



# LED Foot 4

V3

ORDERCODE 50719



**SHOWELECTRONICS FOR PROFESSIONALS**

## **Congratulations!**

You have bought a great, innovative product from Showtec.

The Showtec LED-Foot 4 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](mailto: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!



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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:

- Showtec LED-Foot 4
- Incl. Power adapter 1,75m
- 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.



### 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.
- Do not open the device and do not modify the device.
- Never use anything to cover the ground contact.
- Never leave the device run without a lamp!
- Never look directly into the light source.
- 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 shake the device. Avoid brute force when installing or operating the device. The LED-Foot 4 reacts very sensitive to movement.
- Never use the device during thunderstorms, unplug the device immediately.
- Only use device indoor, avoid contact with water or other liquids.
- Do not touch the device's housing bare-handed during its operation (housing becomes hot).
- 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.
- Only install the device with the hanging-bracket.
- 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 external cable is damaged, it has to be replaced by a qualified technician.
- If the lens or glass 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, 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. Lighteffect 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.
- Allow time to cool down, before replacing lamp.
- The user is responsible for correct positioning and operating of the LED-Foot 4. 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.
- During the initial start-up some smoke or smell may arise. This is a normal process and does not necessarily mean that the device is defective.
- 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  $45^\circ\text{C}$ .
- 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.

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

## 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 !*

*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!



## **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](mailto: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 LED-Foot 4 is a light controller from Showtec and features:

- 4 Channel patchable LED par controller
- Can be used with any LED Parcan
- Patchable
- Music control
- Foot control
- Total control to 4 groups of LED Parcans
- The LED-Foot can work with any LED fixture in the market
- Programming of programs is easy and simple
- Once the LED Foot is patched and programmed it can be controlled easily by your feet
- Scene selection, Chases selection, Function, it all can be controlled by your foot
- Ideal solution for musicians who do not have their hands free to control their lighting
- Power input: 100-240V - 500mA, Power output: DC 12V
- Power consumption: 20 Watt
- Power connector: Adapter (included)
- Chases: 12 with 24 steps
- Scenes: 24
- Fixtures: 4
- DMX-512: XLR 3 pole
- 3 modes in playback mode: Blackout mode, Music mode, Auto Mode
- Dimensions: 360 x 183 x 69 mm (W x D x H)
- Weight: 1,5 kg

### NOTE:

Knowledge of DMX is required to fully utilize this unit.

## Overview

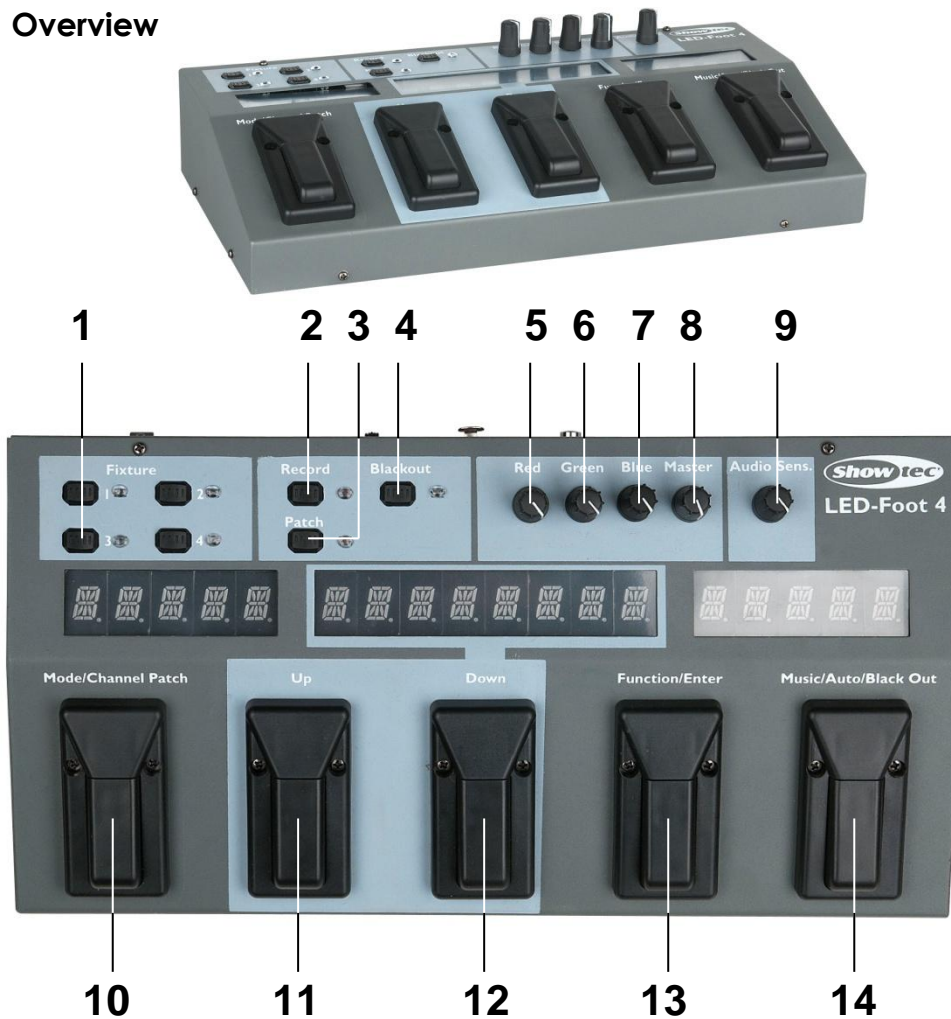


Fig. 1



## Backside



Fig. 2

- 1) Fixture 1-4
- 2) Record button
- 3) Patch button
- 4) Blackout button: Press the Blackout button to cut all output.
- 5) Red control
- 6) Green control
- 7) Blue control
- 8) Master control
- 9) Audio sensitivity control
- 10) Mode/Channel Patch Foot pedal
- 11) Up Foot pedal
- 12) Down Foot pedal
- 13) Function/Enter pedal
- 14) Music/Auto/Black Out pedal
- 15) Midi
- 16) Audio Line Input
- 17) DMX Output
- 18) DMX Polarity Switch
- 19) Power input DC12V/500mA
- 20) Power On/Off

## 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. Remove all packing materials from the LED-Foot 4. Check that all foam and plastic padding is removed.

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

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

### 1. Factory Reset

1. When the Blackout LED is off, press and hold the Record button **(2)** + Blackout Button **(4)** for 5 seconds until all LEDs flash.  
The controller will reset to its default factory setting.

### 2. Channel Assignment

1. To enter the channel assignment mode press the Patch button **(3)** for 3 seconds. The Patch LED will light up red, which indicates the controller is in channel assignment mode.
2. To select the fixture you want to patch, press one or multiple Fixture buttons **(1)**. When the Fixture LED lights up blue, the fixture can be patched.
  - Each fixture occupies 7 DMX Channels
  - DMX channel 1-128 can be assigned
3. To select a DMX channel, press the Mode/Channel Patch pedal **(10)** and select the DMX channel you want to patch.
4. When you want to select a fixture function, press the UP and DOWN pedals **(11+12)**. You can now select the fixture function, you want to use to control the DMX channel.
5. The fixture functions you can choose are: RED, GREEN, BLUE, MASTER and NO PATCH.  
The NO PATCH Channel means this DMX channel is not controlled by any of the 4 rotor controls.
6. The "F" letter on the display indicates the Fixture number, so F1RED means Fixture 1, RED Rotary.

There are 7 channels available for every fixture.

However there are only 4 rotary controls.

But you can use all 7 channels, example:

Fixture 1 CH1 Red, Fixture 2 CH2 Red, Fixture 3 CH3 Red, CH4 Green, CH5 Blue, CH6 Master, CH7 NO PATCH.

7. To save the patch assignment, press the Enter pedal **(13)** to save the patch assignment. All LEDs will flash 3 times.
8. When you want to patch more DMX channels, repeat step 2 - 5 to patch other channels.
9. To exit the channel assignment mode, press and hold the Patch button **(3)** for 3 seconds.  
The red Patch LED will dim.

# 1. Scenes

## 1.1 Program Scene

1. To enter the Program Mode, press and hold Record button **(2)** for 3 seconds, the record LED will light up red.
2. To select the SCENE mode, press the Mode/Channel Patch pedal **(10)**. The LED display above the Mode/Channel Patch pedal **(10)** will show "SCENE".
3. Use the UP and DOWN pedals **(11+12)** to select the scene you want to program.
4. Select a Fixture.  
Press a Fixture button **(1)** to select the fixture you want to set the DMX value for. When the fixture LED is ON, the DMX values can be changed.
5. If you want to change the DMX values, use the rotary controls RED, GREEN, BLUE and MASTER.
6. To deselect a Fixture, press the specific Fixture button **(1)** to dim that fixture LED. When the LED is OFF, this means the fixture is deselected.
7. Repeat step 4 - step 6 to set the DMX values for other fixtures.
8. To save the scene, press the Enter pedal **(13)**. All LEDs will flash 3 times
9. To program other scenes, repeat step 3 - step 8 until you have completed your desired scenes.
10. If you want to exit program mode, press and hold the Record button **(2)** for 3 seconds, the record LED will dim.



## 1.2 Delete Scene

1. Enter Program Mode, press and hold the Record button **(2)** for 3 seconds, the record LED will light up red.
2. Select the SCENE mode by pressing the Mode/Channel Patch pedal **(10)**. The LED display above the Mode/Channel Patch pedal **(10)** will show "SCENE"
3. Use the UP and DOWN pedals **(11+12)** to select the scene you want to delete.
4. To enter Delete Mode, press and hold the Patch button **(3)** for 3 seconds and the PATCH LED will start flashing red.
5. Press the Enter pedal **(13)** to confirm. All LEDs will flash 3 times and the scene is deleted.
6. To delete other scenes repeat step 2 - step 5.
7. If you have deleted your scenes and you want to exit program mode, press and hold the Patch button **(3)** for 3 seconds to leave the Delete Mode.
8. To exit program mode, press and hold the Record button **(2)** for 3 seconds, the record LED will dim.

## 1.3 Delete All Scenes

1. Enter Program Mode, press and hold the Record button **(2)** for 3 seconds, the record LED will light up red.
2. Select the SCENE mode by pressing the Mode/Channel Patch pedal **(10)**. The LED display above the Mode/Channel Patch pedal **(10)** will show "SCENE"
3. To enter Delete Mode, press and hold the Patch button **(3)** for 3 seconds and the PATCH LED will start flashing red.
4. Push Record button again, LED will Flash this will show you are in "Insert" mode.
5. Press the Enter pedal **(13)** to confirm. All LEDs will flash 3 times and all scenes are deleted.
6. Push Record button to exit the "Insert" mode. The record LED is ON.
7. If you have deleted your scenes and you want to exit program mode, press and hold the Patch button **(3)** for 3 seconds to leave the Delete Mode.
8. To exit program mode, press and hold the Record button **(2)** for 3 seconds, the record LED will dim.

## 1.4 Playback Scene

1. To select the SCENE mode, press the Mode pedal **(10)** to select the SCENE mode. The LED display above the Mode/Channel Patch pedal **(10)** will show "SCENE".
2. Press the FUNCTION pedal **(13)** to select the speed time setting mode. The LED display above the UP and DOWN pedals **(11+12)** will show "SPEED 01".  
You can choose between SPEED 00 (slow)- SPEED 16 (fast). Speed 0 = hold scene
3. Press the UP and DOWN pedals **(11+12)** to set the desired speed time.
4. Press the FUNCTION pedal **(13)** to select the fade time setting mode. The LED display above the UP and DOWN pedals **(11+12)** will show "FADE 01".  
You can choose between FADE 01-FADE 16. FADE 01 = NO FADE
5. Press the UP and DOWN pedals **(11+12)** to set the fade time.

## 1.5 Music or Auto mode

1. Press the MUSIC/AUTO/BLACKOUT pedal **(14)** to set the LED Foot-4 to Music or Auto Mode.
2. You can change the Audio sensitivity by turning the rotary control **(9)**.
3. To go to AUTO mode, press the MUSIC/AUTO/BLACKOUT pedal **(14)** again. You're now in AUTO Mode.
4. You can set/adjust the SPEED and FADE manually. See 1.4 for more information.



## 1.6 Program Blackout Scene

1. To enter the Program Mode, press and hold Record button **(2)** for 3 seconds, the record LED will light up red.
2. To select the SCENE mode, press the Mode/Channel Patch pedal **(10)**. The LED display above the Mode/Channel Patch pedal **(10)** will show "SCENE".
3. Use the UP and DOWN pedals **(11+12)** to select Blackout scene.
4. Select a Fixture.  
Press a Fixture button **(1)** to select the fixture you want to set the DMX value for. When the fixture LED is ON, the DMX values can be changed.
5. If you want to change the DMX values, use the rotary controls RED, GREEN, BLUE and MASTER.
6. Repeat step 5 to set the DMX values for other fixtures.
7. To save the Blackout scene, press the Enter pedal **(13)**. All LEDs will flash 3 times
8. To program other fixtures, repeat step 4 - step 5 until you have completed your settings.
9. If you want to exit program mode, press and hold the Record button **(2)** for 3 seconds, the record LED will dim.



## 2. Chases

### 2.1 Program Chase

1. To enter the Program Mode, press and hold the Record button **(2)** for 3 seconds, the record LED will light up red.
2. To select the CHASE mode, press the Mode/Channel Patch pedal **(10)** and select the CHASE mode. The LED display above the Mode/Channel Patch pedal **(10)** will show "CHASE".
3. Press the MUSIC/AUTO/BLACKOUT pedal **(14)** to select the chase, you want to program.
4. The display shows 01 01/00 meaning, Chase 1 Step 01 from 00 (in this example no steps where programmed yet)
5. Push Record button again, LED will Flash this will show you are in "Insert" mode.
6. Press a Fixture button **(1)** to select the fixture, you want to set the DMX value for. When the Blue fixture LED is ON, the fixture can be set.
7. If you want to change the DMX values, use the rotary controls RED, GREEN, BLUE and MASTER.
8. Press the Enter pedal **(13)** to save the chase step. The LED will flash 3 times.
9. If you want to program other chases, repeat step 6 - step 8.
10. Push Record button to exit the "Insert" mode. The record LED is ON.
11. If you have completed your chases and you want to exit program mode, press and hold the Record button **(2)** for 3 seconds, the record LED will dim.



### 2.2 Insert A Chase Step

1. To enter the Program Mode, press and hold the Record button **(2)** for 3 seconds, the record LED will light up red.
2. To select the CHASE mode, press the Mode/Channel Patch pedal **(10)** and select the CHASE mode. The LED display above the Mode/Channel Patch pedal **(10)** will show "CHASE".
3. Press the MUSIC/AUTO/BLACKOUT pedal **(14)** to select the chase, you want to program.
4. The display shows 01 01/00 meaning, Chase 1 Step 01 from 00 (in this example no steps where programmed yet)
5. Push Record button again, LED will Flash this will show you are in "Insert" mode.
6. Use the UP and DOWN pedals **(11+12)** to select where you want to insert the chase step, before or after a certain step.
7. Press a Fixture button **(1)** to select the fixture, you want to modify the DMX value for. When the Blue fixture LED is ON, the fixture can be set.
8. If you want to change the DMX values, use the rotary controls RED, GREEN, BLUE and MASTER.
9. To deselect a Fixture, press the specific Fixture button **(1)** to dim the that fixture LED. When the LED is



OFF, this means the fixture is deselected.

10. Press the Enter pedal **(13)** to save the chase step. The LED will flash 3 times.
11. If you want to insert more chase steps, repeat step 4 - step 11.
12. Push Record button to exit the "Insert" mode. The record LED is ON.
13. If you have completed your chase steps and you want to exit program mode, press and hold the Record button **(2)** for 3 seconds, the record LED will dim.

### 2.3 Modify A Chase Step

1. To enter the Program Mode, press and hold the Record button **(2)** for 3 seconds, the record LED will light up red.
2. To select the CHASE mode, press the Mode/Channel Patch pedal **(10)** and select the CHASE mode. The LED display above the Mode/Channel Patch pedal **(10)** will show "CHASE".
3. Press the MUSIC/AUTO/BLACKOUT pedal **(14)** to select the chase, you want to program.
4. The display shows 01 01/00 meaning, Chase 1 Step 01 from 00 (in this example no steps where programmed yet)
5. Use the UP and DOWN pedals **(11+12)** to select the chase step, you want to modify.
6. Press a Fixture button **(1)** to select the fixture, you want to modify the DMX value for. When the Blue fixture LED is ON, the fixture can be set.
7. If you want to change the DMX values, use the rotary controls RED, GREEN, BLUE and MASTER.
8. Press the Enter pedal **(13)** to save the chase step. The LED will flash 3 times.
9. If you want to insert more chase steps, repeat step 5 - step 8.
10. To exit program mode, press and hold the Record button **(2)** for 3 seconds, the record LED will dim.



### 2.4 Delete A Chase Step

1. To enter the Program Mode, press and hold the Record button **(2)** for 3 seconds, the record LED will light up red.
2. To select the CHASE mode, press the Mode/Channel Patch pedal **(10)** and select the CHASE mode. The LED display above the Mode/Channel Patch pedal **(10)** will show "CHASE".
3. Press the MUSIC/AUTO/BLACKOUT pedal **(14)** to select the chase, you want to program.
4. Use the UP and DOWN pedals **(11+12)** to select the chase step, you want to program.
5. To enter Delete Mode, press and hold the Patch button **(3)** for 3 seconds and the PATCH LED will start flashing red.
6. To delete a chase step, press the Enter pedal **(13)**. All LEDs will flash 3 times.
7. Repeat step 4 - step 6 to delete other chase steps.
8. To exit Delete Mode, press and hold the Patch button **(3)** for 3 seconds.
9. If you have completed your chase steps and you want to exit program mode, press and hold the Record button **(2)** for 3 seconds, the record LED will dim.

### 2.5 Playback Chase

1. Press the Mode/Channel Patch pedal **(10)** to select the desired CHASE mode. The LED display above the Mode/Channel Patch pedal **(10)** will show "CHASE".
2. Select a chase to run  
Press the UP and DOWN pedals **(11+12)** to select the chase to run.
3. Press the FUNCTION pedal **(13)** to select the speed time setting mode. The LED display above the UP and DOWN pedals **(11+12)** will show "SPEED 01".
4. Press the UP and DOWN pedals **(11+12)** to set the desired speed time.
5. Press the FUNCTION pedal **(13)** to select the fade time setting mode. The LED display above the UP and DOWN pedals **(11+12)** will show "FADE 01".
6. Press the UP and DOWN pedals **(11+12)** to set the fade time.

## 2.5 Delete A Chase

1. To enter the Program Mode, press and hold the Record button **(2)** for 3 seconds, the record LED will light up red.
2. To select the CHASE mode, press the Mode/Channel Patch pedal **(10)** and select the CHASE mode. The LED display above the Mode/Channel Patch pedal **(10)** will show "CHASE".
3. Press the MUSIC/AUTO/BLACKOUT pedal **(14)** to select the chase, you want to delete.
4. To enter Delete Mode, press and hold the Patch button **(3)** for 3 seconds and the PATCH LED will start flashing red.
5. Push Record button again, LED will Flash this will show you are in "Insert" mode.
6. To delete a chase, press the Enter pedal **(13)**. All LEDs will flash 3 times.
7. Repeat step 3 - step 6 to delete other chases.
8. Push Record button to exit the "Insert" mode. The record LED is ON.
9. To exit delete mode, press and hold the Patch button **(3)** for 3 seconds.
10. To exit program mode, press and hold the Record button **(2)** for 3 seconds, the record LED will dim.

## 3 MIDI PATCH

1. Press Patch button **(3)** for 3 seconds to enter Patch mode.
2. Press the Mode/Channel Patch pedal **(10)** to enter MIDI channel patch mode.
3. Press the UP and DOWN pedals **(11+12)** to select the MIDI channel.
4. Press the Enter pedal **(13)** to save the MIDI channel. All LEDs will flash 3 times.
5. To exit, press and hold the Patch button **(3)** for 3 seconds.

## 4 MIDI CONTROL

Program change 10	-	Chase 1
Program change 11	-	Chase 2
Program change 12	-	Chase 3
Program change 13	-	Chase 4
Program change 14	-	Chase 5
Program change 15	-	Chase 6
Program change 16	-	Chase 7
Program change 17	-	Chase 8
Program change 18	-	Chase 9
Program change 19	-	Chase 10
Program change 20	-	Chase 11
Program change 21	-	Chase 12
Program change 30	-	Scene 1
Program change 31	-	Scene 2
Program change 32	-	Scene 3
Program change 33	-	Scene 4
Program change 34	-	Scene 5
Program change 35	-	Scene 6
Program change 36	-	Scene 7
Program change 37	-	Scene 8
Program change 38	-	Scene 9
Program change 39	-	Scene 10
Program change 40	-	Scene 11
Program change 41	-	Scene 12
Program change 42	-	Scene 13
Program change 43	-	Scene 14
Program change 44	-	Scene 15
Program change 45	-	Scene 16
Program change 46	-	Scene 17
Program change 47	-	Scene 18
Program change 48	-	Scene 19
Program change 49	-	Scene 20
Program change 50	-	Scene 21
Program change 51	-	Scene 22

Program change 52	-	Scene 23
Program change 53	-	Scene 24
Program change 60	-	Speed 0
Program change 61	-	Speed 1
Program change 62	-	Speed 2
Program change 63	-	Speed 3
Program change 64	-	Speed 4
Program change 65	-	Speed 5
Program change 66	-	Speed 6
Program change 67	-	Speed 7
Program change 68	-	Speed 8
Program change 69	-	Speed 9
Program change 70	-	Speed 10
Program change 71	-	Speed 11
Program change 72	-	Speed 12
Program change 73	-	Speed 13
Program change 74	-	Speed 14
Program change 75	-	Speed 15
Program change 76	-	Speed 16
Program change 80	-	Fade 1
Program change 81	-	Fade 2
Program change 82	-	Fade 3
Program change 83	-	Fade 4
Program change 84	-	Fade 5
Program change 85	-	Fade 6
Program change 86	-	Fade 7
Program change 87	-	Fade 8
Program change 88	-	Fade 9
Program change 89	-	Fade 10
Program change 90	-	Fade 11
Program change 91	-	Fade 12
Program change 92	-	Fade 13
Program change 93	-	Fade 14
Program change 94	-	Fade 15
Program change 95	-	Fade 16
Program change 100	-	Blackout ON
Program change 110	-	Blackout OFF
Program change 115	-	Auto Mode
Program change 116	-	Music Mode

## Maintenance

The Showtec LED-Foot 4 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. Keep connections clean. Disconnect electric power, and then wipe the connections with a damp cloth. Make sure connections are thoroughly dry before linking equipment or supplying electric power.

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

The operator has to make sure that safety-relating 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:

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

## 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 potential problem area: the power supply.

1. Power supply. Check that the unit is plugged into an appropriate power supply.
2. If all of the above appears to be O.K., plug the unit in again.
3. If you are unable to determine the cause of the problem, do not open the LED-Foot 4, as this may damage the unit and the warranty will become void.
4. Return the device to your Showtec dealer.

### 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.

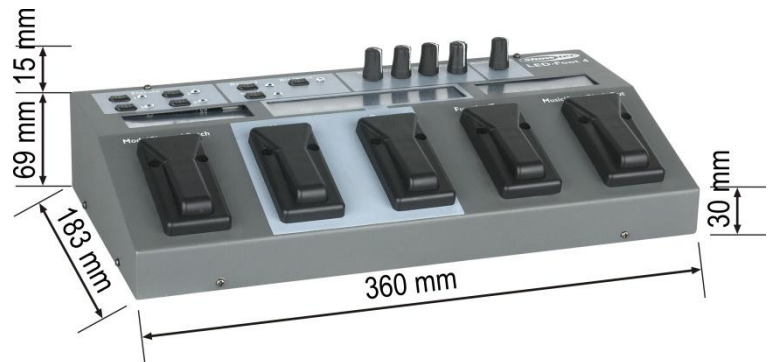


<b>Problem</b>	<b>Probable cause(s)</b>	<b>Remedy</b>
One or more fixtures are completely dead.	No power to the fixture	<ul style="list-style-type: none"> <li>• Check that power is switched on and cables are plugged in.</li> </ul>
Fixtures reset correctly, but all respond erratically or not at all to 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	Fixture is too hot.	<ul style="list-style-type: none"> <li>• Allow fixture to cool.</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 Specification

Model: Showtec LED-Foot 4

- 4 Channel patchable LED par controller
- Can be used with any LED Parcan
- Patchable
- Music control
- Foot control
- total control to 4 groups of LED Parcans
- the LED-Foot can work with any LED fixture in the market
- Programming of programs is easy and simple
- Once the LED Foot is patched and programmed it can be controlled easily by your feet
- Scene selection, Chases selection, Function, it all can be controlled by your foot
- Ideal solution for musicians who do not have their hands free to control their lighting
- Power input: 100-240V - 500mA, Power output: DC 12V
- 3 modes in playback mode: Blackout mode, Music mode, Auto Mode
- Power consumption: 20 Watt
- Power connector: Adapter (included)
- Chases: 12 with 24 steps
- Scenes: 24
- Fixtures: 4
- DMX-512: XLR 3 pole
- Dimensions: 360 x 183 x 69 mm (W x D x H)
- Weight: 1,5 kg



### Minimum distance:

Minimum distance from flammable surfaces: 0.5m

Minimum distance to lighted object: 0.8m

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



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