroded.
- 02) There may not be any deformations on housings, fixations and installation spots.
- 03) Mechanically moving parts like axles, eyes and others may not show any traces of wearing.
- 04) The electric power supply cables must not show any damages or material fatigue.

The EventLITE 4/10 Q4 requires almost no maintenance. However, you should keep the unit clean. Otherwise, the fixture's light output will be significantly reduced. Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Wipe lens clean with glass cleaner and a soft cloth. Do not use alcohol or solvents.

The front lens will require weekly cleaning, as smoke-fluid tends to build up residues, reducing the light output very quickly.

Keep connections clean. Disconnect electric power, and then wipe the DMX and audio connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

## Troubleshooting

### No Light

This troubleshooting guide is meant to help solve simple problems.

If a problem occurs, follow the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out the following steps.

If the light effect does not operate properly, refer servicing to a technician.

Suspect three potential problem areas: the battery, the LEDs, the internal fuse.

- 01) Battery. Check if the battery is fully charged.
- 02) The LEDs. Return the EventLITE to your Showtec dealer.
- 03) The internal fuse. Return the EventLITE to your Showtec dealer..
- 04) If all of the above appears to be in order, switch the unit on again.
- 05) If you are unable to determine the cause of the problem, do not open the EventLITE, as this may damage the unit and the warranty will become void.
- 06) Return the device to your Showtec dealer.

### No Response to DMX

Suspect the DMX cable or connectors, a controller malfunction, a light effect DMX card malfunction.

- 01) Check the DMX setting. Make sure that DMX addresses are correct.
- 02) Check the DMX cable: Unplug the unit; change the DMX cable; then reconnect to electrical power. Try your DMX control again.
- 03) Determine whether the controller or light effect is to blame. Does the controller operate properly with other DMX products? If not, take the controller in for repair. If it does, take the DMX cable and the light effect to a qualified technician.

Problem	Probable cause(s)	Remedy
One or more fixtures do not function at all	No power to the fixture	<ul style="list-style-type: none"> <li>● Check if power is switched on and cables are plugged in</li> </ul>
	Internal fuse blown	<ul style="list-style-type: none"> <li>● Return the device to your Showtec dealer</li> </ul>
Fixtures reset correctly, but all respond erratically or not at all to the controller	The controller is not connected	<ul style="list-style-type: none"> <li>● Connect controller</li> </ul>
	3-pin XLR Out of the controller does not match XLR Out of the first fixture on the link (i.e. signal is reversed)	<ul style="list-style-type: none"> <li>● Install a phase reversing cable between the controller and the first fixture on the link</li> </ul>
Fixtures reset correctly, but some respond erratically or not at all to the controller	Poor data quality	<ul style="list-style-type: none"> <li>● Check data quality. If much lower than 100 percent, the problem may be a bad data link connection, poor quality or broken cables, missing termination plug, or a defective fixture disturbing the link</li> </ul>
	Bad data link connection	<ul style="list-style-type: none"> <li>● Inspect connections and cables. Correct poor connections. Repair or replace damaged cables</li> </ul>
	Data link not terminated with 120 Ohm termination plug	<ul style="list-style-type: none"> <li>● Insert termination plug in output jack of the last fixture on the link</li> </ul>
	Incorrect addressing of the fixtures	<ul style="list-style-type: none"> <li>● Check address setting</li> </ul>
	One of the fixtures is defective and disturbs data transmission on the link	<ul style="list-style-type: none"> <li>● Bypass one fixture at a time until normal operation is regained: unplug both connectors and connect them directly together</li> <li>● Have the defective fixture serviced by a qualified technician</li> </ul>
	3-pin XLR Out on the fixtures does not match (pins 2 and 3 reversed)	<ul style="list-style-type: none"> <li>● Install a phase-reversing cable between the fixtures or swap pin 2 and 3 in the fixture that behaves erratically</li> </ul>
No light or LEDs cut out intermittently	Fixture is too hot	<ul style="list-style-type: none"> <li>● Allow the fixture to cool down</li> <li>● Turn up the air conditioning</li> </ul>
	LEDs damaged	<ul style="list-style-type: none"> <li>● Disconnect fixture and return to your dealer</li> </ul>
	The power supply settings do not match local AC voltage and frequency	<ul style="list-style-type: none"> <li>● Disconnect fixture. Check settings and correct if necessary</li> </ul>

## Product Specifications

Model:	Showtec EventLITE 4/10 Q4
Input voltage:	100-240V AC, 50/60 Hz
Battery type:	Lithium-ion
Battery storage:	4,16Ah
Operating time at full RGBW (Full On):	5 hours (at full RGBW) / 12 hours (using a single color)
Charging time:	10 hours
Spare battery:	On request
Protection rate:	IP54 (top) / IP20 (bottom)
Dimensions:	140 x 140 x 205 mm (LxWxH)
Weight:	3,2 kg
<b>Operating and Programming:</b>	
Signal pin OUT:	Pin 1 (earth), pin 2 (-), pin 3 (+)
DMX mode:	4, 6, 9 channels
Signal input:	3-pin DMX IN
Signal output:	3-pin DMX OUT
<b>Electro-mechanical effects:</b>	
Light source:	4 x 10W RGBW LEDs
Color mixing:	RGBW
Beam angle:	15°
Dimmer:	0-100%
Strobe:	0-15Hz
Housing:	Metal
DMX control:	DMX512, wireless DMX512
Onboard:	OLED display for easy setup
Control:	Built-in Programs, Manual, Auto, Master/Slave, Wireless Master/Slave, DMX, W-DMX
Security:	Kensington lock eye
Connections:	IEC Power IN, 3-pin XLR IN/OUT
Cooling:	Aluminum heatsink
Max. ambient temperature $t_a$ :	40°C
Max. housing temperature $t_B$ :	80°C
<b>Minimum distance:</b>	
Minimum distance from flammable surfaces:	0,5 m
Minimum distance to lighted object:	1 m

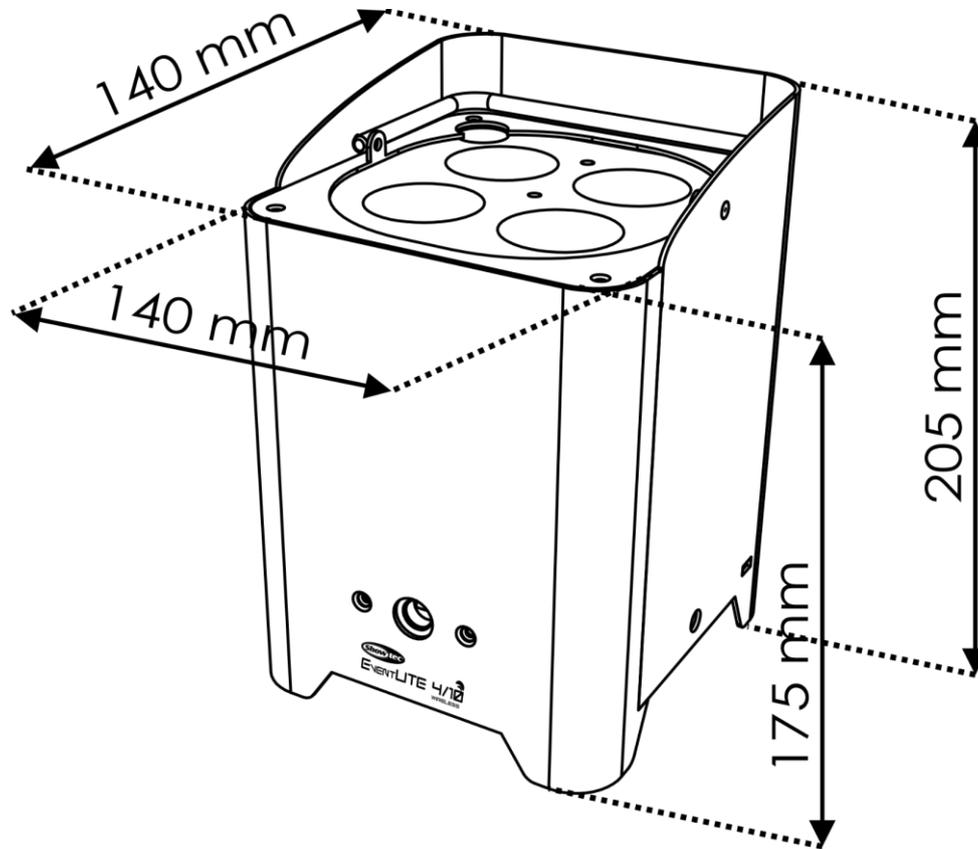
Design and product specifications are subject to change without prior notice.



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## Dimensions







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