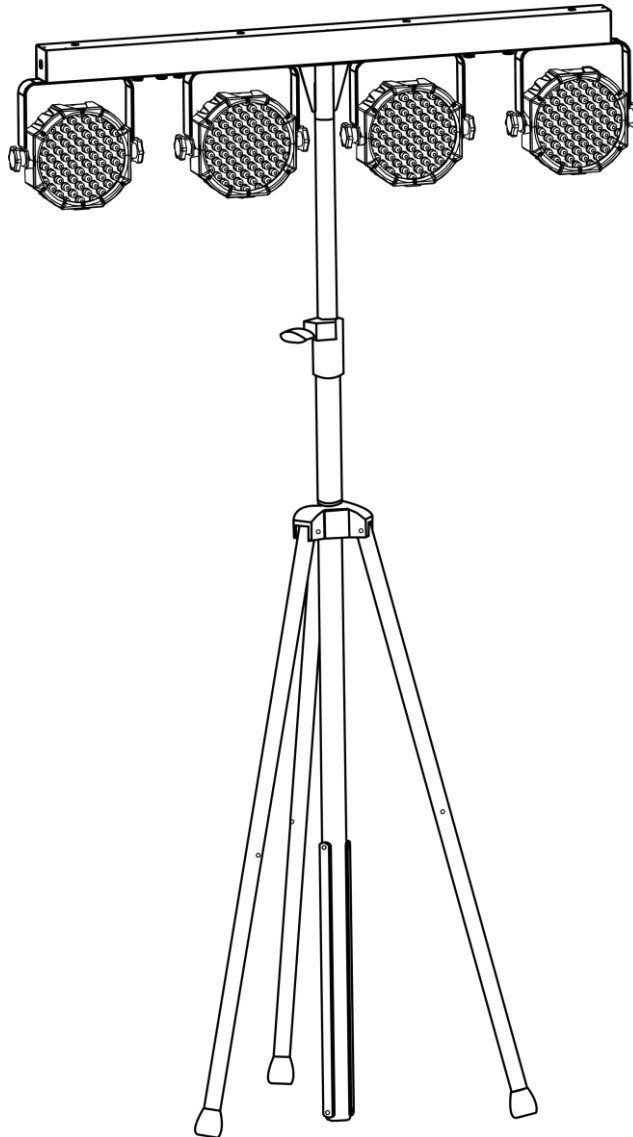




**MANUAL**



**ENGLISH**

# **VIBE FX Party Bar Set V1**

**Ordercode: 950000**

## Table of contents

<b>Warning</b> .....	2
Safety Instructions .....	2
Operating Determinations .....	4
Rigging .....	4
Connection with the mains.....	5
Return Procedure.....	6
Claims.....	6
<b>Description of the device</b> .....	7
Overview .....	8
<b>Installation</b> .....	8
<b>Set Up and Operation</b> .....	8
Control Modes.....	8
One Party Bar (Auto, Manual).....	9
One Party Bar (Sound-controlled) .....	9
Multiple Party Bar Sets (Master/Slave Mode) .....	9
Multiple Party Bar Sets (DMX Control) .....	10
Fixture Linking.....	11
Data Cabling.....	11
Control Panel.....	12
Control Mode .....	12
DMX Addressing.....	12
Menu Overview.....	13
Main Menu Options .....	13
1. DMX Address .....	13
2. Auto Mode.....	14
3. Manual Mode.....	14
4. Sound-controlled.....	14
5. DMX Mode .....	14
6. Foot controller Functions (foot controller included!) .....	15
DMX Channels .....	15
3 Channels .....	15
15 Channels .....	15
<b>Maintenance</b> .....	17
Replacing the Fuse .....	17
<b>Troubleshooting</b> .....	17
No Light .....	17
<b>Product Specifications</b> .....	19
<b>Dimensions</b> .....	20
<b>Notes</b> .....	21

## Warning



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

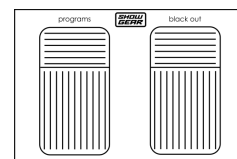
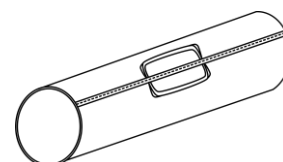
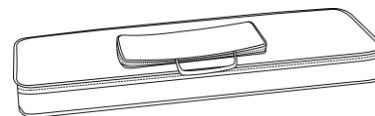
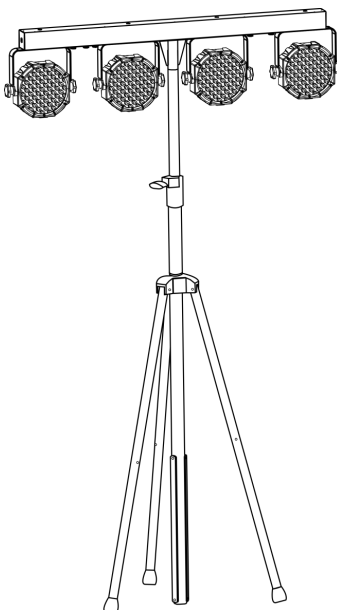


## Unpacking Instructions

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:

- Showgear VIBE FX Party Bar Set
- IEC power cable (1,5 m)
- 2 mounting brackets
- 2 adjusting screws
- 2 carrying bags
- Tripod
- Foot controller
- User manual



## LED Expected Lifespan

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



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



## Safety Instructions

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

- be qualified
- follow the instructions of this manual



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



Before the 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 contained in this manual.

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

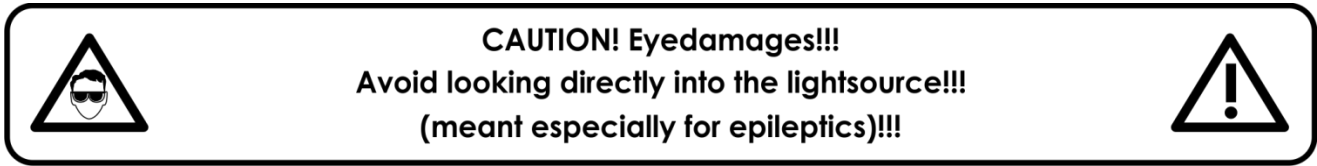
This device contains no user-serviceable parts. Refer servicing to qualified technicians only.

### **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 lift the fixture holding it by the projector head, as the mechanics may be damaged. Always hold the fixture by the transport handles.
- Never place any material over the lens.
- 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 dimmer pack.
- Do not switch the device on and off in short intervals, as this will reduce the device's life.
- Do not touch the device's housing bare-handed during its operation (housing becomes hot). Allow the fixture to cool for at least 5 minutes before handling.
- Do not shake the device. Avoid brute force when installing or operating the device.
- Only use the device indoors, avoid contact with water or other liquids.
- Only operate the fixture after having checked if the housing is firmly closed and all screws are tightly fastened.
- Only operate the device after having familiarized with its functions.
- Avoid flames and do not put close to flammable liquids or gases.
- Always keep the case closed while operating.
- Always allow a 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 holding it by the plug. Never pull out the plug by tugging the power cord.
- Make sure that the device is not exposed to extreme heat, moisture or dust.
- Make sure that the available voltage is not higher than stated on the rear panel.
- Make sure that the power cord is never crimped or damaged. Check the device and the power cord from time to time.
- If the glass is obviously damaged, it has to be replaced, so that its functions are not impaired due to cracks or deep scratches.
- If device was dropped or struck, disconnect mains power supply immediately. Have a qualified engineer inspect for safety before operating.
- If the device has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch it on immediately. The arising condensation water might damage your device. Leave the device switched off until it has reached room temperature.
- If your Showgear device fails to work properly, discontinue the use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Showgear dealer for service.
- For adult use only. The fixture must be installed beyond the reach of children. Never leave the unit running unattended.
- Never attempt to bypass the thermostatic switch or fuses.
- For replacement use fuses of same type and rating only.
- The user is responsible for correct positioning and operating of the Party Bar Set. 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.



### 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 bigger than 1 meter.
- The maximum ambient temperature  $t_a = 40^\circ\text{C}$  must never be exceeded.
- The relative humidity must not exceed 50 % with an ambient temperature of  $40^\circ\text{C}$ .
- If this device is operated in any other way than the one described in this manual, the product may suffer damages and the warranty becomes void.
- Any other operation may lead to dangers like short-circuit, burns, electric shock, crash, etc.

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

### Rigging

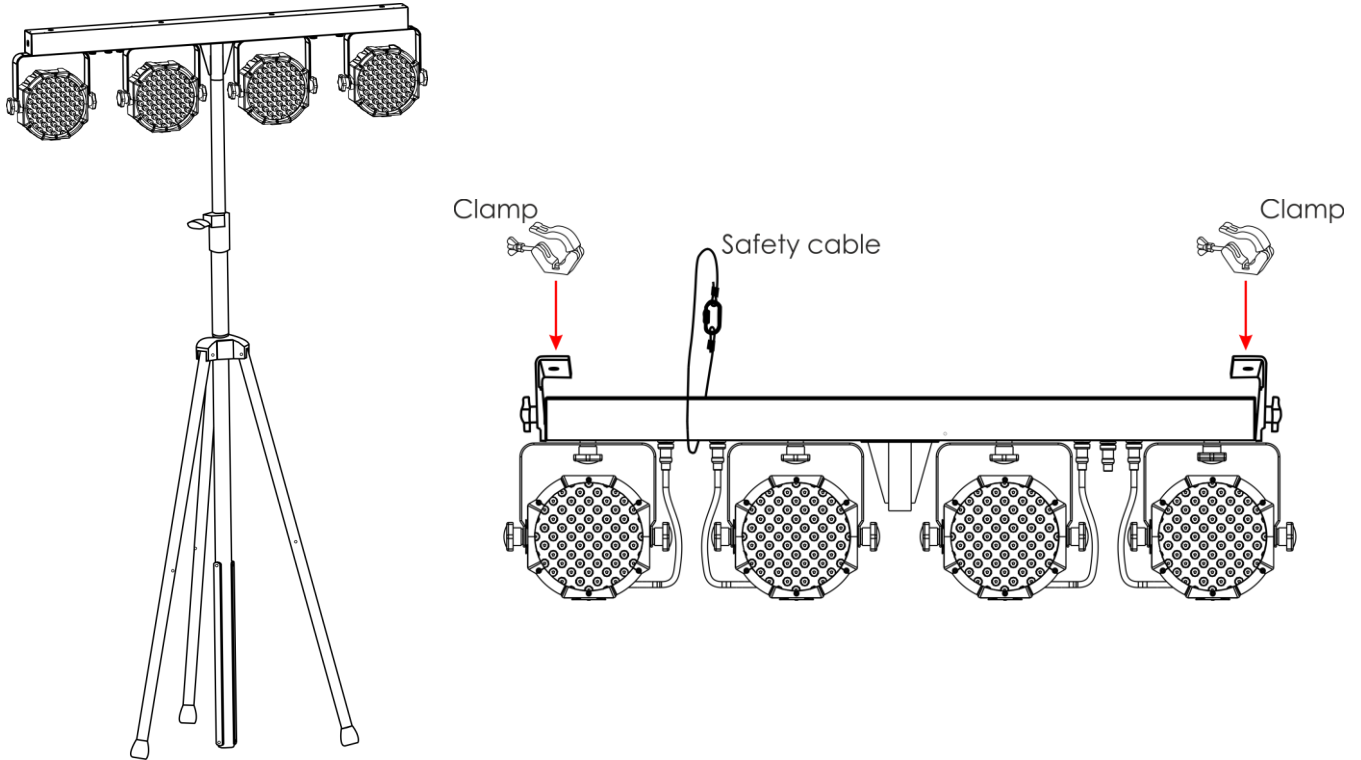
*Please follow the European and national guidelines concerning rigging, trussing and all other safety issues.*

*Do not attempt the installation yourself !*

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

### Procedure:

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



The VIBE FX Party Bar Set can be mounted to a tripod or mounted to any kind of truss with a clamp.

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

## Connection with the mains

Connect the device to the mains with the power-plug.

Always check if the right color cable is connected to the right place.

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

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

*Improper installation can cause serious injuries and/or damage of 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 [offersales@highlite.nl](mailto:offersales@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:**

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

### **Claims**

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

It is the customer's responsibility to report 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 agreed otherwise in writing.

Complaints against us must be prepared in writing or sent 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 from which the obligation is resulting.

### Description of the device

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#### Features

The VIBE FX Party Bar Set is a lightset with high output and great effects. It can be controlled by DMX or by the foot controller which is included.

- Included 2 carrying bags
- Foot controller
- Tripod
- Microphone sensitivity knob
- Input voltage: 100-240V AC 50/60Hz
- Power consumption: 30W
- Light source: 4 x 81 RGB LEDs 120mw (27x Red, 27x Green, 27x Blue per par)
- Beam angle: 16°
- Control modes: Auto Mode, Manual Mode, Sound-controlled, Master/Slave, DMX
- Control: DMX controller or Foot controller (programs, blackout)
- DMX modes: 3, 15 channels
- Power Connections: IEC 100-240V (IN & OUT)
- Data Connections: 3-pin XLR (IN/OUT)
- Fuse: T2L/250V
- Housing: Black aluminum & flame-retardant plastic
- Dimensions: 880 x 235 x 45 mm excl. tripod (LxWxH)
- Weight: 3,7 kg (excl. tripod)

#### Tripod

- Height: 1,15 – 2,15 m
- Footspace: 1,0 m
- Weight: 2,5 kg



## Overview

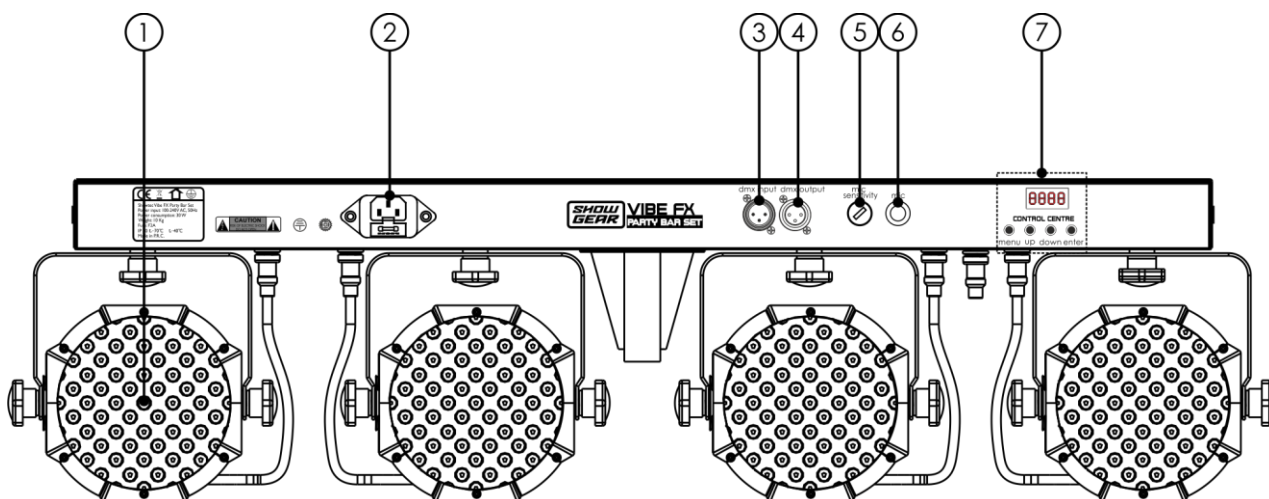


Fig. 01

- 01) 4 x 81 RGB LEDs 120mw (27x Red, 27x Green, 27x Blue per par)
- 02) IEC power connector 100-240V IN + Fuse T2L/250V
- 03) 3-pin DMX signal connector IN
- 04) 3-pin DMX signal connector OUT
- 05) Sound sensitivity control
- 06) Built-in microphone
- 07) 4-digit LED display + control buttons

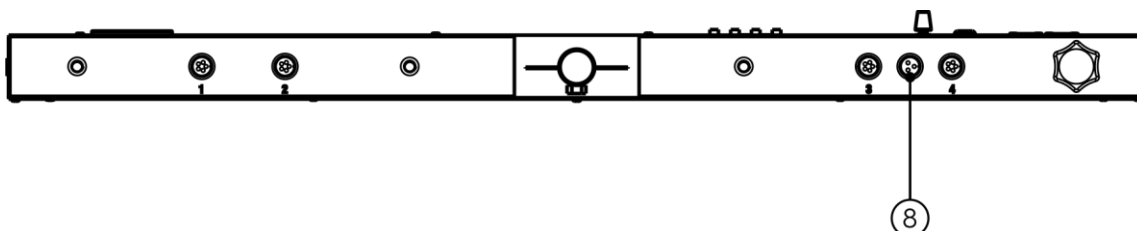


Fig. 02

- 08) Foot controller input

## Installation

Remove all packing materials from the VIBE FX Party Bar Set. Check if all foam and plastic padding is removed. Connect all cables.

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

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

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

## Set Up and Operation

Follow the directions below, as they pertain to your preferred operation mode.

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.

Connect the device to the main power supply.

## Control Modes

There are 5 modes:

- Auto Mode
- Manual Mode (Static Color Mode)
- Sound-controlled
- Master/Slave
- DMX512 (3CH or 15CH)

### One Party Bar (Auto, Manual)

- 01) Fasten the effect light to a firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Always use a safety cable (ordercode 70140 / 70141).
- 03) Plug the end of the electric mains power cord into a proper electric power supply socket.
- 04) The Party Bar Set functions as a stand-alone device. See page 14 for more information about Auto Mode and Manual Mode.

### One Party Bar (Sound-controlled)

- 01) Fasten the effect light to a firm trussing. Leave at least 0,5 meter on all sides for air circulation.
- 02) Always use a safety cable (ordercode 70140 / 70141).
- 03) Plug the end of the electric mains power cord into a proper electric power supply socket.
- 04) Turn on the music. If the device is set to sound-control, then the Party Bar will react to the beat of the music. Please see page 14 for more information about the sound-control options.

### Multiple Party Bar Sets (Master/Slave Mode)

- 01) Fasten the effect light onto firm trussing. Leave at least 1 meter on all sides for air circulation.
- 02) Always use a safety cable (ordercode 70140 / 70141).
- 03) Plug the end of the electric mains power cord into a proper electric power supply socket.
- 04) Use a 3-pin XLR cable to connect the Party Bar Sets.

The pins:



- 01) Earth
- 02) Signal -
- 03) Signal +

- 05) Link the units as shown in Fig. 03, 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 14 (Auto, Manual or Sound-controlled). This means that you can set your desired operation mode on the master device and all slave devices will react the same as the master device.

### Multiple Party Bar Sets Master/Slave Set Up

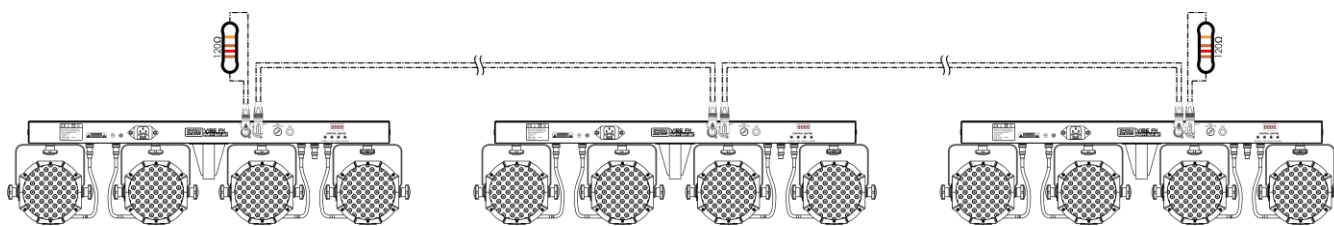
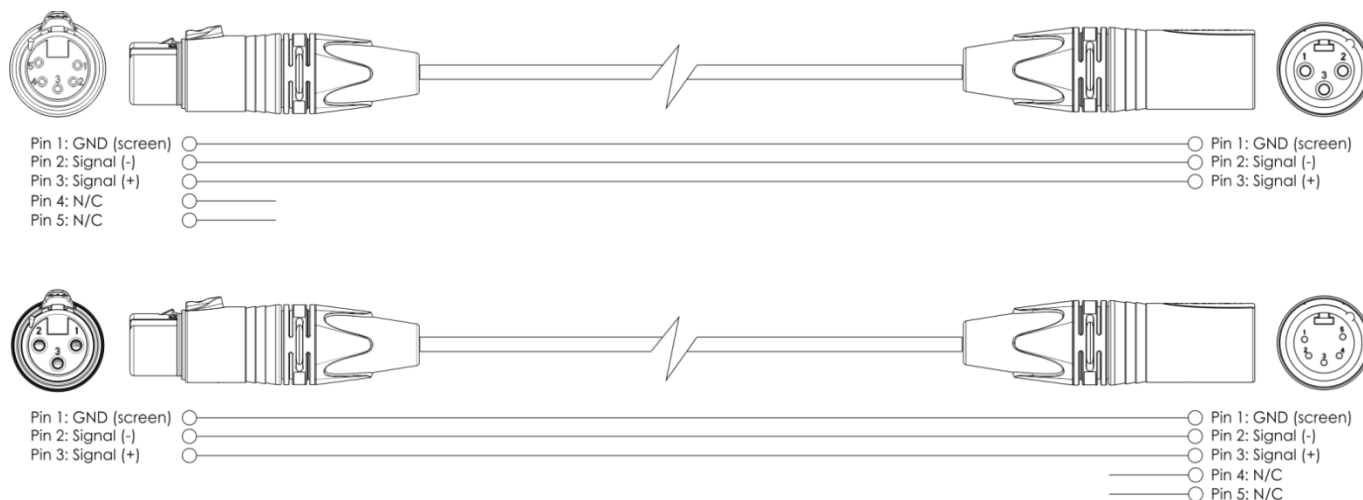


Fig. 03

**Note: To use multiple Party Sets as a Slave fixture, every slave fixture must be set to the same DMX address A001 in the menu**

## Multiple Party Bar Sets (DMX Control)

- 01) Fasten the effect light onto firm trussing. Leave at least 1 meter on all sides for air circulation.
- 02) Always use a safety cable (ordercode 70140 / 70141).
- 03) Plug the end of the electric mains power cord into a proper electric power supply socket.
- 04) Use a 3-p XLR cable to connect the Party Bar Set and other devices.



- 05) Link the units as shown in Fig. 04, Connect a DMX signal cable from the first unit's DMX "out" socket to the second unit's "in" socket. Repeat this process to link the second, third, and fourth units.
- 06) Supply electric power: Plug electric mains power cords into each unit's IEC socket, then plug the other end of the mains power cord into proper electric power supply sockets, starting with the first unit. Do not supply power before the whole system is set up and connected properly.

## Multiple Party Bar Sets DMX Set Up

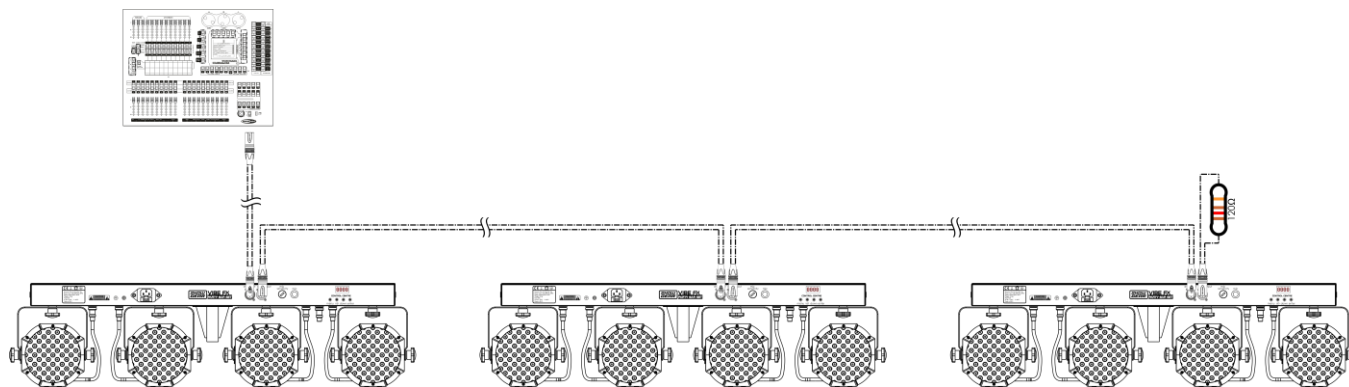


Fig. 04

**Note: Link all cables before connecting electric power**

**Note: To use multiple Party Sets as a Slave fixture, every slave fixture must be set to the same DMX address A001 in the menu**

### 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 of two or more fixtures set to a master/slave operating mode. The combined number of channels required by all the fixtures on a serial data link determines the number of fixtures the data link can support.

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



### Data Cabling

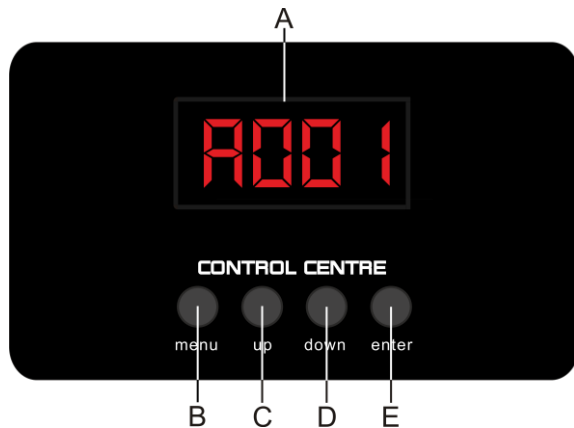
To link fixtures together, you must obtain data cables. You can purchase DAP Audio certified DMX cables directly from a dealer/distributor or construct your own cable. If you choose to create your own cable, please use data-grade cables that can carry a high quality signal and are less prone to electromagnetic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

#### DAP Audio DMX Data Cables

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

The VIBE FX Party Bar Set can be operated with a controller in **control mode** or without the controller in **stand-alone mode**.

## Control Panel



- A) LED display
- B) Menu button
- C) Up button
- D) Down button
- E) Enter button

Fig. 05

## Control Mode

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

## 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 Party Bar Set will respond to the controller.

Please note when you use the controller, the unit has **15** channels.

When using multiple Party Bar Sets, make sure that you set the DMX addresses right.

Therefore, the DMX address of the first Party Bar Set should be **1(A001)**; the DMX address of the second Party Bar Set should be **1+15=16 (A016)**; the DMX address of the third Party Bar Set should be **16+15=31 (A031)**, etc.

Please, be sure that you do not have any overlapping channels in order to control each Party Bar Set correctly. If two or more Party Bar Sets are addressed similarly, they will work similarly.

## Controlling:

After having addressed all Party Bar fixtures, you may now start operating these via your lighting controller.

**Note:** After switching on, the Party Bar Set will automatically detect whether DMX-512 data is received or not. If there is no data received at the DMX-input, the "LED" on the control panel will not flash.

The problem may be:

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

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

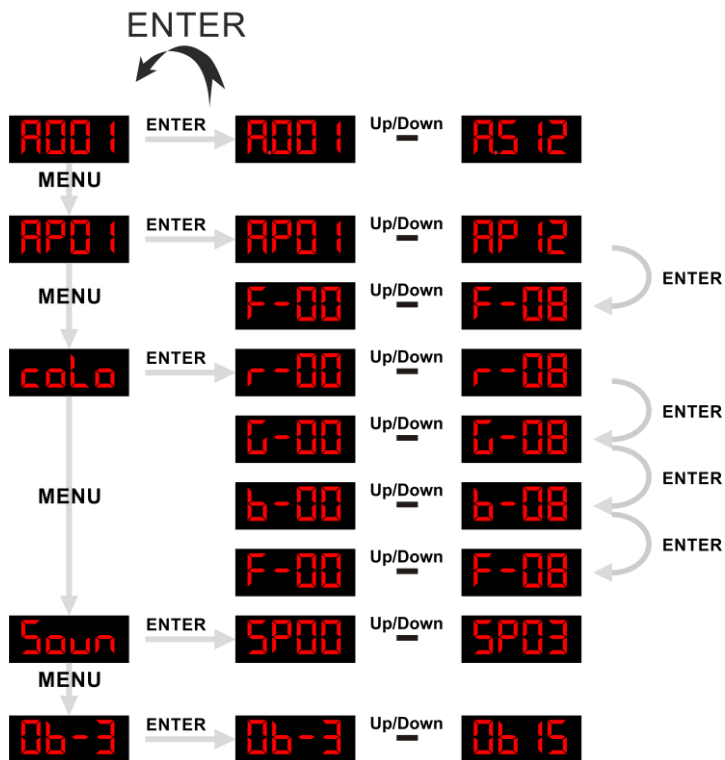
## ⚠ Display Off after 35 seconds ⚠

When no button is pressed for 35 seconds, the display will turn off.

To light up the display, you have to press the Menu, Up, Down or Enter button.

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

## Menu Overview



## Main Menu Options

- ADD 1** DMX Address
- APD 1** Auto Mode
- coLo** Manual Mode (Static Color Mode)
- Soun** Sound-controlled
- 0b-3** DMX-512 Mode

### 1. DMX Address

With this menu you can set the desired DMX Address.

- 01) Press the **MENU** button on the device, until the display shows **ADD 1**.
- 02) Press the **ENTER** button to open this menu.
- 03) Press the **UP/DOWN** buttons to choose the desired DMX address.
- 04) The adjustment range is between **ADD 1** <sup>Up/Down</sup> **AS 12**.

## 2. Auto Mode

With this menu you can choose one of the built-in programs.

- 01) Press the **MENU** button on the device, until the display shows **AP01**.
- 02) Press the **ENTER** button to open this menu.



- 03) Press the **UP/DOWN** buttons to choose one of the 12 built-in programs (**AP01** Up/Down **AP12**).
- 04) Once you have chosen the desired built-in program, press the **ENTER** button again.
- 05) Press the **UP/DOWN** buttons to set the speed of the built-in program (**F-00** Up/Down **F-08**).
- 06) The Party Bar Set will automatically start the chosen built-in program.

## 3. Manual Mode

With this menu you can manually set a desired color.

- 01) Press the **MENU** button on the device, until the display shows **coLo**.
- 02) Press the **ENTER** button to open this menu.



- 03) Press the **ENTER** button to scroll through the 3 color options and set the strobe frequency.
- 04) Press the **UP/DOWN** buttons to set the intensity of Red (r-00-r-08), Green (G-00-G-08) or Blue (b-00-b-08).
- 05) Once you have set the desired color setting, you can set the strobe frequency.
- 06) Press the **UP/DOWN** buttons to set the frequency between **F-00** Up/Down **F-08**, from slow to fast.

## 4. Sound-controlled

With this menu you can choose one of the sound sensitivity built-in programs.

- 01) Press the **MENU** button on the device, until the display shows **Sound**.
- 02) Press the **ENTER** button to open this menu.
- 03) Press the **UP/DOWN** buttons to choose one of the 4 built-in programs.
- 04) The adjustment range is between **SP00** Up/Down **SP03**.

## 5. DMX Mode

With this menu you can set the DMX configuration.

- 01) Press the **MENU** button on the device, until the display shows **06-3**.
- 02) Press the **ENTER** button to open this menu.
- 03) Press the **UP/DOWN** buttons to choose between 3 channels or 15 channels mode.

## 6. Foot controller Functions (foot controller included!)

- 01) Connect the foot controller to the bar via the input connector (8).
- 02) The foot controller has two pedals, **Black Out** and **Programs**.
- 03) Step on the **Black Out** pedal to black out the bar, the display will show "OFF".
- 04) Step once again on the **Black Out** pedal and the bar will light up again.
- 05) The Party Bar will continue the show before the blackout.
- 06) Repeatedly step on the **Programs** pedal to enter the built-in programs 1-12 and ALL.
- 07) The display will show "AP01-AP12" or "ALL".
- 08) Step once again on the **Programs** pedal to enter the color mode, the display will show "APon".
- 09) Repeatedly step on the **Programs** pedal to choose between Red, Green, Blue, Red & Green, Green & Blue, Red & Blue and RGB.

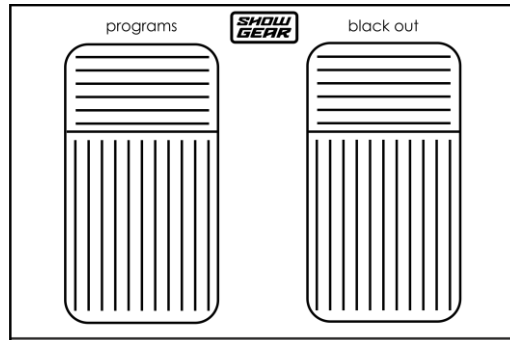


Fig. 06

## DMX Channels

### 3 Channels

#### Channel 1 – Red Dimmer intensity

0-255 Gradual adjustment Red, from 0-100%

#### Channel 2 – Green Dimmer intensity

0-255 Gradual adjustment Green, from 0-100%

#### Channel 3 – Blue Dimmer intensity

0-255 Gradual adjustment Blue, from 0-100%

### 15 Channels

#### Channel 1 – Built-in programs/ RGB adjustment

0-9	Gradual adjustment RGB (CH2 must be set between 1-255)
10-29	Program 1
30-49	Program 2
50-69	Program 3
70-89	Program 4
90-109	Program 5
110-129	Program 6
130-149	Program 7
150-169	Program 8
170-189	Program 9
190-209	Program 10
210-229	Program 11
230-249	Program 12
250-255	4 different sound modes



## Channel 2 – Dimmer

0-255 Gradual adjustment, from dark to brightest 0-100%

## Channel 3 –Strobe (CH1 must be set between 0-9 and CH4-CH15 between 0-255 )

0-15 No function

16-255 Strobe frequency, from slow to fast

## Channel 3 –Speed Built-in programs (CH1 must be set between 10-249 )

0-15 No function

16-255 Gradual adjustment speed, from slow to fast

## Channel 4 – Red Par 1 (CH2 must be set between 1-255 )

0-255 Gradual adjustment Red, from 0-100%

## Channel 5 – Green Par 1 (CH2 must be set between 1-255 )

0-255 Gradual adjustment Green, from 0-100%

## Channel 6 – Blue Par 1 (CH2 must be set between 1-255 )

0-255 Gradual adjustment Blue, from 0-100%

## Channel 7 – Red Par 2 (CH2 must be set between 1-255 )

0-255 Gradual adjustment Red, from 0-100%

## Channel 8 – Green Par 2 (CH2 must be set between 1-255 )

0-255 Gradual adjustment Green, from 0-100%

## Channel 9 – Blue Par 2 (CH2 must be set between 1-255 )

0-255 Gradual adjustment Blue, from 0-100%

## Channel 10 – Red Par 3 (CH2 must be set between 1-255 )

0-255 Gradual adjustment Red, from 0-100%

## Channel 11– Green Par 3 (CH2 must be set between 1-255 )

0-255 Gradual adjustment Green, from 0-100%

## Channel 12 – Blue Par 3 (CH2 must be set between 1-255 )

0-255 Gradual adjustment Blue, from 0-100%

## Channel 13 – Red Par 4 (CH2 must be set between 1-255 )

0-255 Gradual adjustment Red, from 0-100%

## Channel 14– Green Par 4 (CH2 must be set between 1-255 )

0-255 Gradual adjustment Green, from 0-100%

## Channel 15 – Blue Par 4 (CH2 must be set between 1-255 )

0-255 Gradual adjustment Blue, from 0-100%

### Maintenance

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

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

The following points have to be considered during the inspection:

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

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

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

Make sure connections are thoroughly dry before supplying electric power.

### Replacing the 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:

- 01) Unplug the unit from electric power source.
- 02) Insert a flat-headed screwdriver into a slot in the fuse cover. Gently pry up the fuse cover. The fuse will come out.
- 03) Remove the used fuse. If brown or unclear, it is burned out.
- 04) Insert the replacement fuse into the holder. Reinsert the fuse cover. Be sure to use a fuse of the same type and specification. See the product specification label for details.

### Troubleshooting

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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.

#### No Light

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

Suspect three potential problem areas as: the power supply, the LEDs and the fuse.

- 01) Power supply. Check if the unit is plugged into an appropriate power supply.
- 02) The LEDs. Return the Party Bar Set to your Showgear dealer.
- 03) The fuse. Replace the fuse. See page 17 for replacing the fuse.
- 04) If all of the above appears to be O.K., plug the unit in again.
- 05) If you are unable to determine the cause of the problem, do not open the Party Bar Set, as this may damage the unit and the warranty will become void.
- 06) Return the device to your Showgear dealer.

Problem	Probable cause(s)	Solution
One or more fixtures do not function at all	No power to the fixture	<ul style="list-style-type: none"> <li>Check if power is switched on and cables are plugged in</li> </ul>
	Primary fuse blown	<ul style="list-style-type: none"> <li>Replace fuse</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 restored: unplug both connectors and connect them directly together.</li> <li>Have the defective fixture serviced by a qualified technician</li> </ul>
	3-pin XLR Out on the fixtures does not match (pins 2 and 3 reversed)	<ul style="list-style-type: none"> <li>Install a phase-reversing cable between the fixtures or swap pin 2 and 3 in the fixture that behaves erratically</li> </ul>
No light or LEDs cuts out intermittently	Fixture is too hot	<ul style="list-style-type: none"> <li>Allow the fixture to cool down</li> <li>Clean the fan</li> <li>Make sure air vents in control panel and the front lens are not blocked</li> <li>Turn up the air conditioning</li> </ul>
	LEDs damaged	<ul style="list-style-type: none"> <li>Disconnect the fixture and return it to your dealer</li> </ul>
	The power supply settings do not match local AC voltage and frequency	<ul style="list-style-type: none"> <li>Disconnect fixture. Check settings and correct if necessary</li> </ul>

## Product Specifications

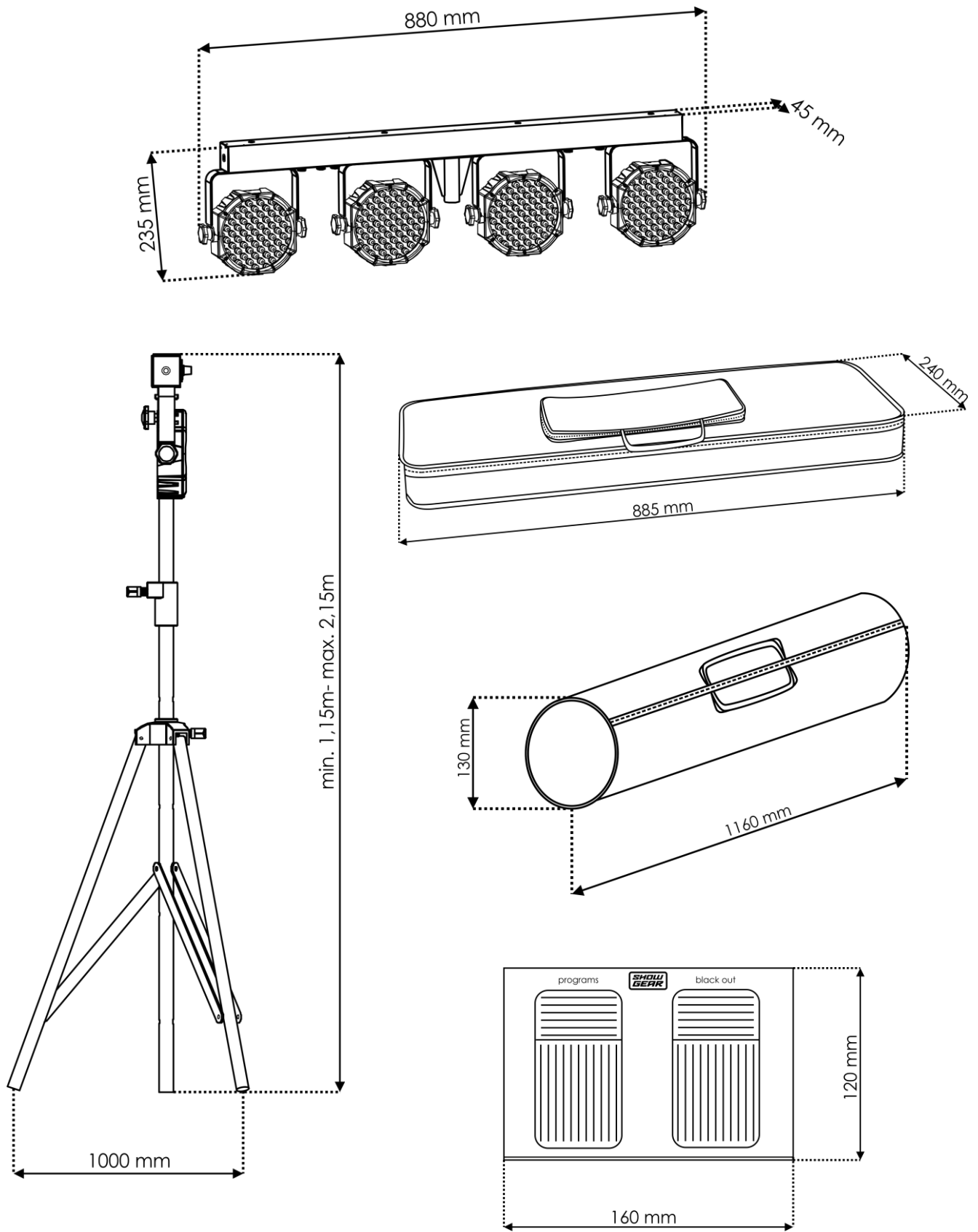
Model:	Showgear VIBE FX Party Bar Set
Input Voltage:	100-240V AC 50/60Hz
Power consumption:	30W
Fuse:	T2L/250V
Dimensions:	880 x 235 x 45 mm excl. tripod (LxWxH)
Weight:	3,7 kg (excl. tripod)
<b>Operation and Programming:</b>	
Setup and Addressing:	4-digit LED display for easy setup
DMX modes:	3, 15 Channels
Signal input:	3-pin DMX signal connector IN
Signal output:	3-pin DMX signal connector OUT
Signal pin OUT:	pin 1 earth, pin 2 (-), pin 3 (+)
<b>Electro-mechanical effects:</b>	
Light source:	4 x 81 RGB LEDs 120mw (27x Red, 27x Green, 27x Blue per par)
Beam angle:	16°
Control modes:	Auto Mode, Manual Mode, Sound-controlled, Master/Slave, DMX
Sound-control:	via built-in microphone
Power Connections:	IEC 100-240V (IN & OUT)
Data Connections:	3-pin XLR (IN/OUT)
Housing:	Black aluminum & flame-retardant plastic
Included:	foot controller, 2 adjustment screws, 2 mounting brackets, carrying bags, IEC power cable, tripod/stand
<b>Tripod stand:</b>	
Height:	1,15 – 2,15 m
Footspace:	1 m
Weight:	2,5 kg
Max. ambient temperature $t_a$ :	40°C
Max. housing temperature $t_a$ :	80°C
<b>Minimum distance:</b>	
Minimum distance from flammable surfaces:	0,5 m
Minimum distance to lighted object:	1 m

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



Email: [service@highlite.nl](mailto:service@highlite.nl)

## Dimensions









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