



EventLite 6/3

ORDERCODE 44000



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SHOWELECTRONICS FOR PROFESSIONALS

Congratulations!

You have bought a great, innovative product from Showtec.
The Showtec EventLite 6/3 brings excitement to any venue. Whether you want simple plug-&-play action or a sophisticated DMX show, this product provides the effect you need.

You can rely on Showtec, for more excellent lighting products.
We design and manufacture professional light equipment for the entertainment industry.
New products are being launched regularly. We work hard to keep you, our customer, satisfied.
For more information: iwant@showtec.info

You can get some of the best quality, best priced products on the market from Showtec.
So next time, turn to Showtec for more great lighting equipment.
Always get the best -- with Showtec !

Thank you!



Showtec EventLite 6/3™ Product Guide

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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 damaged from shipping or the carton itself shows signs of mishandling. Save the carton and all packing materials. In the event that a 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:

- EventLife 6/3 with IEC cable 1,5m
- 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. It is estimated that a viable lifespan of 40,000 to 50,000 hours will be achieved under normal operational conditions. If improving on this lifespan expectancy is of a higher priority, place care in providing for lower operational temperatures. This may include climatic-environmental and the reduction of overall projection intensity.

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 look directly into the light source.
- Never leave any cables lying around.
- Never use the device during thunderstorms, unplug the device immediately.
- Never leave various parts of the packaging (plastic bags, polystyrene foam, nails, etc.) within children's reach, as they are potential sources of danger.
- Do not insert objects into air vents.
- Do not open the device and do not modify the device.
- Do not connect this device to a dimmerpack.
- Do not switch the device on and off in short intervals, as this would reduce the device's life.
- Do not shake the device. Avoid brute force when installing or operating the device. The EventLite reacts very sensitive to movement.
- Only operate the device after having familiarized with its functions.
- Only use device indoor, avoid contact with water or other liquids.
- 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.
- Only install the device on a flat surface.
- If the external cable is damaged, it has to be replaced by a qualified technician.
- If the lens is obviously damaged, it has to be replaced. So that its functions are not impaired, due to cracks or deep scratches.
- If device is dropped or struck, switch off the device. 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. The device must be installed out of the reach of children. Never leave the unit running unattended.
- For replacement use fuses of same type and rating only.
- 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 electric connection must be carried out by a qualified technician.
- WARRANTY: Till one year after date of purchase.



CAUTION ! EYEDAMAGES !
Avoid looking directly into the light source.
(meant especially for epileptics) !



Operating Determinations

- This device is not designed for permanent operation. Consistent 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 more than 0.5 meter.
- The maximum ambient temperature $t_a = 45^\circ\text{C}$ must never be exceeded.
- The relative humidity must not exceed 50 % with an ambient temperature of 45°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.

You endanger your own safety and the safety of others!

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.nl 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 for the return. Be sure to properly pack fixture, 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:

- 1) Your name
- 2) Your address
- 3) Your phone number
- 4) 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 a 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 otherwise agreed 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 then 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

Features

The EventLite 6/3 is a LED effect from Showtec

- Input Voltage (battery charger): AC 100V-240V, 60Hz/50Hz (only power in, no power out)
- Compact and lightweight
- Battery: 11.1V, 12AH
- Power consumption at full output: 30W
- Operating time at Full On: 7 hours (RGB)
- Charging time: 8 hours (LED blackout when the device is charging)
- Operation mode: LCD display
- Control feature: Built-in programs, auto running mode, DMX mode, master/slave mode, sound-active mode, and static color
- DMX channels: 2, 3, 5 Channels
- DMX communication mode: 2.4GHz wireless communications (received), XLR3 wired connection
- Wireless module: Sweden W-DMX TRx 2.4G WIFI, 2dBi Antenna
- RGB color mixing
- Ideal for all kinds of events and a true leader in his class
- 3 in 1 RGB LED's (6*Tri-3W) combined with dedicated high class optics ensuring a bright and well defined beam
- Adjustable projection angle
- For (temporary) outdoor use
- Rain cover is separately available
- IP44 (temporary event)
- Dimmer: 0-100%
- Fuse: 1A/250V
- Housing: Stainless steel
- Fixture Connection: 3-pin XLR In and Out, IEC Power in
- Cooling: Convection
- Dimensions: 162 x 178 x 289 mm (LxWxH)
- Weight: 3,42 Kg

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

Overview



Fig. 1

- 1) IEC Power Connector + Fuse F1A / 250V
- 2) 6x 3-in-1 RGB LEDs 3W
- 3) Wireless DMX Antenna

- 4) DMX signal connector (IN) 3-pin
- 5) DMX signal connector (OUT) 3-pin

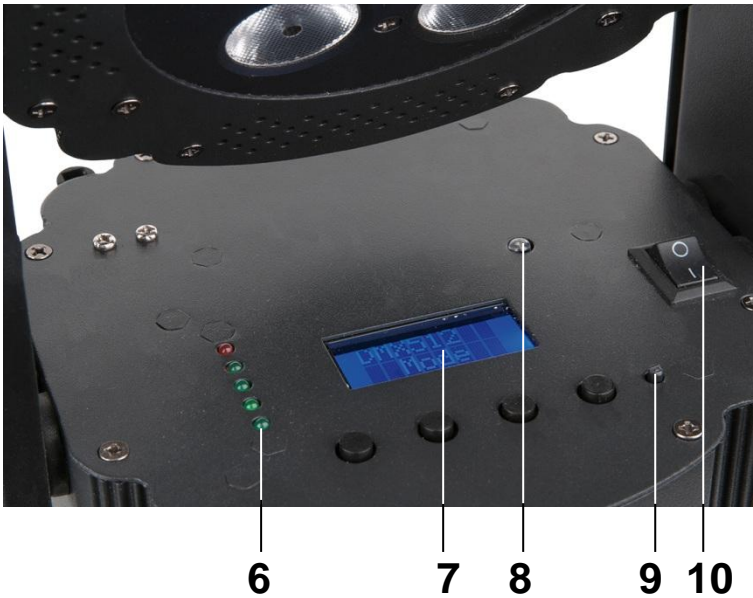


Fig. 2

- 6) Battery Charger LEDs
- 7) LCD Display with menu buttons
- 8) Wireless DMX LED
- 9) Wireless DMX Unlink button
- 10) On/Off

Installation

Remove all packing materials from the EventLite 6/3. Check that 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.

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.

Sweden 2.4G 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** (approx. through three concrete walls) **60m**

Outdoor: 250m

Wireless DMX connection

The wireless receiving module "Pico G4 Receiver, 2.45GHz", provided by Swedish WIRELESS SOLUTION, only has a 2.45 GHz wireless signal receiving function. In order to match the wireless signal, please use the Wireless DMX Micro Transmitter/ Black Box F-1 G4 MK2 by WIRELESS SOLUTION (**50231**).

To indicate the status of the wireless communication, please look at the big green LED indicator light on the right side of the display.

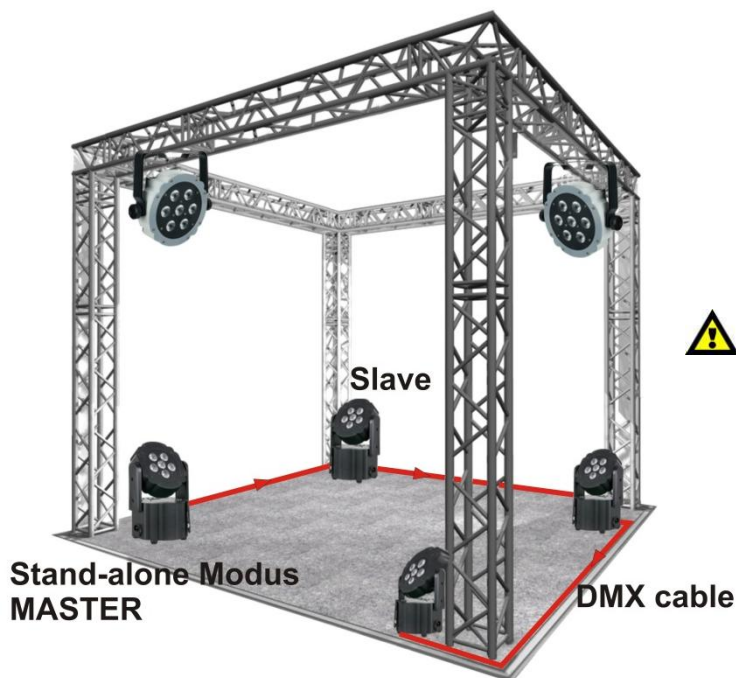
Wifi Problems:

1. No emitter/sender matching
The LED Indicator dims for a long period of time.
2. Matching signal with one emitter, but loss of signal communication
The LED Indicator light will light up for 100ms and then dim for 100ms; The LED will flicker quickly.
3. Communication with an emitter, but no DMX data
The LED Indicator will light up for 900ms and then dim for 100ms; The LED will flicker slowly.

When the wireless DMX communication is normal, the LED indicator will always be on.

 The EventLite cannot receive a wireless DMX signal and a DMX cable signal at the same time 

When the device is in static color mode, built-in program mode, auto run mode or sound-active mode, please ensure that the matching 2.4GHz wireless signal transmitter is OFF.





 The EventLite is only a WDMX receiver and never a WDMX sender 

Fig. 3

Example (Fig 3):

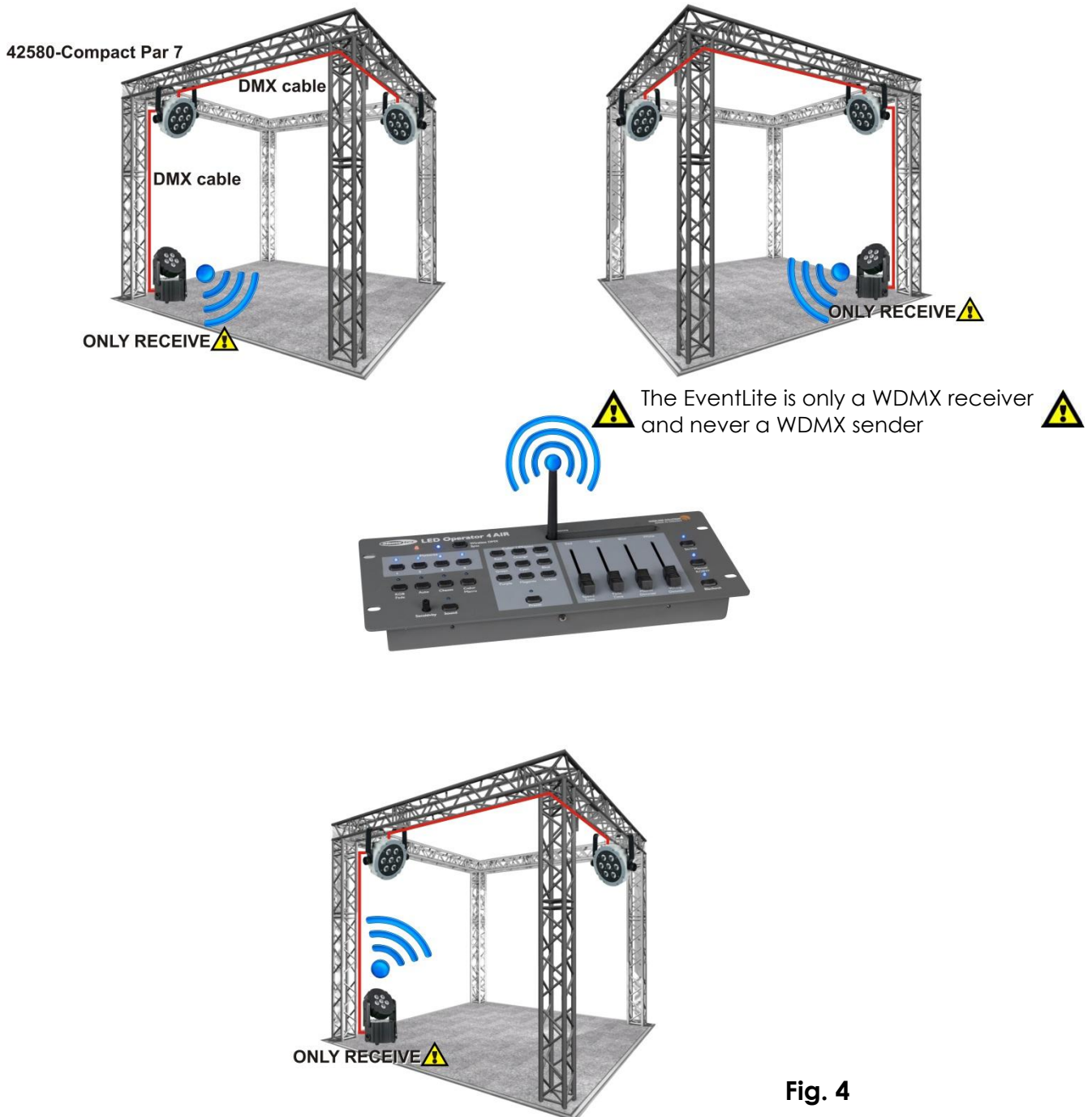
In static color mode, built-in program mode, auto run mode or sound-active mode, the EventLite cannot send its signal to another EventLite wirelessly !!

In one of these modes, the second, third, etc EventLite must always be connected via a DMX signal cable.

When the EventLite is in DMX or SLAVE mode, the EventLite can receive a Wireless DMX signal (CH1-512) and at the same time it can also sent out a DMX signal through a DMX cable.

Example (Fig 4):

The Showtec Operator Air (50726) sends out a wireless signal with 512 channels and the EventLite picks up this signal. It uses the first 5 channels for its own setup and sends the rest of the channels through a DMX cable to the other Compact Pars 7 (42580).



Disconnect from the Wireless DMX signal transmitter

The EventLite can be temporarily disconnected from the wireless DMX signal transmitters.

1. Press and hold the Unlink-button for more than 3 seconds. The display will show the time you are holding the button down.
2. When you release this button, the device will be temporarily disconnected from the wireless DMX signal transmitter, the indicator light will turn off.
3. The EventLite can only rebuild its wireless communication by first disconnecting and then trying to match the active signal condition.



Wireless DMX Unlink button

Connect the EventLite to the Wireless DMX signal transmitter

1. The EventLite cannot actively match a random wireless signal transmitter.
2. In order to create a Wireless match, please check the manual of your wireless signal transmitter.
3. We advise you to use the Wireless DMX Micro Transmitter/ Black Box F-1 G4 MK2 by WIRELESS SOLUTION (50231).



50231

Charging the built-in battery

1. The device is equipped with a 11.1V/12AH lithium battery.
2. Turn off the power switch.
3. In order to charge the battery, you need to plug in the IEC powercable.
4. While the battery is charging, the green LEDs on the left side will light up, just like an equalizer.
5. When the battery is fully charged, the green LEDs will light up permanently.



You cannot take out the lithium battery and charge it separately.

The battery can only be charged when it is inside the device



Important!

- Do not charge the lithium battery for more than 24 hours.
- Please recharge the battery in time. Example: When the battery is low on power or out of power. If you do not use the EventLite for a long time, please recharge the battery at least once a month, in order to prevent the lithium battery from damaging.
- After a cycle use of 300 times, the battery capacity will be reduced to about 8AH (70% of the total capacity). Please reduce the charge and discharge times, to extend the battery lifetime. After 300 times of charging and discharging, you need to replace the battery.
- Store in an upright position.

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.

The EventLite uses up to 5 channels.

Important: Fixtures on a serial data link must be daisy chained in one 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 EventLite 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 Certified DMX Data Cables

- DAP Audio Basic microphone cable for allround use. bal. XLR/M 3 p. > XLR/F 3 p.
Ordercode: FL01150 (1,5m.), FL013 (3m.), FL016 (6m.), FL0110 (10m.), FL0115 (15m.), FL0120 (20m.).
- DAP Audio cable for the demanding user with exceptional audio-qualities and connector made by Neutrik®. **Ordercode:** FL71150 (1,5m.), FL713 (3m.), FL716 (6m.), FL7110 (10m.).




Control Modes

- There are 5 modes:
- Static Colors
 - Built-in programs
 - Auto Run Programs
 - Sound-controlled
 - Master/Slave
 - DMX512


One EventLite (Built-in Programs + Auto Run + Static colors)

When the EventLite is not connected by a DMX-cable and Wireless DMX is switched off, it functions as a stand-alone device. See page 16 for more information about the Built-in Programs + Auto Run + Static colors.

One EventLite (Sound-control)

1. Leave at least 0,5 meter on all sides for air circulation.
2. Plug the end of the electric mains power cord into a proper electric power supply socket.
3. Turn on the music. If device is set to  (Audio) and you have pressed enter, then the fixture will react to the beat of the music. Please see page 16 for more information about the sound-control options.

Multiple EventLite's (Master/Slave control)

1. Leave at least 0,5 meter on all sides for air circulation.
2. Use a 3-p XLR cable to connect the EventLite.
The pins: 

1.	Earth
2.	Signal -
3.	Signal +
3. Link the units as shown in (Fig. 5), 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. You can use the same functions on the master device as described on page 16 (Static Colors, Auto Run, Built-in Programs or Sound-control). This means on the master device you can set your desired operation Mode and all slave devices will react the same as the master device.

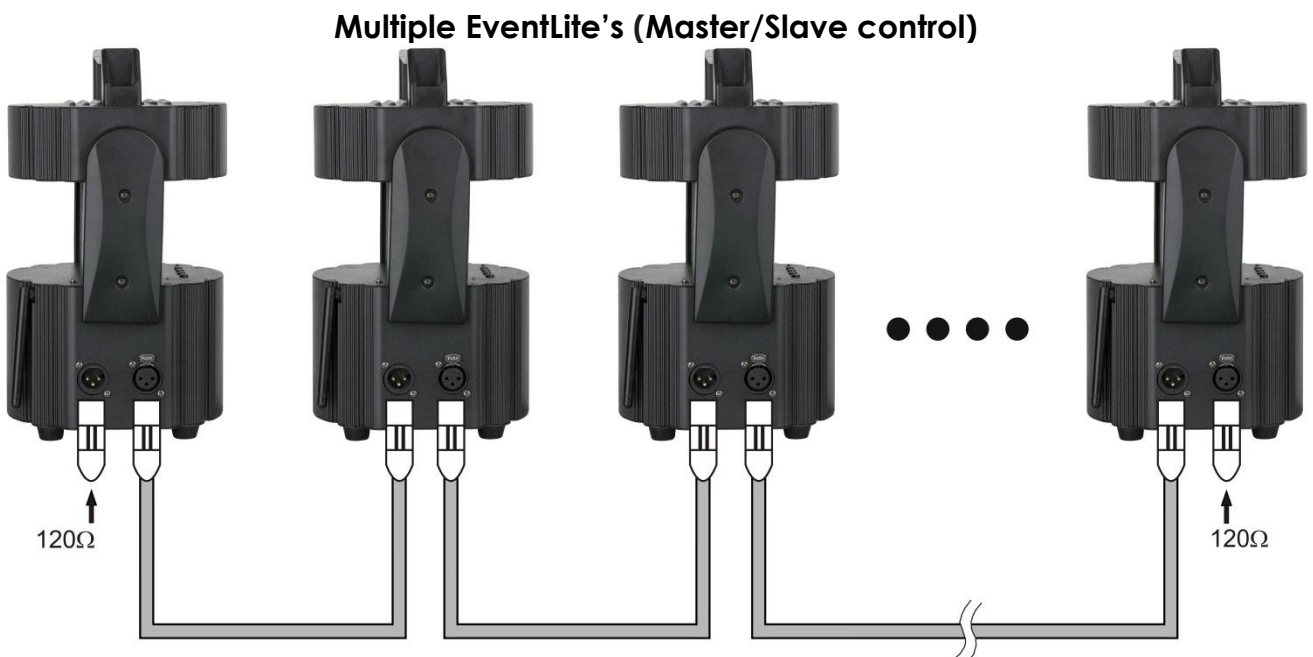


Fig. 5

Multiple EventLite's (DMX Control+Wireless DMX control)

1. Plug the end of the electric mains power cord into a proper electric power supply socket or use the Eventlite with its built-in battery but without the powercable.
2. Use a 3-p XLR cable to connect the EventLite's.
3. Link the units as shown in (figure 6), 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.
4. Supply electric power: Plug the end of the mains power cord into proper electric power supply sockets. Do so for all units and the controller. Do not supply power before the whole system is set up and connected properly.

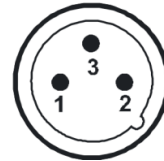
Occupation of the XLR-connection:

DMX-OUTPUT XLR mounting-socket:



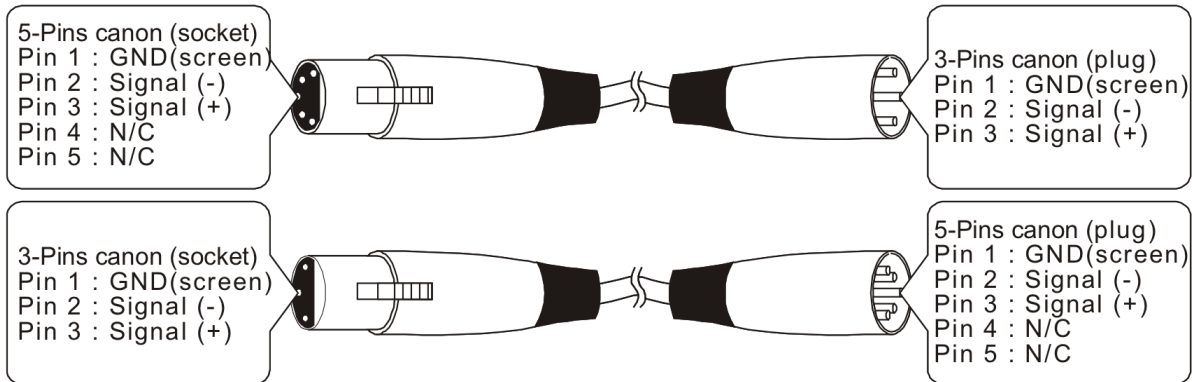
- 1 - Ground
- 2 - Signal (-)
- 3 - Signal (+)

DMX-input XLR mounting-plug

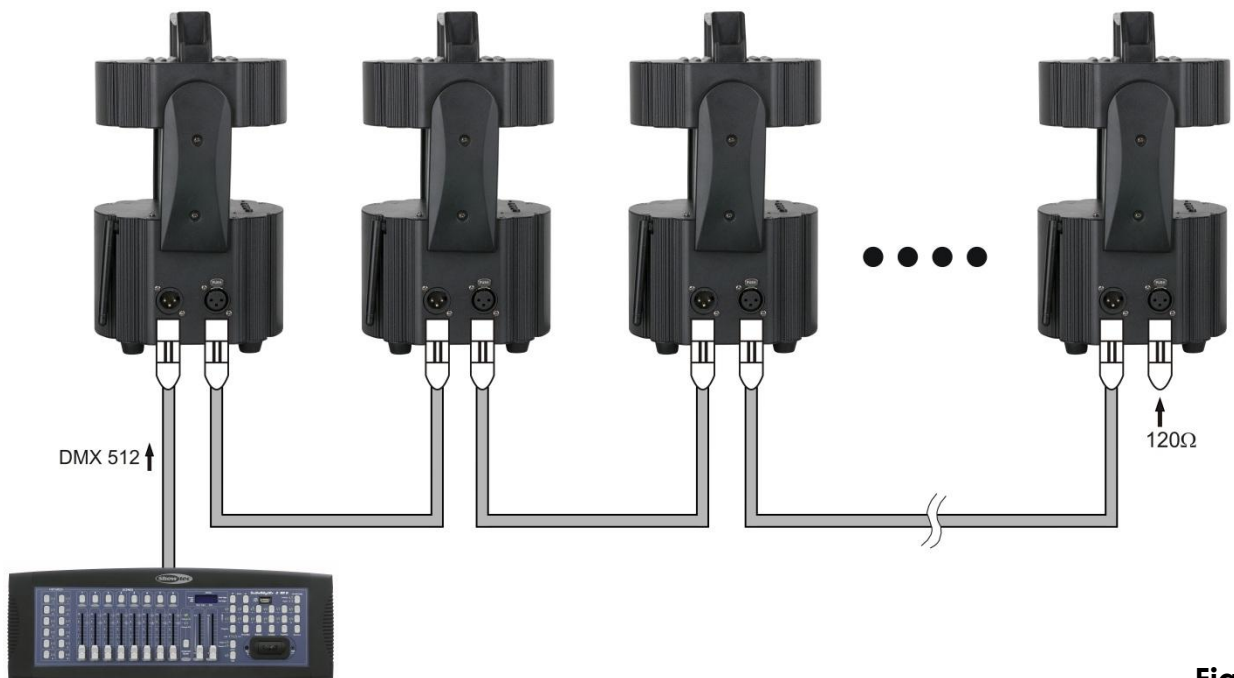


- 1 - Ground
- 2 - Signal (-)
- 3 - Signal (+)

The transformation of the controller line of 3 pins and 5 pins (plug and socket)



Multiple EventLite's DMX Set Up



Note: Link all cables before connecting electric power

Fig. 6

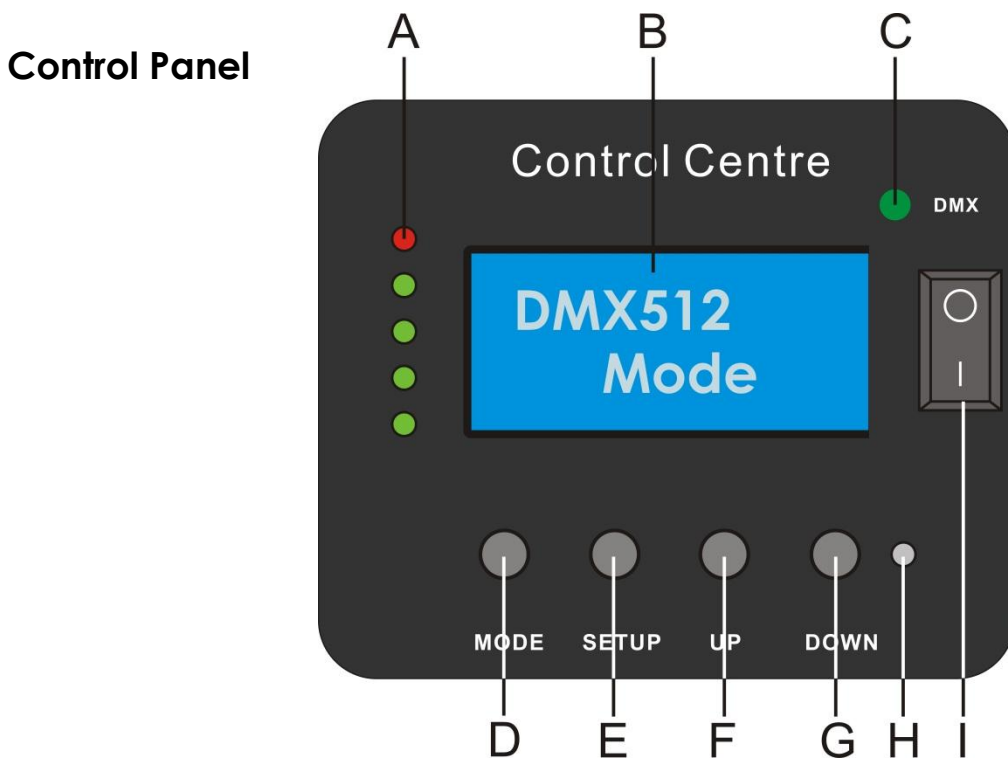


Fig. 7

- | | |
|---------------------------|-------------------------------|
| A. Battery indicator LEDs | F. Up Button |
| B. LCD Display | G. Down Button |
| C. WDMX indicator LED | H. Wireless DMX Unlink button |
| D. MODE button | I. ON/OFF |
| E. SETUP Button | |

DMX Control Mode

The fixtures are individually addressed on a data-link and connected to the controller. When a DMX signal is present, the green LED (C) will blink. The fixtures respond to the DMX signal from the controller.

DMX Addressing

The control panel on the front side of the base 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 **5** channels (in TOUR mode). I.e.: When using multiple EventLite, 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+5=6**; the DMX address of the third EventLite should be **6+5=11**, etc. Please, be sure that you don't have any overlapping channels in order to control each EventLite correctly. If two or more EventLite's are addressed similarly, they will work similarly.

Controlling: After having addressed all EventLite's, 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:

Controlling:

After having addressed all EventLite, 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. The problem may be:

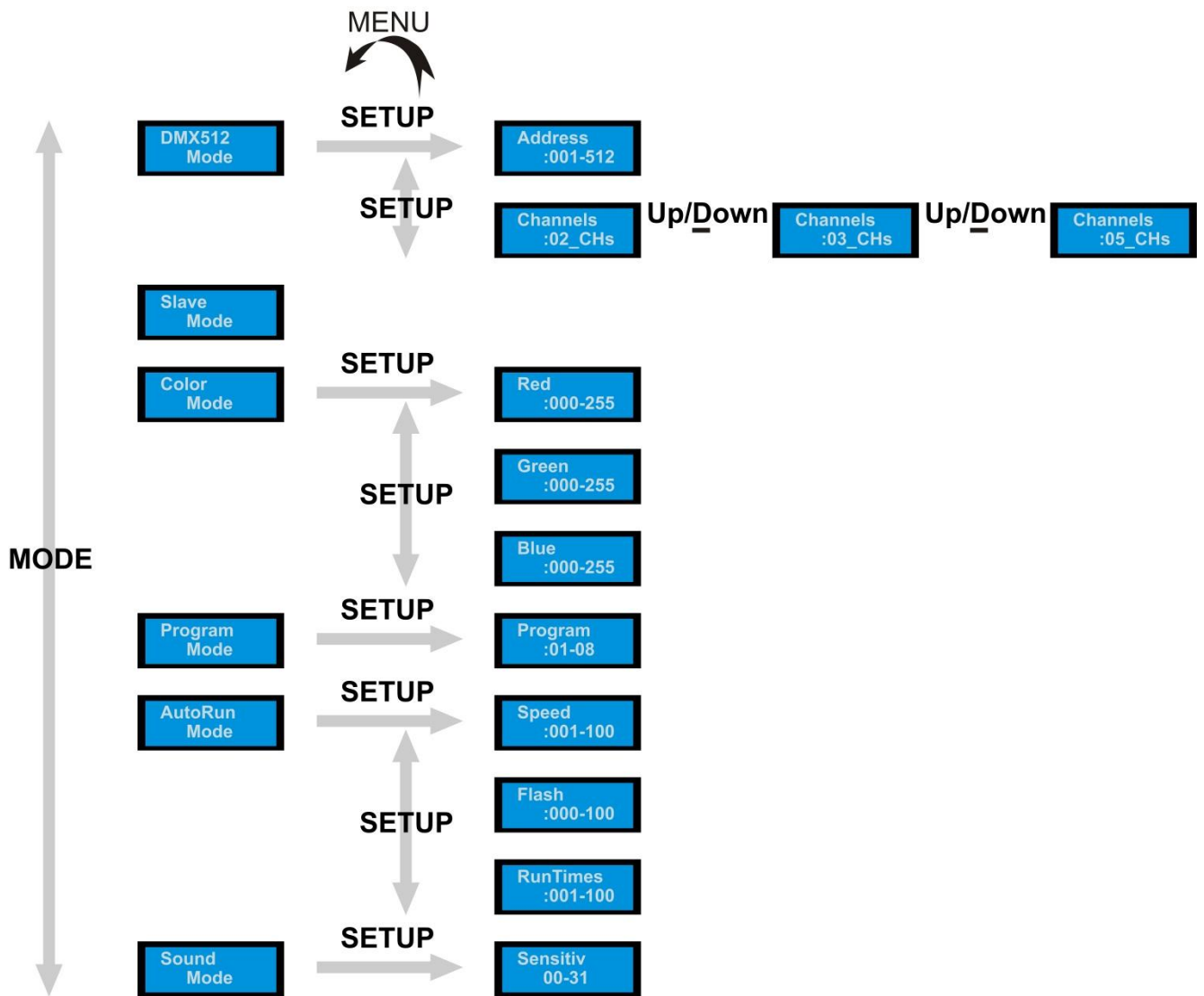
- The XLR cable from the controller is not connected with the input of the EventLite.
- The controller is switched off or defective, the cable or connector is defective, or the signal wires are swapped in the input connector.

Note: It's 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.

The EventLite will only show its version number at start-up !

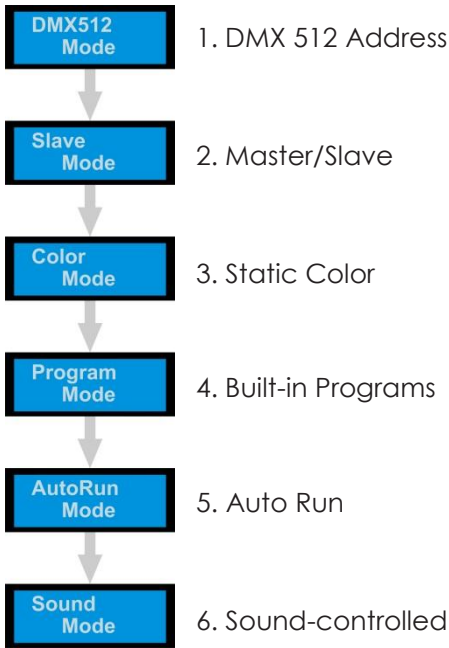


Menu overview



Main Menu Options

Press the **MODE** button to scroll through 6 options of the menu:



1. DMX 512 Address



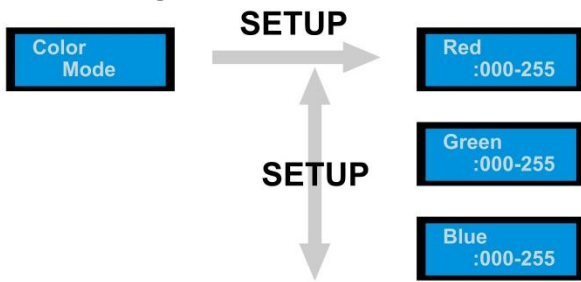
When a DMX signal is present, the DMX LED will light up.
 With this menu you can set the DMX address and the personality of the EventLite.

- 1) Press the **MODE** button, until the display shows:
- 2) You can choose 512 different DMX addresses.
 Use the **Up / Down** buttons to select the required address from **Up/Down**
- 3) When you press the **SETUP** button twice, the display shows:
- 4) You can set 3 DMX Modes:
 - 2 Channels
 - 3 Channels
 - 5 Channels

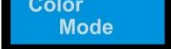
2. Slave Mode

When the display shows: , the device is a slave device. It will now react the same as its master.

3. Creating a static color



With this menu you can set the Static Colors (R,G,B) of the EventLite.

- 1) Press the **MODE** button on the EventLite, until the display shows:  .
- 2) Use **SETUP** to change the static colors (Red, Green, Blue).
- 3) Use the **UP/DOWN** buttons to change the value from 000-255.
- 4) You can combine RED, GREEN and BLUE to create an infinite range of colors (0-255).

Red

Set the value of the red LEDs (0-255).

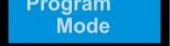


Green

Set the value of the green LEDs (0-255)

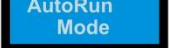
Blue

Set the value of the blue LEDs (0-255).

4. Built-in Programs

- 1) Press the **MODE** button on the device, until the display shows  .
- 2) With this menu you can set the Built-in Program Mode.
- 3) You can choose 8 built-in programs  **Up/Down**  , by using the **UP/DOWN** buttons.

5. Auto Run Programs

- 1) Press the **MODE** button on the device, until the display shows  .
- 2) With this menu you can set the Auto Mode of the EventLite.
- 3) Press **SETUP** to enter the AUTO Menu. You can choose 3 different sub menus.


 **Up/Down**  Speed from 01-99 and FL

 **Up/Down**  Flash Frequency from 00-99

 **Up/Down**  Number of Loops from 01-100

- 4) Use the **SETUP** button to scroll through the menu.
- 5) Use the Up / Down buttons to change the value.

6. Sound control Mode

- 1) Press the **MODE** button on the device, until the display shows  . Turn on the music and the EventLite will react to the beat of the music.

 You can set the sensitivity from low-sensitivity to high-sensitivity between **00 - 31**. 

 **Up/Down** 

DMX Channels

2 Channels

Channel 1 – Colors, Built-in Programs, Sound

0-9	Off
10-19	Red
20-29	Red+Green
30-39	Green
40-49	Green+Blue
50-59	Blue
60-69	Red+Blue
70-79	Red+Green+Blue
80-89	Program 1
90-99	Program 2
100-109	Program 3
110-119	Program 4
120-129	Program 5
130-139	Program 6
140-149	Program 7
150-159	Program 8
160-255	Sound control

Channel 2 – Speed (when CH1 is set between 80-159)

0-255	Speed from slow to fast
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Channel 2 – Sensitivity (when CH1 is set between 160-255)

0-255	Sensitivity
-------	-------------

3 Channels

Channel 1 – Red

0-255	Gradual adjustment Red from 0 – 100%
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Channel 2 – Green

0-255	Gradual adjustment Green from 0 – 100%
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Channel 3 – Blue

0-255	Gradual adjustment Blue from 0 – 100%
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5 Channels

Channel 1 – Red

0-255	Gradual adjustment Red from 0 – 100%
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Channel 2 – Green

0-255	Gradual adjustment Green from 0 – 100%
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Channel 3 – Blue

0-255	Gradual adjustment Blue from 0 – 100%
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Channel 4 –Dimmer intensity

0-255	Gradual adjustment from black to brightest 0 – 100%
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Channel 5 – Shutter / Strobe (CH1, CH2 and/or CH3 must be used)

0-2	OFF
3-255	Strobe effect, from slow to fast (0-10 flashes/sec.)

Maintenance

The EventLite 6/3 requires almost no maintenance. However, you should keep the unit clean. Otherwise, the fixture's light-output will be significantly reduced. Switch off the device and then wipe the cover with a damp cloth. Wipe the front glass panel clean with glass cleaner and a soft cloth. Do not use alcohol or solvents. The front glass panel will require weekly cleaning, as smoke-fluid tends to build up residues, reducing the light-output very quickly. Do not immerse in liquid. Keep connections clean. Disconnect electric power, and then wipe the DMX 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, carry out the steps below in sequence until a solution is found. Once the unit operates properly, do not carry out following steps.

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

Response: Suspect two potential problem areas: the battery and the LED.

1. Battery. Check that the battery is fully charged.
2. The LEDs. Return the EventLite 6/3 to your Showtec dealer.
3. If all of the above appears to be O.K., switch the unit on again.
4. If you are unable to determine the cause of the problem, do not open the EventLite 6/3, as this may damage the unit and the warranty will become void.
5. Return the device to your Showtec dealer.

Temperature Control Protection

1. When the temperature of the LED board reaches 60°C or if the thermistor check fails, the temperature protection will kick in and reduce the power output automatically.
Thermistor test failure: The thermistor is damaged, the Thermistor connection is faulty or the microcomputer port is damaged.
2. Temperature control (LED signal) when the EventLite is powered on:
When the device is powered on, the device will check the temperature working condition.
When the Thermistor test fails, the red LED will light up.
When the Thermistor is working normally, the red LED will be off.
3. Temperature check via LCD display
Press the **MODE** button and then turn on the EventLite.
If the temperature control is working, the display will show **Check-up Tr1: xx** (xx is the current LED board temperature value).
If the temperature control is faulty, the display will show **Check-up Tr1: Er**.
During this process, the brightness of a faulty device is far below that of a normal device.
Always test the temperature condition before using the EventLite.

No Response to DMX

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

1. Check the DMX setting. Make sure that DMX addresses are correct.
2. Check the DMX cable: Unplug the unit; change the DMX cable; then reconnect to electrical power. Try your DMX control again.
3. Determine whether the controller or light effect is at fault. Does the controller operate properly with other DMX products? If not, take the controller in for repair. If so, take the DMX cable and the light effect to a qualified technician.

See the table below for more problem solving.

Problem	Probable cause(s)	Remedy
One or more fixtures are completely dead.	No power to the fixture	<ul style="list-style-type: none"> • Check that power is switched on, the power cable is ok, the cable is connected and/or the battery is charged
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"> • Connect controller.
	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"> • Install a phase reversing cable between the controller and the first fixture on the link.
Fixtures reset correctly, but some respond erratically or not at all to the controller.	Poor data quality	<ul style="list-style-type: none"> • 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.
	Bad data link connection	<ul style="list-style-type: none"> • Inspect connections and cables. Correct poor connections. Repair or replace damaged cables.
	Data link not terminated with 120 Ohm termination plug.	<ul style="list-style-type: none"> • Insert termination plug in output jack of the last fixture on the link.
	Incorrect addressing of the fixtures.	<ul style="list-style-type: none"> • Check address setting.
	One of the fixtures is defective and disturbs data transmission on the link.	<ul style="list-style-type: none"> • Bypass one fixture at a time until normal operation is regained: unplug both connectors and connect them directly together. • Have the defective fixture serviced by a qualified technician.
No light	3-pin XLR Out on the fixtures does not match (pins 2 and 3 reversed).	<ul style="list-style-type: none"> • Install a phase-reversing cable between the fixtures or swap pin 2 and 3 in the fixture that behaves erratically.
	Fixture is too hot.	<ul style="list-style-type: none"> • Allow fixture to cool. • Make sure air vents at control panel and front lens are not blocked. • Turn up the air conditioning.
	LEDs damaged	<ul style="list-style-type: none"> • Disconnect fixture and return to your dealer.

Product Specification

- Input Voltage (battery charger): AC 100V-240V, 60Hz/50Hz (only power in, no power out)
- Compact and lightweight
- Battery: 11.1V, 12AH
- Power consumption at full output: 30W
- Operating time at Full On: 7 hours (RGB)
- Charging time: 8 hours (LED blackout when the device charging)
- Operation mode: LCD display
- Control feature: Built-in programs, auto running mode, DMX mode, master/slave mode, sound-active mode, and static color
- DMX channels: 2, 3, 5 Channels
- DMX communication mode: 2.4GHz wireless communications (received), XLR3 wired connection
- Wireless module: Sweden W-DMX TRx 2.4G WIFI, 2dBi Antenna
- RGB color mixing
- Li-ion battery (12 hours at full RGB on)
- Ideal for all kinds of events and a true leader in his class
- 3 in 1 RGB LED's (6*Tri-3W) combined with dedicated high class optics ensuring a bright and well defined beam
- Adjustable projection angle
- For (temporary) outdoor use
- Rain cover is separately available
- IP44 (temporary event)
- Dimmer: 0-100%
- Fuse: 1A/250V
- Housing: Stainless steel
- Fixture Connection: 3-pin XLR In and Out, IEC Power in
- Cooling: Convection
- Dimensions: 162 x 178 x 289 mm (LxWxH)
- Weight: 3,42 Kg



Minimum distance

Minimum distance from flammable surfaces: 0,5m

Minimum distance to lighted object: 1m

Max. ambient temperature t_a : 40°C; Max. housing temperature t_b : 80°C

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



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