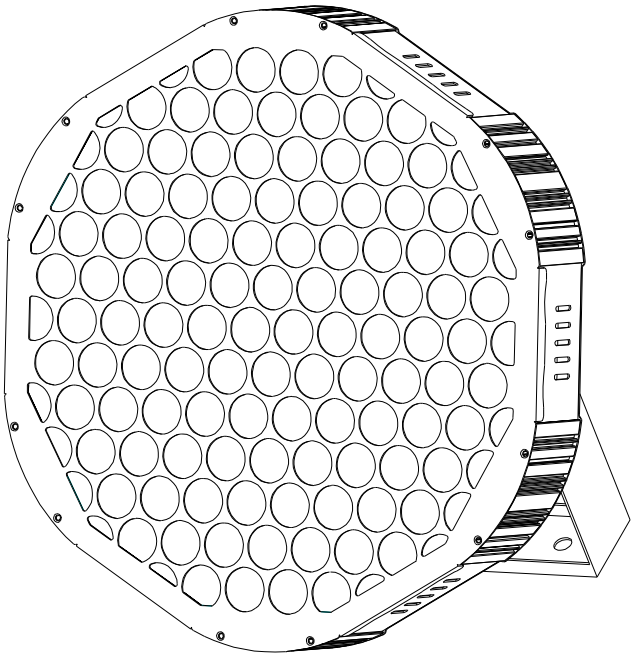
eurolite®

LED Retro 6

Spot ABL



Bedienungsanleitung
User Manual

eurolite®

LED Retro 6 Spot ABL

Warmweißer Blinder-Spot mit zusätzlichen farbigen LEDs für atmosphärisches Licht
Warm white blinder spot with additional colored LEDs for atmospheric lighting

DMX | STAND ALONE | RGB | COB

No. 51916605

www.eurolite.de

English

USER MANUAL

LED Retro 6 Spot ABL

DANGER! Electric shock caused by short-circuit
Be careful with your operations. With a dangerous voltage you can suffer a dangerous electric shock when touching the wires. Never open the housing. Keep the device away from rain and moisture.

Please read these instructions carefully before using the product. They contain important information for the correct use of the product.

Every person involved with the installation, operation and maintenance of this device has to
- be qualified
- follow the instructions of this manual
- consider this manual to be part of the total product
- keep this manual for the entire service life of the product
- pass this manual on to every further owner or user of the product
- download the latest version of the user manual from the Internet

INTRODUCTION

Thank you for having chosen one of our products. If you follow the instructions given in this manual, we are sure that you will enjoy this device for a long period of time.

Product features

Warm white blinder spot with additional colored LEDs for atmospheric lighting

- 6 powerful LEDs 60 W COB (chip-on-board) amber (A)
  LEDs controlled separately
- 108 LEDs 0.1 W SMD 5050 3in1 TCL RGB (homogenous color mix)
  12 segments controlled separately
- Dimmer electronic
- Blinder effect
- 3 integrated show programs
- The device is cooled by temperature-controlled fan
- Control via DMX; stand-alone; sound to light via microphone; QuickDMX via USB (optional); W-DMX by wireless solution via USB (optional); CRMX by LumenRadio via USB (optional)
- Flicker-free
- With a beam angle of 120°
- With mounting bracket
- 4 digit 7-segment LED display
- Mains input and output for power linking up to 8 units
- Built with SEETRONIC connector
- For application areas such as: Clubs/dancing school; wedding/gala/events; stage; theater; restaurants, bars and hotels; rental
- Very quiet working noise
- Application possibility: Standing; suspended

Package contents: 1 x spotlight, 1 x power cord, 1 x user manual

SAFETY INSTRUCTIONS

WARNING!
Please read the safety warnings carefully and only use the product as describe in this manual to avoid accidental injury or damage.

Intended use

- This device is an LED spot for creating decorative lighting effects. This device is designed for professional use in the field of event technology, e.g. on stage. It is not suitable for household lighting.
- Only use the device according to the instructions given herein. Damages due to failure to follow these operating instructions will void the warranty! We do not assume any liability for any resulting damage.
- We do not assume any liability for material and personal damage caused by improper use or non-compliance with the safety instructions. In such cases, the warranty will be null and void.
- Unauthorized rebuilds or modifications of the device are not permitted for reasons of safety and render the warranty invalid.

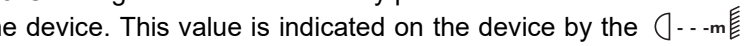
Danger due to electricity

- The device is suitable for indoor use only. Do not use it outdoors. Never expose it to rain or moisture. Do not store it in rooms exposed to moisture.
- To reduce the risk of electric shock, do not open any part of the device. There are no serviceable parts inside the device.
- Only connect the device to a properly installed mains outlet. The outlet must be protected by residual current breaker (RCD). The voltage and frequency must exactly be the same as stated on the device. If the mains cable is equipped with an earthing contact, then it must be connected to an outlet with a protective ground. Never defeat the protective ground of a mains cable. Failure to do so could result in damage to the device and possibly injure the user.
- The mains outlet must be easily accessible so that you can unplug the device quickly if need be.
- Never touch the mains plug with wet or damp hands. There is the risk of potentially fatal electric shock.
- The mains cable must not be bent or squeezed. Keep it away from hot surfaces or sharp edges.
- Never pull the mains cable to disconnect the mains plug from the mains outlet, always seize the plug.
- Unplug the device during lightning storms, when unused for long periods of time or before cleaning.
- Do not expose the device to any high temperatures, direct sunlight, dripping or splashing water, strong vibrations or heavy mechanical stress.
- Do not place any objects filled with liquids on the device.
- Do not place any open sources of fire, such as burning candles, on or directly next to the device.
- Make sure that objects cannot fall into the device, in particular metal parts.
- Only have repairs to the device or its mains cable carried out by qualified service personnel. Repairs are required when the device or the mains cable is visibly damaged, liquid has been spilled or objects have fallen into the device; when the device has been exposed to rain or moisture, has been dropped or malfunctions occur.
- Cleaning of the device is limited to the surface. Make sure that moisture does not come into contact with any areas of the terminal connections or mains voltage control parts. Only wipe off the product with a soft lint-free and moistened cloth. Never use solvents or aggressive detergents.

Danger to children and people with restricted abilities

- This product is not a toy. Keep it out of the reach of children and pets. Do not leave packaging material lying around carelessly. Never leave this device running unattended.
- This device may be used only by persons with sufficient physical, sensorial, and intellectual abilities and having corresponding knowledge and experience. Other persons may use this device only if they are supervised or instructed by a person who is responsible for their safety.

Warning – risk of burns and fire

- The admissible ambient temperature range (Ta) is -5 to +45°C. Do not operate the device outside of this temperature range.
- The housing temperature (Tc) can be up to 55°C during use. Avoid contact by persons and materials.
- Do not illuminate surfaces within 10 cm of the device. This value is indicated on the device by the  symbol.
- Do not use the device near highly flammable materials. Always place the device at a location where sufficient air circulation is ensured. Leave 50 cm of free space around the device. Never cover the air vents of the housing.

Warning – risk of injuries

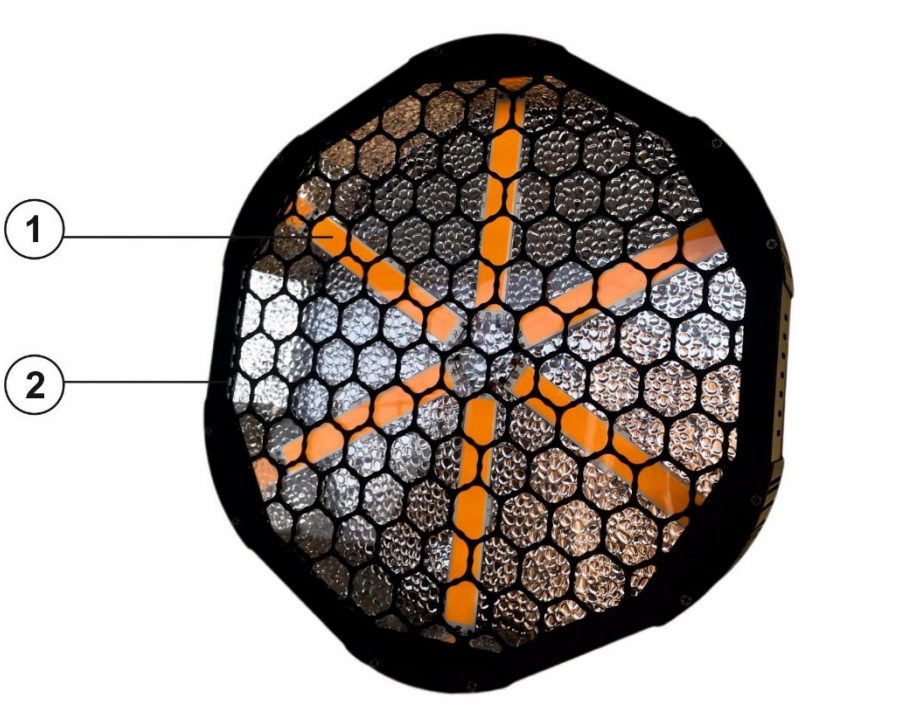
- Do not look directly at the light source. Persons with light-sensitive epilepsy may suffer from epileptic seizures or fall unconscious.
- Make sure that the product is set up or installed safely and expertly and prevented from falling down. Comply with the standards and rules that apply in your country, in particular EN 60598-2-17.
- If you lack the qualification, do not attempt the installation yourself, but instead use a professional installer. Improper installation can result in bodily injury and or damage to property.
- The manufacturer cannot be made liable for damages caused by incorrect installations or insufficient safety precautions.
- For overhead use, always secure the device with a secondary safety attachment such as a safety bond or safety net.
- Make sure that the area below the installation place is blocked when rigging, derigging or servicing the device.
- For commercial use the country-specific accident prevention regulations of the government safety organization for electrical facilities must be complied with at all times.

Caution – material damage

- This device must not be connected to the mains voltage by means of a dimmer.
- Lighting effects are not designed for permanent operation. Consistent operation breaks will ensure that the device will serve you for a long time without defects.
- Never switch the device on and off at short intervals. This will considerably reduce the service life of the device.
- If the device has been exposed to drastic temperature fluctuation, do not switch it on immediately. The resulting condensation may destroy the device. Allow the device to reach room temperature before connecting it. Wait until the condensation has evaporated.
- External light sources can damage the interior of lighting fixtures (optics, LEDs, cables, etc.). Do not expose the device and its light-emitting apertures to light beams from direct sunlight, other spotlights or lasers. Do not focus the light beam from one lighting fixture directly towards another—this applies in particular to moving heads.
- Please use the original packaging to protect the device against vibration, dust and moisture during transportation or storage.

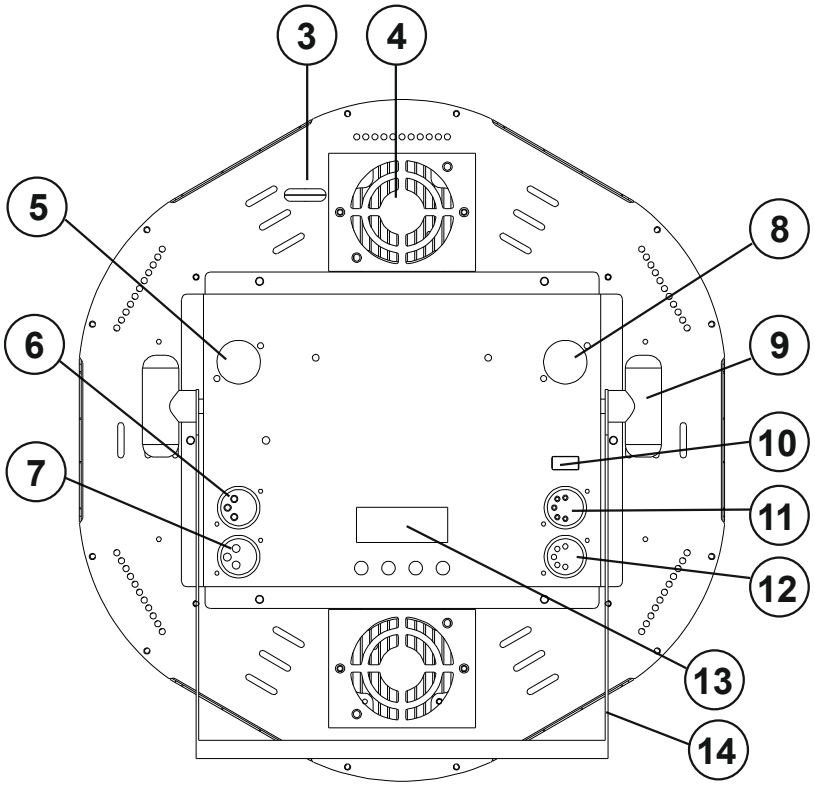
If a serial number label is affixed to the device, do not remove the label as this would make the warranty void.

DESCRIPTION OF THE DEVICE



(1) 60 W COB LED, warm white

(2) 0,1 W SMD 5050 3in1 TCL RGB



(3) Safety eyelet
(4) Fan
(5) Power input
(6) DMX input, 3-pin
(7) DMX output, 3-pin
(8) Power output
(9) Fixation screw
(10) Wireless DMX port
(11) DMX input, 5-pin
(12) DMX output, 5-pin
(13) Display with operating buttons
(14) Mounting bracket

INSTALLATION

WARNING! Risk of injury caused by falling objects
Devices in overhead installations may cause severe injuries when crashing down. Make sure that the device is installed securely and cannot fall down. The installation must be carried out by a specialist who is familiar with the hazards and the relevant regulations.

The device may be placed on the floor or fastened to a truss or similar rigging structure. The device must never be fixed swinging freely in the room.

1 The rigging structure must support at least 10 times the weight of all fixtures to be installed on it.

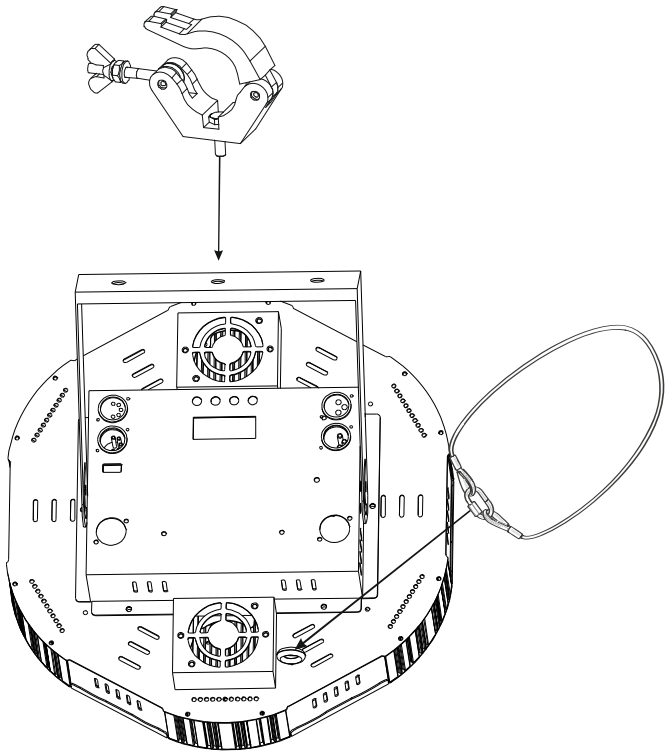
2 Block access below the work area and work from a stable platform when installing the device.

3 Use rigging hardware that is compatible with the structure and capable of bearing the weight of the device. Please refer to the “Accessories” section for a list of suitable rigging hardware.

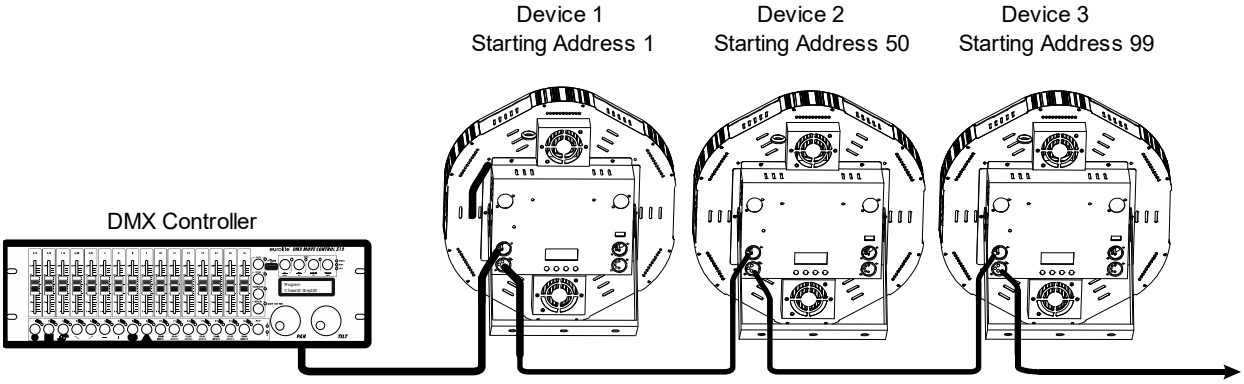
4 Secure the device with a safety bond or other secondary attachment. This secondary safety attachment must be sufficiently dimensioned in accordance with the latest industrial safety regulations and constructed in a way that no part of the installation can fall down if the main attachment fails. An appropriate eyelet is mounted on the device for fixation of the safety bond. Fasten the safety bond in such a way that, in the event of a fall, the maximum drop distance of the device will not exceed 20 cm.

5 To align the device, release the fixation screws at the two mounting brackets, adjust the desired inclination angle and retighten the fixation screws.

6 After installation, the device requires inspections periodically to prevent the possibility of rot, deformation and looseness.



CONNECTIONS



A DMX512 data link is required in order to control the device via DMX. The device provides 3-pin and 5-pin XLR connectors for DMX connection.

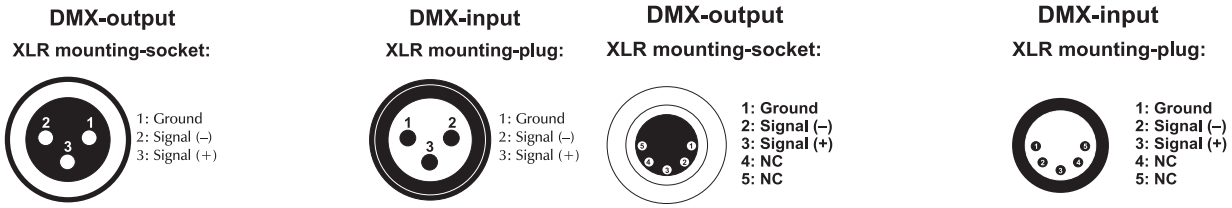
1 Connect the output of your DMX controller to the DMX input DMX IN of the device with a DMX cable.

2 Connect the DMX output DMX OUT of the device to the DMX input of the next unit in the chain. Always connect one output to the input of the next unit until all units are connected.

3 At the last unit, the DMX cable has to be terminated. Plug the terminator with a 120 Ω resistor between Signal (–) and Signal (+) in the DMX output of the last unit.

4 If the cable length exceeds 300 m or the number of DMX devices is greater than 32, it is recommended to insert a DMX splitter to ensure proper data transmission.

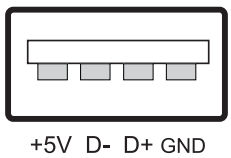
XLR connection:



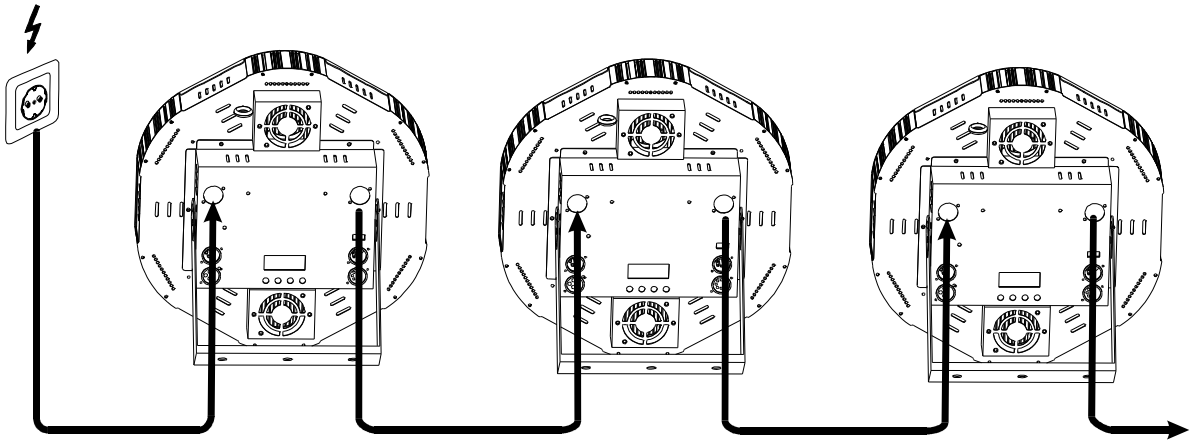
Wireless DMX transmission

The device features an alternative DMX input for a QuickDMX receiver (sold separately). CRMX and WDMX receivers are compatible and can also be used. The connector allows a DMX control signal to be transmitted wirelessly to the device, eliminating the need for complex wiring to the DMX controller. The connector is designed as a USB port which provides the required 5 V operating voltage for the receiver.

Occupation of the USB port:



Connection to the mains



The device uses an auto-range power supply that accepts input voltages between 100 und 240 volts.

1 Connect the device via the mains cable to a grounded mains socket. Thus, the unit is switched on.

2 To switch off the unit, disconnect the power plug.

3 Do not connect the unit to the mains voltage via a dimmer. For a more convenient operation, use a mains outlet which is switchable.

4 The output jacks allow for power supply of further devices. To interconnect several devices, connect the jack POWER OUT to the input POWER IN of the next unit until all units are connected. Matching power cables are available as accessories. In this manner, up to 8 devices can be linked at 230/240 input voltage and up to 4 devices at 110/115 input voltage.

OPERATION

After connecting the device to the mains it is ready for operation. The display indicates the last operating mode. The operating modes can be selected by means of the display and the control buttons. All settings remain stored even if the device is disconnected from the mains. The device can be operated in stand-alone mode via the control board or in DMX-controlled mode via any commercial DMX controller. With a suitable radio receiver, the DMX control signal can also be transmitted wirelessly to the unit. (see accessories).

Menu structure

Press the **MENU** button until the desired function is indicated on the display. Use the **ENTER** button to select the function. With the buttons **UP** and **DOWN** you can select the mode. Confirm with **ENTER**.

Mode	Display			Function
DMX mode	Addr	6CH	A001-A507	6-channel mode and starting address
		10CH	A001-A503	10-channel mode and starting address
		12CH	A001-A501	12-channel mode and starting address
		16CH	A001-A497	16-channel mode and starting address
		49CH	A001-A464	49-channel mode and starting address
Show program mode	Shou	Sh 1-3		Show program 1-3
		Sp 1-10		Program running speed 1-10 slow > fast
		St 0-9		Strobe effect 0-9 slow > fast
Sound control	Soud	Sou 1-2		Show program 1-2
		SEn 1-9		Microphone sensitivity low > high
Individual color mix	Colo	r000-255		**Red** Intensity 0 – 100%
		g000-255		**Green** Intensity 0 – 100%
		b000-255		**Blue** Intensity 0 – 100%
		A000-255		Retro-LED, Intensity 0 – 100%
Dimmer mode	dIMM	dIM1		Delay in response
		dIM2		Direct in response
Display Set	dIs	10S		**Display deactivation** Off after XX seconds
		20S		
		30S		
		60S		
		on		
	dIr	oFF		Rotate display 180 degrees
		on		
Information	uEr	uxxx		Software version

Stand-alone mode

Showprogram mode
In Showprogram mode, 3 show programs are available that run at an adjustable speed.

1 Press the **MENU** button until **Shou** is indicated in the display. Confirm with the **ENTER** button. Use the buttons **UP** and **DOWN** to select the desired show program **Sh 1-3**. Confirm with the **ENTER** button.
2 Use the buttons **UP** and **DOWN** to adjust the running speed of the program from **SP 1** (slow) to **SP 10** (fast). Confirm with the **ENTER** button.
3 The setting of the strobe effect is the final menu item. Use the buttons **UP** and **DOWN** to select the desired flash frequency from **St 0** (slow) to **St 9** (fast). When set to **St 0**, the strobe effect is disabled. Confirm with the **ENTER** button.

Sound control
Via the integrated microphone the unit can perfectly reproduce the show programs to the rhythm of the music (sufficient bass provided).

1 Press the **MENU** button until **Soud** is indicated in the display. Confirm with the **ENTER** button. Use the buttons **UP** and **DOWN** to select the desired show program **Sou 1** or **Sou 2**. Confirm with the **ENTER** button.

2 Use the buttons **UP** and **DOWN** to adjust the microphone sensitivity to the volume of the music (**SEn 1** = low, **SEn 9** = high). Confirm with the **ENTER** button.

Individual color mix
In the mode **Colo** each LED color can be individually adjusted for intensity. The device will constantly emit the adjusted color.

1 Press the **MENU** button until **Colo** is indicated in the display. Confirm with the **ENTER** button.
2 Now the display indicates the letter **r** for the color red and the corresponding intensity value. Use the buttons **UP** and **DOWN** to adjust the desired intensity. Confirm with the **ENTER** button. Now the color green can be adjusted; then blue and warm white for the retro LEDs.

Dimmer mode
The dimmer response characteristics described above are available in two different versions.

1 Press the **MENU** button until **dIMM** is indicated in the display. Confirm with the **ENTER** button.
2 Use the buttons **UP** and **DOWN** to select the desired dimmer mode, dIM1 for response characteristics of delay in response, dIM2 for response characteristics of direct response of LEDs. Confirm with the ENTER button.

Display set
Under the menu point **dis**, you can set the desired display activation time. See menu structure.

Under the menu point **dIr,** you can reverse the display by 180° for an improved view when the device has been mounted upside-down, e.g. on a trussing.

Information
The display can indicate the software version of the device.

1 Press the **MENU** button until **Info** is indicated in the display. Confirm with the **ENTER** button. The display indicates **Ver**.
2 Confirm again with the **ENTER** button. Now the display shows the current software version.

DMX operation

Setting the number of DMX channels and the DMX starting address
For operation with a controller with DMX512 protocol, the device is equipped with 49 control channels. However, it can also be switched to a mode with 6, 10, 12 or 16 channels if different functions are required. To be able to operate the device with a DMX controller, the DMX starting address must be set. The starting address depends upon which DMX controller is being used. Please refer to the controller's documentation.

1 Press the **MENU** button until **Addr** is indicated in the display. Confirm with the **ENTER** button.

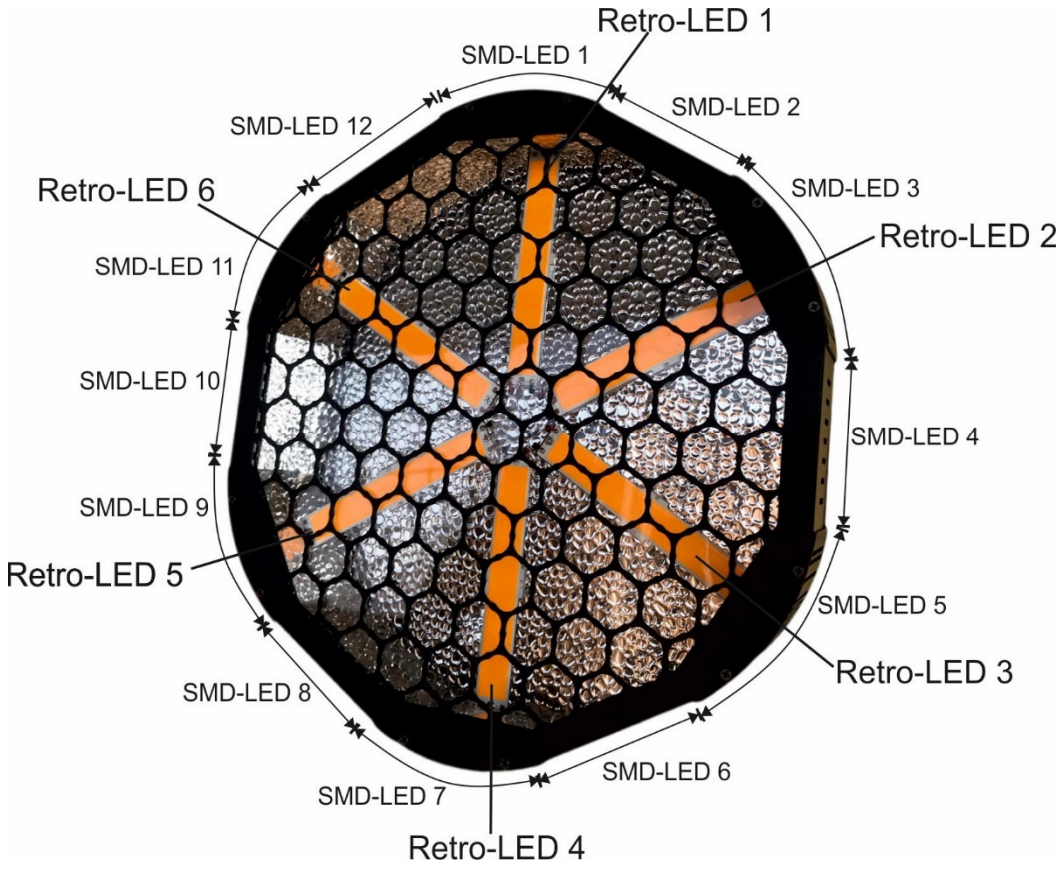
2 The display indicates **6 CH** (6 DMX channels), **10 CH** (10 DMX channels), **12 CH** (12 DMX channels), **16 CH** (16 DMX channels) or **49 CH** (49 DMX channels). Use the buttons **UP** and **DOWN** to select the desired DMX channel mode. Confirm with the **ENTER** button.

3 Now the display indicates the menu item for the DMX starting address **A*****. Use the buttons **UP** and **DOWN** to set the address. Confirm with the **ENTER** button.

4 DMX is indicated when a dot on the display blinks.

Note: Please make sure that you do not have any overlapping channels in order to control each device correctly and independently from any other fixture on the DMX chain. If several devices are addressed to the same address, they will work synchronously.

LED arrangement:
SMD LEDs in RGB are divided into 12 segments (9 SMD LEDs each) and the retro LEDs 1-6, in warm white can be controlled individually. See the following DMX protocol.



Functions in DMX mode

6-channel mode

Channel	Value	Function	
1	000 – 255	**Dimmer,** brightness 0-100%, Retro-LEDs	
2	000 – 009	No function	
	010 – 255	**Strobe effect**, slow > fast, channel 1	
3	000 – 255	SMD LED, **Red** 0 – 100%	**SMD LED**
4	000 – 255	SMD LED. **Green** 0 – 100%	
5	000 – 255	SMD LED, **Blue** 0 – 100%	
6	000 – 009	No function	
	010 – 255	**Strobe effect**, slow > fast, channel 3-5	

10-channel mode

Channel	Value	Function	
1	000 – 255	**Master dimmer,** brightness 0-100%	
2	000 – 009	No function	
	010 – 255	**Strobe effect**, slow > fast, channel 3	
3	000 – 004	No function	**Retro LED programs**
	005 – 009	All LEDs	
	010 – 025	Program 1	
	026 – 040	Program 2	
	041 – 055	Program 3	
	056 – 070	Program 4	
	071 – 085	Program 5	
	086 – 100	Program 6	
	101 – 115	Program 7	
	116 – 130	Program 8	
	131 – 145	Program 9	
	146 – 160	Program 10	
	161 – 175	Program 11	
	176 – 190	Program 12	
	191 – 205	Program 13	
	206 – 220	Program 14	
	221 – 235	Program 15	
	236 – 255	Program 1-15	
4	000 – 255	**Program speed,** slow > fast, channel 3	
5	000 – 255	SMD LED, **Red** 0 – 100%	**SMD LEDs CH9 program 1-12**
6	000 – 255	SMD LED, **Green** 0 – 100%	
7	000 – 255	SMD LED, **Blue** 0 – 100%	
8	000 – 009	No function	
	010 – 255	**Strobe effect**, slow > fast, channel 5-7	
9	000 – 005	No function	**SMD LED programs**
	006 – 015	Program 1	
	016 – 025	Program 2	
	026 – 035	Program 3	

	036 – 045	Program 4	
	046 – 055	Program 5	
	056 – 065	Program 6	
	066 – 075	Program 7	
	076 – 085	Program 8	
	086 – 095	Program 9	
	096 – 105	Program 10	
	106 – 115	Program 11	
	116 – 125	Program 12	
	126 – 135	Program 13	
	136 – 145	Program 14	
	146 – 155	Program 15	
	156 – 165	Program 16	
	166 – 175	Program 17	
	176 – 185	Program 18	
	186 – 195	Program 19	
	196 – 205	Program 20	
	206 – 215	Program 21	
	216 – 225	Program 22	
	226 – 235	Program 23	
	236 – 245	Program 24	
	246 – 255	Program 1-24	
10	000 – 255	**Program speed,** slow > fast**,** channel 9	

12-channel mode

Channel	Value	Function	
1	000 – 255	**Master dimmer,** brightness 0-100%, channel 2-7 and 9-11	
2	000 – 255	Retro LED 1	**Retro LED**
3	000 – 255	Retro LED 2	
4	000 – 255	Retro LED 3	
5	000 – 255	Retro LED 4	
6	000 – 255	Retro LED 5	
7	000 – 255	Retro LED 6	
8	000 – 009	No function	
	010 – 255	**Strobe effect**, slow > fast, channel 2-7	
9	000 – 255	SMD LED, **Red** 0 – 100%	**SMD LED**
10	000 – 255	SMD LED. **Green** 0 – 100%	
11	000 – 255	SMD LED, **Blue** 0 – 100%	
12	000 – 009	No function	
	010 – 255	**Strobe effect**, slow > fast, channel 9-11	

16-channel mode

Channel	Value	Function	
1	000 – 255	**Master dimmer,** brightness 0-100%, channel 2-7 and 9, 11-13, 15	
2	000 – 255	Retro LED 1	**Retro LED**
3	000 – 255	Retro LED 2	
4	000 – 255	Retro LED 3	
5	000 – 255	Retro LED 4	
6	000 – 255	Retro LED 5	
7	000 – 255	Retro LED 6	
8	000 – 009	No function	
	010 – 255	**Strobe effect**, slow > fast, channel 2-7	
9	000 – 009	No function	**Retro LED programs**
	010 – 025	Program 1	
	026 – 040	Program 2	
	041 – 055	Program 3	
	056 – 070	Program 4	
	071 – 085	Program 5	
	086 – 100	Program 6	
	101 – 115	Program 7	
	116 – 130	Program 8	
	131 – 145	Program 9	
	146 – 160	Program 10	
	161 – 175	Program 11	
	176 – 190	Program 12	
	191 – 205	Program 13	
	206 – 220	Program 14	
	221 – 235	Program 15	
	236 – 255	Program 1-15	
10	000 – 255	**Program speed**, slow > fast, channel 9	
11	000 – 255	SMD LED, **Red** 0 – 100%	**SMD LEDs CH15 program 1-12**
12	000 – 255	SMD LED, **Green** 0 – 100%	
13	000 – 255	SMD LED, **Blue** 0 – 100%	
14	000 – 009	No function	
	010 – 255	**Strobe effect**, slow > fast, channel 11-13	
15	000 – 005	No function	**SMD LED programs**
	006 – 015	Program 1	
	016 – 025	Program 2	
	026 – 035	Program 3	
	036 – 045	Program 4	
	046 – 055	Program 5	
	056 – 065	Program 6	
	066 – 075	Program 7	
	076 – 085	Program 8	
	086 – 095	Program 9	
	096 – 105	Program 10	
	106 – 115	Program 11	
	116 – 125	Program 12	

	126 – 135	Program 13	
	136 – 145	Program 14	
	146 – 155	Program 15	
	156 – 165	Program 16	
	166 – 175	Program 17	
	176 – 185	Program 18	
	186 – 195	Program 19	
	196 – 205	Program 20	
	206 – 215	Program 21	
	216 – 225	Program 22	
	226 – 235	Program 23	
	236 – 245	Program 24	
	246 – 255	Program 1-24	
16	000 – 255	**Program speed**, slow > fast, channel 15	

49-channel mode

Channel	Value	Function	
1	000 – 255	**Master dimmer,** brightness 0-100%, channel 2-7 and 9, 11-46, 48	
2	000 – 255	Retro LED 1	**Retro LED**
3	000 – 255	Retro LED 2	
4	000 – 255	Retro LED 3	
5	000 – 255	Retro LED 4	
6	000 – 255	Retro LED 5	
7	000 – 255	Retro LED 6	
8	000 – 009	No function	
	010 – 255	**Strobe effect**, slow > fast, channel 2-7	
9	000 – 009	No function	**Retro LED programs**
	010 – 025	Program 1	
	026 – 040	Program 2	
	041 – 055	Program 3	
	056 – 070	Program 4	
	071 – 085	Program 5	
	086 – 100	Program 6	
	101 – 115	Program 7	
	116 – 130	Program 8	
	131 – 145	Program 9	
	146 – 160	Program 10	
	161 – 175	Program 11	
	176 – 190	Program 12	
	191 – 205	Program 13	
	206 – 220	Program 14	
	221 – 235	Program 15	
	236 – 255	Program 1-15	
10	000 – 255	**Program speed**, slow > fast, channel 9	
11	000 – 255	SMD LED 1, Red 0 – 100%	**Segment 1 SMD-LED**
12	000 – 255	SMD LED 1, Green 0 – 100%	

13	000 – 255	SMD LED 1, Blue 0 – 100%	
14	000 – 255	SMD LED 2, Red 0 – 100%	**Segment 2 SMD-LED**
15	000 – 255	SMD LED 2, Green 0 – 100%	
16	000 – 255	SMD LED 3, Blue 0 – 100%	
17	000 – 255	SMD LED 3, Red 0-100%	**Segment 3 SMD-LED**
18	000 – 255	SMD LED 3, Green 0-100%	
19	000 – 255	SMD LED 3, Blue 0-100%	
20	000 – 255	SMD LED 4, Red 0-100%	**Segment 4 SMD-LED**
21	000 – 255	SMD LED 4 Green 0-100%	
22	000 – 255	SMD LED 4, Blue 0-100%	
23	000 – 255	SMD LED 5, Red 0-100%	**Segment 5 SMD-LED**
24	000 – 255	SMD LED 5, Green 0-100%	
25	000 – 255	SMD LED 5, Blue 0-100%	
26	000 – 255	SMD LED 6, Red 0-100%	**Segment 6 SMD-LED**
27	000 – 255	SMD LED 6, Green 0-100%	
28	000 – 255	SMD LED 6, Blue 0-100%	
29	000 – 255	SMD LED 7, Red 0-100%	**Segment 7 SMD-LED**
30	000 – 255	SMD LED 7, Green 0-100%	
31	000 – 255	SMD LED 7, Blue 0-100%	
32	000 – 255	SMD LED 8, Red 0-100%	**Segment 8 SMD-LED**
33	000 – 255	SMD LED 8, Green 0-100%	
34	000 – 255	SMD LED 8, Blue 0-100%	
35	000 – 255	SMD LED 9, Red 0-100%	**Segment 9 SMD-LED**
36	000 – 255	SMD LED 9, Green 0-100%	
37	000 – 255	SMD LED 9, Blue 0-100%	
38	000 – 255	SMD LED 10, Red 0-100%	**Segment 10 SMD-LED**
39	000 – 255	SMD LED 10, Green 0-100%	
40	000 – 255	SMD LED 10, Blue 0-100%	
41	000 – 255	SMD LED 11, Red 0-100%	**Segment 11 SMD-LED**
42	000 – 255	SMD LED 11, Green 0-100%	
43	000 – 255	SMD LED 11, Blue 0-100%	
44	000 – 255	SMD LED 12, Red 0-100%	**Segment 12 SMD-LED**
45	000 – 255	SMD LED 12, Green 0-100%	
46	000 – 255	SMD LED 12, Blue 0-100%	
47	000 – 009	No function	
	010 – 255	**Strobe effect**, slow > fast, channel 11-46	
48	000 – 005	No function	**SMD LED programs**
	006 – 015	Program 1	
	016 – 025	Program 2	
	026 – 035	Program 3	
	036 – 045	Program 4	
	046 – 055	Program 5	
	056 – 065	Program 6	
	066 – 075	Program 7	
	076 – 085	Program 8	
	086 – 095	Program 9	
	096 – 105	Program 10	

	106 – 115	Program 11	
	116 – 125	Program 12	
	126 – 135	Program 13	
	136 – 145	Program 14	
	146 – 155	Program 15	
	156 – 165	Program 16	
	166 – 175	Program 17	
	176 – 185	Program 18	
	186 – 195	Program 19	
	196 – 205	Program 20	
	206 – 215	Program 21	
	216 – 225	Program 22	
	226 – 235	Program 23	
	236 – 245	Program 24	
	246 – 255	Program 1-24	
49	000 – 255	**Program speed**, slow > fast, channel 48	

CLEANING AND MAINTENANCE

The outside of the device should be cleaned periodically to remove contaminants such as dust etc. The lenses, in particular, should be clean to ensure that light will be emitted at maximum brightness.

1 Disconnect the device from power and allow it to cool before cleaning.

2 Clean the surface with a soft lint-free and moistened cloth. Never use alcohol or solvents as these may damage the surface. Make sure that no liquids can enter the device.

3 The device must be dry before reapplying power.

There are no serviceable parts inside. Do not open the housing. Do not try to repair the device by yourself as this may result in damage. Maintenance and service operations are only to be carried out by authorized dealers. Should you need any spare parts, please use genuine parts. Should you have further questions, please contact your dealer.

PROTECTING THE ENVIRONMENT

Disposal of old equipment

When to be definitively put out of operation, take the product to a local recycling plant for a disposal which is not harmful to the environment. Devices marked with this symbol must not be disposed of as household waste. Contact your retailer or local authorities for more information. Remove any inserted batteries and dispose of them separately from the product.

You as the end user are required by law (Battery Ordinance) to return all used batteries/ rechargeable batteries. Disposing of them in the household waste is prohibited. You may return your used batteries free of charge to collection points in your municipality and anywhere where batteries/rechargeable batteries are sold. By disposing of used devices and batteries correctly, you contribute to the protection of the environment.

English

TECHNICAL SPECIFICATIONS

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	200 W
Protection class:	Protection class I
Power connection:	Mains input via P-Con (blue), mounting version Power supply cord with safety plug
Cable construction:	3 x 1.5 mm² H05VV-F
Power output:	P-Con (gray), mounting version
Lamp type:	LED lamp
LED type:	6 x 60 W COB (chip-on-board) amber (A)
	108 x 0.1 W SMD 5050 3in1 TCL RGB (homogenous color mix)
Flash rate:	0.8 - 20 Hz
DMX channels:	6; 10; 12; 16; 49
DMX input:	3-pin XLR (M) mounting version
	5-pin XLR (M) mounting version
DMX output:	3-pin XLR (F) mounting version
	5-pin XLR (F) mounting version
Cooling:	2 x temperature-controlled fan
Control:	DMX; stand-alone; sound to light via microphone; QuickDMX via USB (optional); W-DMX by wireless solution via USB (optional); CRMX by LumenRadio via USB (optional)
Projection:	Flicker-free
Beam angle (1/2 peak):	120°
Housing color:	Black
Attachment system:	Mounting bracket
Display type:	4 digit 7-segment LED display
USB port:	Type A
Use of brands:	Built with SEETRONIC connector
Material:	Metal
Dimensions:	Width: 36 cm
	Depth: 10.5 cm
	Height: 37.5 cm
Weight:	5.0 kg

Accessories

EUROLITE TH-270 QUICK-LOCK SLIM silver	No. 58000753
EUROLITE TH-270S QUICK-LOCK SLIM black	No. 58000754
EUROLITE TPC-10 Coupler, silver	No. 59006856
EUROLITE Safety Bond AG-15 4x1000mm up to 15kg	No. 58010364
EUROLITE DMX Cable XLR 3-pin 3m black	No. 3022785H
EUROLITE QuickDMX USB Wireless Transmitter/Receiver	No. 70064704
EUROLITE P-Con Connection Cable 3x1.5 5m	No. 30247708
EUROLITE Combi Cable DMX P-Con/3-pin XLR 1.5m	No. 30227780
EUROLITE Combi Cable DMX P-Con/5-pin XLR 3m	No. 30227783