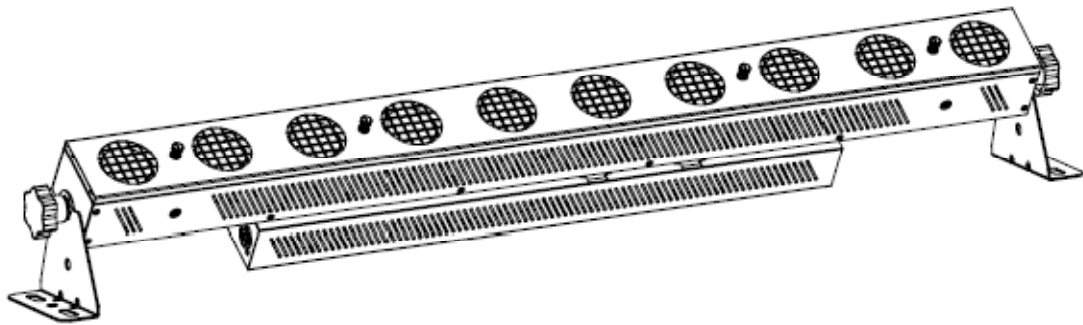


ignition

USER MANUAL



Strip Blinder X

Table of contents

1. Safety instructions	Fehler! Textmarke nicht definiert.
1.1. FOR SAFE AND EFFICIENT OPERATION	Fehler! Textmarke nicht definiert.

The manual contains complete information about the item and how to operate with the device. Please once again make sure to that you read the operation instruction and safety information before using the device. Throughout the manual the following conventions are used distinguishing the elements of text:

■ **CAUTION:** Identifies important information which should be followed to avoid damage of device

■ **NOTE:** Provides additional hints or information that requires special attention.

Menu names, command, icon or button that you can see is shown in bold style.

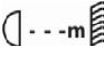
1. SAFETY INSTRUCTION

■ **NOTICE** All modifications to the device will void the warranty and installation and repairs are to carry out by skilled personnel only.

■ **CAUTION** Avoid looking directly into the source of light. It may cause epileptic seizures. Avoid touching the item when ON, the housing can reach a high temperature from the heat developed by the high power LED.

1.1. FOR SAFE INSTALLATION AND EFFICIENT OPERATION

1.1.1. Use of the item as intended

- The **Strip Blinder X** is designed for use on stages, in discotheques and for architectural illumination. The device is approved only for a connection up to a maximum of **230 V AC, 50Hz**.
- The ambient temperature must be between **32°F /0°C** and **104°F /40°C**. Avoid exposing the device to direct rays of the sun or next to a heating appliance. This also applies for transportation in closed vehicles.
- The device may only be operated at a level between **-20** and **2000m NN**.
- The symbol  stands for the min distance between the item and objects. The distance between light source and surface should not be less than **1.5 m**. Make sure that there is **50 cm** space around the item for good ventilation.
- Regular stoppages increase the life of your device.
- Avoid shakes and every form of violence during the installation or usage.
- Make sure that the device is not exposed to extreme heat, humidity or dust at the installation spot. Make sure that cables do not lie around. This would decrease your own safety and the safety of third parties.
- Do not operate the device during thunderstorms. Overvoltage could destroy the device. Disconnect the device during thunderstorms completely from the grid by pulling the mains plug.
- Avoid looking directly into the source of light. It may cause epileptic seizures. This applies in particular for people where epileptic seizure has been diagnosed by a doctor.

- Power cable, never pull the power cable to remove the plug from the receptacle, be sure to hold the plug. When not using the device for an extended period of time, be sure to disconnect the plug from the receptacle.
- Make sure that the area under the item is blocked, while mounting it or working on it.
- When cleaning, use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

■ **NOTE** After taking the device from a warm to a cold room, it may not be put into operation. The resulting condensation can possibly destroy the device. Do not turn on the device until it has reached ambient temperature.

■ **NOTE** Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems. Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards. This device falls under the protection class I. It is necessary to follow the instructions.

1.1.2. Overhead rigging

The suspension devices have to be build and measured so they can withstand for an hour the tenfold of the payload without suffering a permanent detrimental deformation. Basically installation has to be made by using a second separate suspension. This can be e.g. a suitable net. The second suspension must be designed and attached so no part of the installation can fall down in case of failure. The maximum drop distance must never exceed **20 cm**.

During construction, reconstruction and deconstruction unnecessary stay in the range of moving areas, on lightning bridges, under elevated work stations or any other danger zones is forbidden. Before taking the device in operation, the installation must be approved by an expert. The operator is obliged to get an expert to check safety-related and mechanical facilities at least once a year.

■ **NOTE** Overhead installation requires a high level of experience. This includes knowledge of calculating the payload, used installation material and safety inspections of the used installation material and the projector whereas the required experience is not limited to this. Do not try to carry out installation yourself under any circumstances if you are not qualified. Contact a professional installer. An inappropriate installation can lead to injuries and/or damaged properties.

If the projector may hang from the ceiling or from high beams, the use of truss systems is mandatory. The projector may not be installed so it can swing freely in the room.


■ **CAUTION** Crashing down items can cause serious injuries! Do not install the projector, if you doubt the safety of a possible installation form!

■ CAUTION When rigging the device, make sure there is no highly-inflammable material (decoration articles, etc.) within a distance of min. **1.5 m**.

Mount the projector with the mounting-bracket to your trussing system using an appropriate clamp. During overhead installation the projector must be always secured by a safety rope which is designed to hold the twelvefold weight of the device. Only safety ropes with quick-release safety fastener elements may be used. Hang up the safety rope in the hole of the mounting bracket. Direct the rope over the truss or an appropriate fastening point. Hang up the end in the fastening element and tie up the locking nut. A safety rope once exposed to falling load or damaged may not be used furthermore. Adjust the desired inclination angle via the mounting-bracket and tighten the screw.

1.1.3. Power connection

Before connecting the item to the main plug, connect the wires to a suitable power plug. The voltage and frequency must exactly be the same as stated on the device and makes sure that the power plug is always inserted without force.

Wires: Brown (L), Blue (N), Yellow/Green ()

■ NOTE The connection of the earth wire is strictly recommended! Never leave this device running unattended! Every person that is involved with this item has to be qualified!

If you want to connect the item direct to the common main power grid, the installation of a separator with at least a **3 mm** contact hole for each pole is necessary. The connection is exclusively permitted for electrical installation which complies with the **VDE-regulations DIN VDE 0100**. Indoor installation must be equipped with an earth leakage circuit breaker (**RCD**) with **30 mA** rated current.

1.1.4. Cleaning and Maintenance

Contaminations like dust should be removed regularly from the device. Use a damp, lint free, cloth. Do not use alcohol or solvents under any circumstances. Please make sure that safety-related and mechanical facilities are inspected by a skilled person once a year.

- Ensure all screws attached to the device or parts of the device are very tight and not corroded.
- Make sure there are no deformations of the housing, attachment and installation spot. This also includes the ceiling, the suspension and the truss.
- Electrical connection cables may not have any damages, depositions or signs of material fatigue e.g. porous connections.

Important: Damages caused by the disregard of this user manual are not subject to warranty. The dealer will not accept liability for any resulting defects or problems.

Make sure the electrical connection is carried out by qualified personnel. All electrical and mechanical connections have to be carried out according to the European safety standards.

2. Introduction

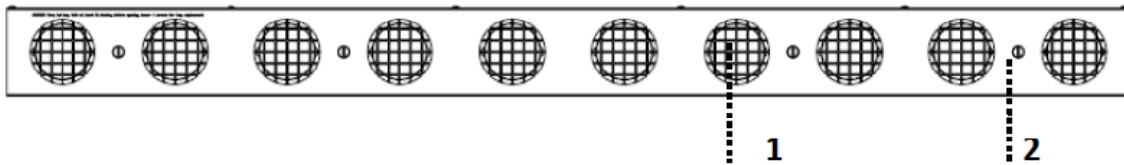
Congratulations to your purchase and thank you for selecting one of our products.

Strip Blinder X is a powerful silent lighting device with 10 pcs. conventional Warm White lamps, GU10 230/75W. For successful installation and secure operation please read the user manual before starting operating with the device.

3. COMPONENTS

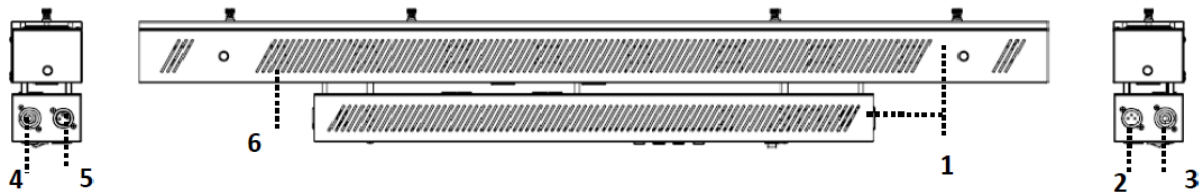
Introduction to the external components of the item.

3.1. FRONT COMPONENTS



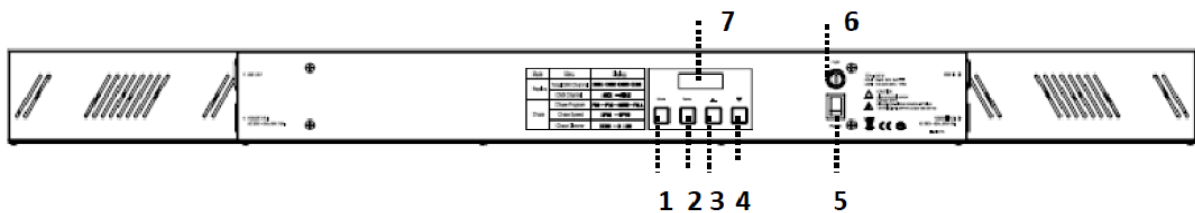
Ref.	Component	Description
1	Lamps	10 pcs conventional Warm White lamps, GU10 230/75W
2	Front screws	Holding the front panel

3.2. SIDE COMPONENTS



Ref.	Component	Description
1	Housing	Two parts aluminum housing. Main housing storing the 10pcs GU10 lamps.
2	DMX in	The connector sending signal to the device. XLR 3-PIN Neutrik,
3	Power in	AC 230V – 50/60 Hz, Max 20, power in through the connector.
4	Power Out	AC 230V – 50/60 Hz, Max 20, power out through the connector.
5	DMX out	The signal out of the device. XLR 3-PIN Neutrik,
6	Air gaps	Conventional cooling system requires a large number of air gaps.

3.3. BACK COMPONENTS



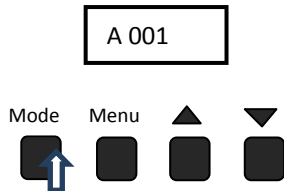
Ref.	Component	Description
1	Mode	Selecting Mode
2	Menu	Activating various functions in DMX mode, dimmer (initial on the display d), Program (P) and Speed with (SP) In DMX mode the button “ Menu ” helps you selecting between functions, DMX Address (A) and Channel (CH)

4. OPERATION MODES

The device operates in two operating modes, DMX Mode and Chase Mode.

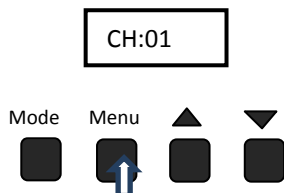
4.1. DMX MODE

4.1.1. Selecting DMX Mode



If letter "A" appears, means that DMX address and shows that the DMX Mode has been activated. Letter "P" means that you are in the Chase Mode. With "Mode" button can you change between the two modes.

4.1.2. Selecting Channel Mode



Tap "Menu" button to select to Channel Mode. When letters "CH" followed by 2 numbers (01,02,05,10) than you are on the Channel Mode.

Channel Value Selection: Tap "Up▲" or "Down▼" to select between the channel 01, 02, 05 and 10.

"CH:01", all channels are controlled by one DMX channel.

"CH:02", channel 1 and 2 are controlled by DMX channel, channel 3 and 4 by other DMX channel. You have 5 DMX channels available.

"CH: 05", channel 1 to 5 will be controlled by one DMX channel, the 6 to 10 by other DMX Channel.

"CH :10", each channel is controlled by one DMX Channel.

4.1.3. Selecting DMX Address Mode



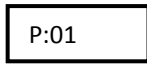
Tap "Menu" button, " A " appears on the display following by three numbers 001 to 512, it indicates the DMX Mode is activated.

DMX address: Tap "Up▲" or "Down▼" to select between the 001 and 512 DMX-address.

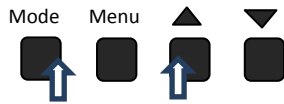
4.2. CHASE MODE

The unit has 16 built in programs (except Auto and Full). Creating a light show you can select any of the build-in programs and also can control the speed which the program will be chasing.

4.2.1. Selecting the Program

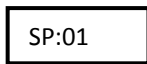


Tap the "Mode" button, "P" is shown, it indicates that Chase Mode is activated.

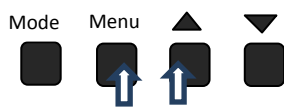


Selecting Program: Tap "Up ▲" or "Down ▼" you can enter program 01 to 16 and Auto and Full.

4.2.2. Selecting Chase Speed

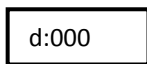


Tap "Menu" button, "SP:01" appears on the display, it indicates for Chase Speed Mode.

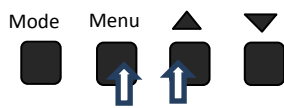


Selecting Speed: Tap "Up ▲" or "Down ▼" you can regulate the speed between lowest speed 01 (speed of once every 30 sec.) and fastest speed 99 (speed of 0,1 sec.).

4.2.3. Selecting Chase Dimmer (Intensity)

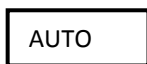


Tap "Menu" button, "d:000" appears on the display, indication that you have entered Chase Dimmer Mode.

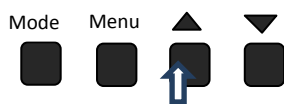


Regulate the Intensity: Tap "Up ▲" or "Down ▼" to regulate the intensity between 000 (Off) to 100 (highest output).

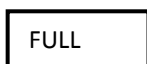
4.2.4. Auto



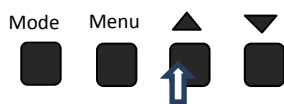
The device will play all programs.



4.2.5. Full



All lights will light up and stay on highest output, 100 %.



5. PRODUCT FEATURES

Type	Item Number
Strip Blinder X	
Optical System	
Optics	N/A
Beam angle	30°
LED source of light	
Lamps	10PCS x GU10 230V/75W
Colors	Warm white
Lifetime according to use	~1500hr
Temperature ranges	
Ambient temperature	0°C/40°C
Cooling	Conventional cooling system through airgaps
Control & Programming	
Protocol	DMX512
DMX512 Control Channels	1, 2, 5 and 10.
Stand alone functions	DMX MODE, Programs, Dimming and Speed
DMX512 Connection	XLR 3-PIN Neutrik,
Housing	
Material	SPCC
Color	Black
Housing protection class	IP20
Mounting	
Mounting	Floor bracket
Technical specification	
Power supply	AC 230V/50Hz Max.16A
Power input	Max.780W
Fuse	F6.3A 250V
Measurements/Weight	
Measurements(L X W X H)	1000mm x 78mm x 130mm
Weight	7.0kg
Included accessories	
	H05VV-F 3G1.5mm ² , 1.5M with Powercon (1pcs)
	Wing screw (2pcs)
	Grommet (2pcs)
	Washer(2pcs)
	Bracket holder(2pcs)
Accessories	
	N/A

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