

GLS-4 LED STAGE 4

owners manual

GLX LED STAGE 4 MANUAL

Thanks for choosing the GLX LED STAGE 4 lighting system. In order to make the best use of your LED SYSTEM, please read the following carefully.

Important notes

1. Read these instructions.
2. Keep these instructions.
3. Do not use the LED STAGE 4 near water.
4. Clean only with dry cloth.
5. Install in accordance with the manufacturer's instructions.
6. Do not block any ventilation openings.
7. To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
8. Protect the power cord from being walked on or being pinched.
9. Unplug this apparatus when unused for long periods of time.

There are no user serviceable parts inside. All servicing has to be done by qualified service personnel. Servicing is required when the LED STAGE 4 has been damaged in any way, such as when the power supply cord or plug is damaged, when objects have fallen onto the LED STAGE 4, when it has been exposed to rain or moisture, or when the LED STAGE 4 does not operate normally.

Warning: damages caused by the disregard of this user manual are not subject to warranty.

Installation of the GLX LED STAGE 4

Attach the LED BAR to the top end of a 35mm diameter stand and fasten the fixation screw making sure the unit's weight is evenly balanced. Please note: for overhead rigging in public or industrial areas, a series of safety instructions have to be followed that this manual can only give in part.

Main connection

The device must only be connected in compliance with the IEC standards. The electric installation must be equipped with a Residual Current Device (RCD) with a maximum fault current of 30mA. Lighting effects must never be connected to dimming packs.

Operation

After you power up the LED STAGE 4, the LED's start running and the display lights up. The device has two operating modes; it can be operated in **sound controlled** or in **DMX-controlled mode**.

You can choose the desired mode via the button **MENU**, **UP** and **DOWN**:

When the display shows **A***** you can choose the desired DMX address via the UP or DOWN buttons.

When the display shows ***512** the device is in DMX mode. To switch to sound controlled mode, press the DOWN button.

When the display shows ***SND** the device is in sound controlled mode. To switch to DMX mode, press the UP button.

When the display shows **S**** you can choose the desired speed of the internal programs. Default is 51; for increasing speed press the DOWN button, for decreasing speed press the UP button.

DMX controlled operation

You can control the spots individually via your DMX controller. We recommend the GLX DMX-16 mixing console.

DMX-512 connection

Only use a stereo shielded cable with 3-pin XLR-connectors in order to connect the controller with the fixture or one fixture with another.

Master - slave operation

The Master - slave operation enables several devices to be synchronized and controlled by one master device:

On the rear panel of the GLX LED STAGE 4 you can find an XLR socket, which can be used for connecting several devices. Choose the device which is to control the effects (master). Connect the OUT jack with the IN of the next device. Set the master device to SOUND mode and set each slave device to the same DMX address.

Operation via footswitch

Connect the footswitch with the GLX LED STAGE 4 via the 5-pin connection cable with plug. The foot switch can be operated in sound controlled (*SND) or in DMX-controlled (*512) mode.

Pedal functions

| | |
|---------|---|
| Pedal 1 | Preset: 1 X press = white 2 X press = red 3 X press = green 4 X press = blue 5 X press = cyan 6 X press = yellow 7 X press = violet 8 X press = color change every second in a continuous loop 9 X press = color fade every 3 seconds in a continuous loop |
| Pedal 2 | Sound |
| Pedal 3 | Freeze |
| Pedal 4 | Blackout |

To discontinue operation of the footswitch, press pedals 1 and 4 simultaneously, then release both pedals simultaneously.

Cleaning and maintenance

Make sure that:

1. All screws used for installing the devices or parts of the device have to be tightly connected and must not be corroded.
 2. There must not be any deformations of the housings, fixations and installation spots (ceiling, suspension, trussing)
 3. The electric power supply cable must not show any damages, (e.g. porous cables) or sediments.
- Further instructions depending on the installation spot and usage have to be adhered by a skilled installer and any safety problems have to be removed. Disconnect from mains before starting maintenance operation.

We recommend frequent cleaning of the device. Please use a soft lint-free and moistened cloth. Never use alcohol or solvents!

Replacing the fuse

Only replace the fuse by a fuse of the same type and rating.

Step 1: Open the fuse holder on the rear panel with a fitting screw driver.

Step 2: Remove the old fuse from the fuseholder.

Step 3: Install the new fuse in the fuseholder

Step 4: Remount the fuseholder in the housing

Before replacing the fuse, unplug the LED STAGE 4.

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Technical specifications

| | |
|---|-------------------------|
| Power supply: | 220-250V AC, 50-60 Hz~ |
| Power consumption: | 50W |
| Number of DMX channels: | 15 |
| DMX-512 connection: | 3 pin XLR |
| Number of 10mm LEDs: | 432 |
| Beam angle: | 25° |
| Sound-control: | Via built-in microphone |
| Maximum ambient temperature Ta: | 45°C |
| Maximum housing temperature TB (steady state) | 60°C |
| Min.distance from flammable surfaces: | 0.50m |
| Min.distance to lighted object: | 0.10m |
| Fuse: | F 2A, 250V |
| Dimensions (LxWxH): | 1110 X 55 X 295 |
| Weight: | 8kg |

Channels

Channel 1 - Internal programs, auto mode and sound controlled mode

| Value | Function |
|---------|------------------------------|
| 000-009 | Off |
| 010-029 | Program 1 |
| 030-049 | Program 2 |
| 050-059 | Program 3 |
| 070-089 | Program 4 |
| 090-109 | 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 | Auto Mode: Internal Programs |
| 250-255 | Sound controlled Mode |

Channel 2 - Master Dimmer

| Value | Function |
|---------|-----------------------|
| 000-009 | Off |
| 010-255 | Dimming from 0 – 100% |

Channel 3 - Strobe

| Value | Function |
|---------|-----------------------------|
| 000-009 | Off |
| 010-255 | Flash with increasing speed |

Channel 4 – spot 1 RED

| Value | Function |
|---------|------------------------|
| 000-255 | Dimming from 0 - 100 % |

Channel 5 – spot 1 GREEN

| Value | Function |
|---------|------------------------|
| 000-255 | Dimming from 0 - 100 % |

Channel 6 – spot 1 BLUE

| Value | Function |
|---------|------------------------|
| 000-255 | Dimming from 0 - 100 % |

Channel 7 – spot 2 RED

| Value | Function |
|---------|------------------------|
| 000-255 | Dimming from 0 - 100 % |

Channel 8 – spot 2 GREEN

| Value | Function |
|---------|------------------------|
| 000-255 | Dimming from 0 - 100 % |

Channel 9 – spot 2 BLUE

| Value | Function |
|---------|------------------------|
| 000-255 | Dimming from 0 - 100 % |

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Channel 10 – **spot 3 RED**

| Value | Function |
|---------|------------------------|
| 000-255 | Dimming from 0 - 100 % |

Channel 12 – **spot 3 BLUE**

| Value | Function |
|---------|------------------------|
| 000-255 | Dimming from 0 - 100 % |

Channel 14 – **spot 4 GREEN**

| Value | Function |
|---------|------------------------|
| 000-255 | Dimming from 0 - 100 % |

Channel 11 – **spot 3 GREEN**

| Value | Function |
|---------|------------------------|
| 000-255 | Dimming from 0 - 100 % |

Channel 13 – **spot 4 RED**

| Value | Function |
|---------|------------------------|
| 000-255 | Dimming from 0 - 100 % |

Channel 15 – **spot 4 BLUE**

| Value | Function |
|---------|------------------------|
| 000-255 | Dimming from 0 - 100 % |