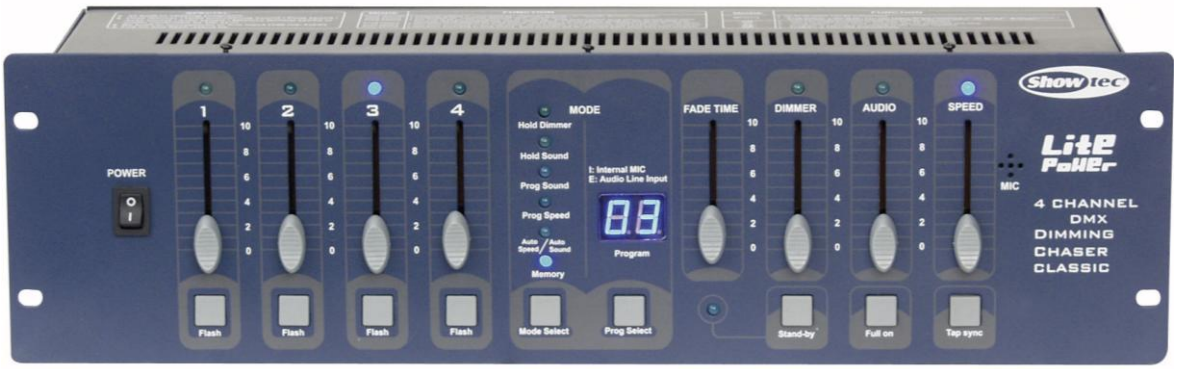
Lite Power Classic

ORDERCODE 50319



SHOWELECTRONICS FOR PROFESSIONALS

Congratulations!
You have bought a great, innovative product from Showtec.
The Showtec Lite Power Classic 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

Showtec Lite Power Classic™ Product Guide

Warning 2
- Safety-instructions 2
- Operating Determinations 3
- Return Procedure 4
- Claims 4

Description 5
- Features and Overview 5
- Backside 6

Installation 7
- Installation 7

Set Up and Operation 7

Maintenance 9
- Replacing the Fuse 9

Troubleshooting 9

Product Specifications 10

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:

- Lite Power Classic
- User manual

WARNING

CAUTION!
Keep this device away from rain and moisture!

FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE YOUR INITIAL START-UP!

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.

- Do not open the device and do not modify the device.
- Never leave any cables lying around.
- Do not insert objects into air vents.
- 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 touch the device's housing bare-handed during its operation (housing becomes hot).
- Do not shake the device. Avoid brute force when installing or operating the device.
- Only use device indoor, avoid contact with water or other liquids.
- Only operate the device after having familiarized with its functions.
- Avoid flames and do not put close to flammable liquids or gases.
- Make sure that the device is not exposed to extreme heat, moisture or dust.
- 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 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 device is 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 the reach of children. Never leave the unit running unattended.
- For replacement use fuses of same type and rating only.
- 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 only by Showtec.
- WARRANTY: Till one year after date of purchase.

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.

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, lamp explosion, crash etc.

You endanger your own safety and the safety of others!

Improper installation can cause serious damage to people and property !

Connection with the mains

Connect the device to the mains with the power-plug.
Always pay attention, that the right color cable is connected to the right place.

International	EU Cable	UK Cable	US Cable	Pin
L	BROWN	RED	YELLOW/COPPER	FASE
N	BLUE	BLACK	SILVER	NUL
⏚	YELLOW/GREEN	GREEN	GREEN	EARTH

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

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

⚠ 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 short-comings 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 Lite Power Classic is a four channel multi-function chasing powerpack.

- 4-Channel-DMX/MIDI-Pack
- Load of 5A per channel with a maximum of 16A total.
- Fade time control
- 4 individual Faders and 1 Master-Fader
- 4 Flash-Buttons, Full-On & Standby (Priority)
- 42 pre-set Chases with controllable Chase-speed
- 7 Modes: Hold Dimmer / Hold Sound / Prog Sound / Prog Speed / Auto Speed /Auto Sound / Memory.
- Audio-Mode controlled by built-in microphone and Line-in
- Memory backup
- LCD Display

NOTE: Knowledge of MIDI and DMX is required to fully utilize this unit.

Overview

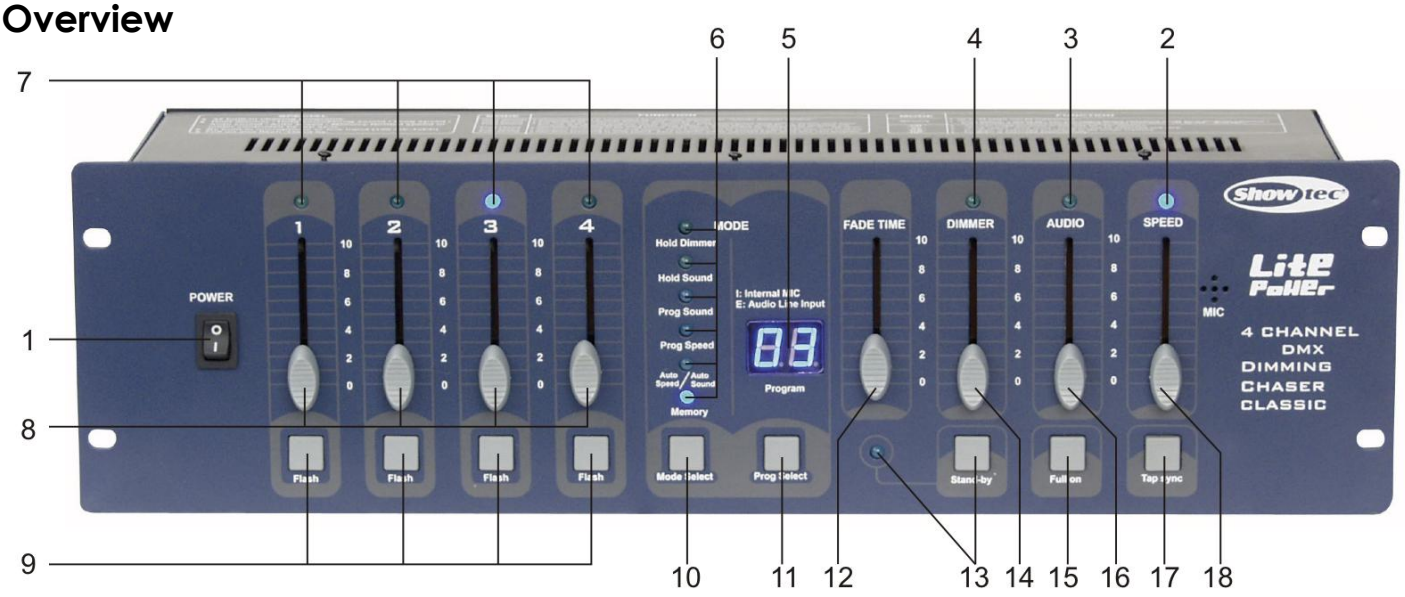


Fig. 1

Frontside

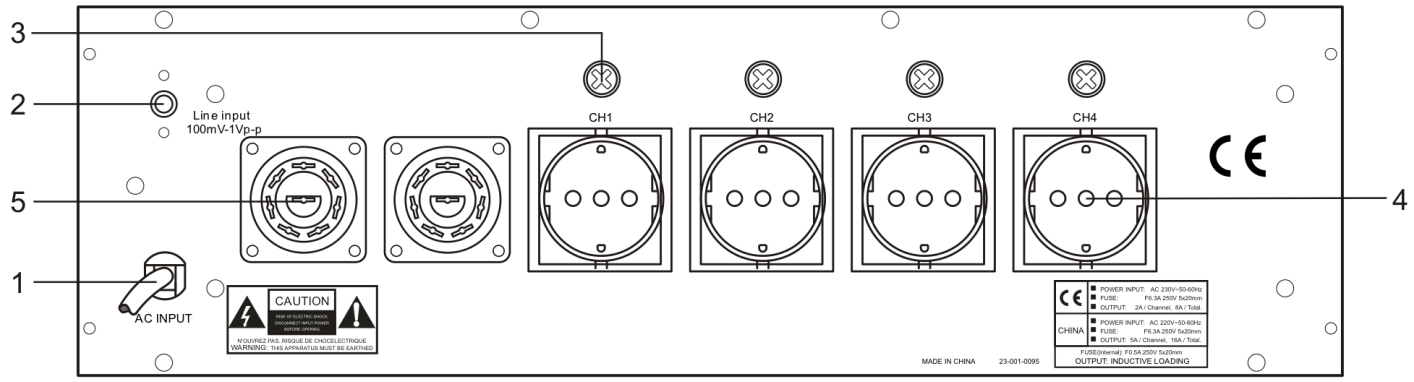
1) Power Switch ON/OFF
2) Speed Indicator: This indicator indicates the chasing speed.
3) Audio Level Indicator: This indicator indicates the sensitivity of music rhythms.
4) Master Dimmer Indicator: This indicator indicates master dimming level.
5) Program Display: Shows desired pre-set digit parameters (Chase status or Program mode).
6) Mode LEDs; These LEDS light up or blink indicating the current operating mode.
7) Channel Dimmer LEDs; These LEDs indicate the dimming level of the corresponding channel.
8) Channel Dimmer Fader; This fader adjusts the dimming level of the corresponding channel.
9) Channel Flash Button; Press to activate the corresponding channel full-on function.
10) Mode Select Button: Press to select desired operating mode from Hold Dimmer / Hold Sound / Prog Sound / Prog Speed/ Auto Speed / Auto Sound / Memory or music control from line input / built-in microphone.
11) Program Select Button: Press this button to select desired program from 42 pre-set programs in Prog Sound / Prog Speed / Auto Speed / Auto Sound. In Memory mode, you can press to activate sub-mode to select desired operating mode from Program / Manual / Auto Sound / Auto Speed using STAND-BY .
12) Fade Control; This control adjusts the delay time. It is not effective in Hold Sound.

13) Stand-by Button & LED: Press to pause all output.
14) Master Dimmer Control: This LED indicates the operating mode being executed.
15) Full on Button: Press to activate FULL ON function of whole output.
16) Audio Level Control: This control adjusts the sensitivity of music rhythms detected by the built-in microphone or line in.
17) Tap Sync Button: This button is effective only in Prog Speed and Auto Speed. It is used to define chasing speed. When you press this button twice in 10 minutes, the interval between two pressing will be assigned to chasing speed.
18) Speed Control: This control adjusts the chasing speed.

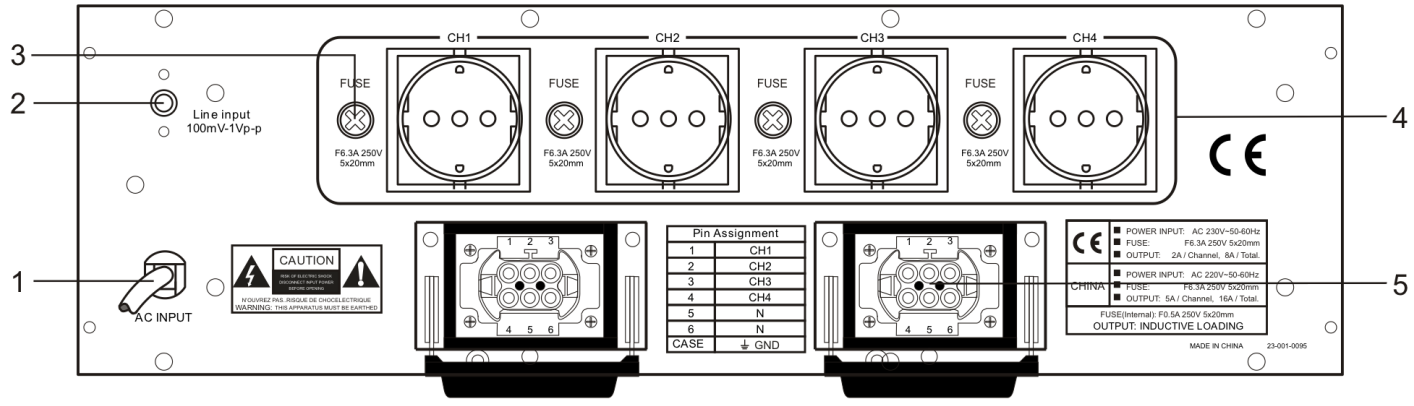
Rear Panel

There are 3 Versionen oft he Lite-Power Classic:

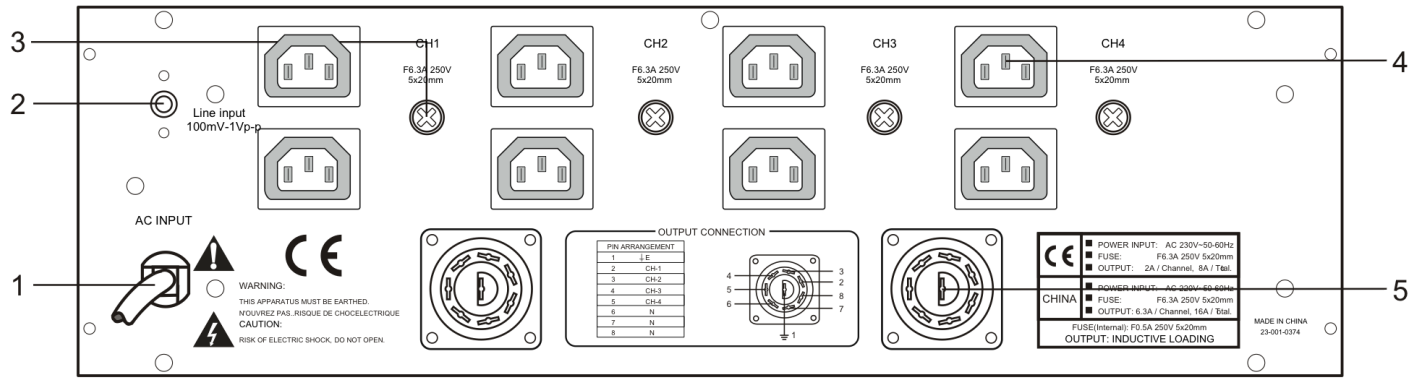
- 50319 Lite-Power (Bulgin +Schuko connectors)
- 50319M Lite-Power (Multipin +Schuko connectors)
- 50319IEC Lite-Power (Bulgin + IEC connectors)



50319M Lite-Power (Bulgin +Schuko connectors)
1) AC Input:; Plug in appropriate power supply.
2) Audio Input: Line in 100mV-1Vpp
3) Channel Fuse: F6.3A 250V 5x20mm.
4) Channel Output: 2A /CH., 8A /Total (CE)
5) Bulgin Output



50319M Lite-Power (Multipin +Schuko connectors)
1) AC Input:; Plug in appropriate power supply.
2) Audio Input: Line in 100mV-1Vpp
3) Channel Fuse: F6.3A 250V 5x20mm.
4) Channel Output: 2A /CH., 8A /Total (CE)
5) Multipin Output (6 PIN Socket x 2: Use to connect to output fixtures, pin arrangement is referred to the drawing printed in the rear panel.



50319IEC Lite-Power (mit Bulgin + IEC connectors)
1) AC Input:; Plug in appropriate power supply.
2) Audio Input: Line in 100mV-1Vpp
3) Channel Fuse: F6.3A 250V 5x20mm.
4) Channel Output: 2A /CH., 8A /Total (CE)
5) Bulgin Output

Installation

Remove all packing materials from the Lite Power Classic. Check that all foam and plastic padding is removed. Screw the equipment into a 19" rack. Connect all cables.
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.

OPERATING INSTRUCTIONS

1. Turn the power switch on.
2. Operating mode is controlled by MODE SELECT.
3. You can select operating mode from Hold Dimmer / Hold Sound / Prog Sound / Prog Speed / Auto Speed /Auto Sound / Memory.

Hold Dimmer The corresponding LED lights.
The channel output is controlled by Channel Dimmer (**8**) or Master Dimmer (**14**) fader.

Hold Sound The corresponding LED lights. The Channel output is controlled by the Channel Dimmer (**8**) fader and the music sensitivity is adjusted by the AUDIO LEVEL CONTROL (**16**).

Prog Sound The corresponding LED lights. You can select a desired program from 42 pre-set programs by using the Prog Select button (**11**). Press the Prog Select button once and the program will be increased or decreased by one. Press and hold it for 1 second and the program will be increased or decreased by 10 per second. Press Prog Select + Mode Select (**11+10**) and the chasing direction will be reversed.

Prog Speed The corresponding LED lights. You can operate as described by Prog Sound
But remember the chasing speed is not controlled by an audio signal but by SPEED CONTROL (**18**) or TAP SYNC (**17**).

Auto Speed The corresponding LED flashes. You can operate as described by Prog Speed. However, in this mode, each program will be executed 4 times continuously and then go to the next program.

Auto Sound	The corresponding LED lights. You can operate as described by Prog Sound. However, in this mode, each program will be executed 4 times continuously and then go to the next program.
Memory	Up to 32 steps can be memorized. In this mode, you can select the desired operating mode Program / Manual / Auto Sound / Auto Speed corresponding to digit indication PR, ST, AS and AP. Press and hold Prog Select (**11**) and press Stand-by (**13**) once. The PROGRAM DISPLAY will show the present operating mode. Press Stand-by (**13**) again and the next mode will be selected. Every time you press Stand-by (**13**) corresponds to a new mode. Release Prog Select (**11**) and the selected mode will be executed.
PR **mode**	Press Prog Select (**11**) until **01** appears in the PROGRAM DISPLAY. Adjust the Master Dimmer fader (**14**) or Channel Dimmer fader (**8**) to meet the user's requirements. Press Prog Select (**11**) and the PROGRAM DISPLAY will flash 4 times continuously, which means, your setting has been stored. The PROGRAM DISPLAY will show **02**. You go on with these steps, until you reach **32**. Now exit programming and start in another mode. If you fail a certain step, you should restart programming, otherwise it is not effective.
ST **mode**	Press Prog Select (**11**) once and the program will be executed one step. The PROGRAM DISPLAY will show the information. You can also take a look at Prog Sound to select a desired step.
AS **mode**	Program is executed according to music beat and the PROGRAM DISPLAY shows the step.
AP **mode**	Program is executed automatically and the PROGRAM DISPLAY shows the step. You can adjust the chasing speed according to the way described in Prog Speed.

4. FULL ON and FLASH

Press the Full On button (**15**) to activate FULL ON function of the entire output,. Press a Flash button (**9**) to activate the FULL ON function of a certain channel. These two functions are effective in any mode.

5. Stand-by

Press this button once to turn off the entire output. Press it again to exit STAND-BY. The LED will change from flashing to Off.

6. AUDIO INPUT SELECT

You can select an audio signal from the Internal MIC / Audio line Input. Press Prog Select (**11**) and turn off the power. Wait a few seconds, turn the power on and now the PROGRAM DISPLAY shows **I** or **E**. Press Mode Select (**10**) once, the audio signal input will be changed, and the indication will change accordingly. Press it again and the audio signal input will be changed once more.

Maintenance

The Showtec Lite Power Classic requires almost no maintenance. However, you should keep the unit clean. Disconnect the mains power supply, and then wipe the cover with a damp cloth. Do not immerse in liquid. Do not use alcohol or solvents.
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.

Replacing a Fuse

Power surges, short-circuit or inappropriate electrical power supply may cause a fuse to burn out. If the fuse burns out, the product will not function whatsoever. If this happens, follow the directions below to do so.

1. Unplug the unit from electric power source.
2. Insert a screwdriver into the slot in the fuse cover. Turn the screwdriver to the left, at the same time gently push a bit (Turn and Push). The fuse will come out.
3. Remove the broken fuse. If brown or unclear, it is burned out.
4. Insert the replacement fuse into the holder where the old fuse was. Reinsert the fuse cover. Be sure to use a fuse of the same type and specification. See the product specification label for details.

Troubleshooting

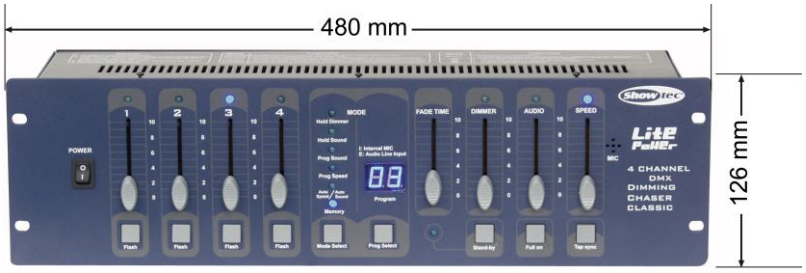
Showtec Lite Power Classic

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.

1. Power supply. Check that the unit is plugged into an appropriate power supply.
2. When you turn on the device the standby LED will start blinking. When you push the standby-button the LED will light up continuously.
3. The fuse. Replace the fuse. See page 9 for replacing the fuse.
4. Check if the menu settings are correct.

Product Specification

Model: Showtec Lite Power Classic
Power input : AC 100V-240V, 50/60Hz, 40W
DMX-Output: 3-pin female XLR
Audio Input: 100 mV~1 Vpp
Fuse: F1.5A 250V 5x20 mm
Dimensions : 480 x 132 x 126 mm (LxWxH)
Weight : 4,8 kg



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

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