

Stage Quad LED Bundle  
RGBW / RGBWW  
LED lighting set

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19.02.2019, ID: 406030, 404465 (V3)

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# 1 General information

This user manual contains important information on the safe operation of the device. Read and follow all safety notes and all instructions. Save this manual for future reference. Make sure that it is available to all persons using this device. If you sell the device to another user, be sure that they also receive this manual.

Our products and user manuals are subject to a process of continuous development. We therefore reserve the right to make changes without notice. Please refer to the latest version of the user manual which is ready for download under [www.thomann.de](http://www.thomann.de).

## 1.1 Further information

On our website ([www.thomann.de](http://www.thomann.de)) you will find lots of further information and details on the following points:

|                       |   |
|-----------------------|---|
| Download              | This manual is also available as PDF file for you to download.                                    |
| Keyword search        | Use the search function in the electronic version to find the topics of interest for you quickly. |
| Online guides         | Our online guides provide detailed information on technical basics and terms.                     |
| Personal consultation | For personal consultation please contact our technical hotline.                                   |
| Service               | If you have any problems with the device the customer service will gladly assist you.             |

## 1.2 Notational conventions

This manual uses the following notational conventions:

### Letterings

The letterings for connectors and controls are marked by square brackets and italics.

**Examples:** *[VOLUME]* control, *[Mono]* button.

### Displays

Texts and values displayed on the device are marked by quotation marks and italics.

**Examples:** *'24ch'*, *'OFF'*.

### Instructions

The individual steps of an instruction are numbered consecutively. The result of a step is indented and highlighted by an arrow.



#### Example:


- 1.** ▶ Switch on the device.
- 2.** ▶ Press *[Auto]*.
  - ⇒ Automatic operation is started.
- 3.** ▶ Switch off the device.

## 1.3 Symbols and signal words

In this section you will find an overview of the meaning of symbols and signal words that are used in this manual.



| Signal word   | Meaning  |
|---|--|
| <b>DANGER!</b>  | This combination of symbol and signal word indicates an immediate dangerous situation that will result in death or serious injury if it is not avoided.        |
| <b>WARNING!</b>   | This combination of symbol and signal word indicates a possible dangerous situation that can result in death or serious injury if it is not avoided.           |
| <b>NOTICE!</b>  | This combination of symbol and signal word indicates a possible dangerous situation that can result in material and environmental damage if it is not avoided. |
| Warning signs   | Type of danger   |
|  | Warning – high-voltage.  |
|  | Warning – dangerous optical radiation.   |

| Warning signs   | Type of danger         |
|---|------------------------|
|  | Warning – danger zone. |

## 2 Safety instructions

### Intended use

This device is intended for use as an electronic lighting effect by means of LED technology. The device is designed for professional use and is not suitable for use in households. Use the device only as described in this user manual. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

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.

Extend the life of the device by regular breaks in operation and avoid switching it on and off frequently. This device is not suitable for continuous use.

### Safety



#### **DANGER!**

##### **Danger for children**

Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard!

Ensure that children do not detach any small parts (e.g. knobs or the like) from the unit. They could swallow the pieces and choke!

Never let children unattended use electrical devices.



#### **DANGER!**

##### **Electric shock caused by high voltages inside**

Within the device there are areas where high voltages may be present. Never remove any covers.

There are no user-serviceable parts inside.

Do not use the device if covers, protectors or optical components are missing or damaged.



**DANGER!**

**Electric shock caused by short-circuit**

Always use proper ready-made insulated mains cabling (power cord) with a protective contact plug. Do not modify the mains cable or the plug. Failure to do so could result in electric shock/death or fire. If in doubt, seek advice from a registered electrician.



**WARNING!**

**Eye damage caused by high light intensity**

Never look directly into the light source.



**WARNING!**

**Risk of epileptic shock**

Strobe lighting can trigger seizures in photosensitive epilepsy. Sensitive persons should avoid looking at strobe lights.



**NOTICE!**

**Risk of fire**

Do not block areas of ventilation. Do not install the device near any direct heat source. Keep the device away from naked flames.



**NOTICE!**

**Operating conditions**

This device has been designed for indoor use only. To prevent damage, never expose the device to any liquid or moisture. Avoid direct sunlight, heavy dirt, and strong vibrations.

Only operate the device within the ambient conditions specified in the chapter 'Technical specifications' of this user manual. Avoid heavy temperature fluctuations and do not switch the device on immediately after it was exposed to temperature fluctuations (for example after transport at low outside temperatures).

Dust and dirt inside can damage the unit. When operated in harmful ambient conditions (dust, smoke, nicotine, fog, etc.), the unit should be maintained by qualified service personnel at regular intervals to prevent overheating and other malfunction.



### **NOTICE!**

#### **Power supply**

Before connecting the device, ensure that the input voltage (AC outlet) matches the voltage rating of the device and that the AC outlet is protected by a residual current circuit breaker. Failure to do so could result in damage to the device and possibly injure the user.

Unplug the device before electrical storms occur and when it is unused for long periods of time to reduce the risk of electric shock or fire.



### **NOTICE!**

#### **Possible damage due to installation of a wrong fuse**

The use of different types of fuses can cause serious damage to the unit. Fire hazard!

Only fuses of the same type may be used.



### 3 Features

The LED light set offers an ideal combination of white and coloured light for parallel illumination of stage and dance floor in various shades.

- four LED spots with each seven 4-in-1 LEDs, 4 W each, pre-mounted on T-bar
  - RGBW version: Red, green, blue, cold white
  - RGBWW version: Red, green, blue, warm white
- Control via DMX (six different modes), via buttons and display on the unit, foot switch as well as infrared remote control
- 22 preprogrammed automatic shows
- Sound control
- Master / Slave mode
- Noiseless operation due to convection cooling
- Sturdy transport bag included
- Optionally available accessories: Stand, foot switch unit, infrared remote control

For technological reasons, the light output of LEDs decreases over their lifetime. This effect increases with higher operating temperature. You can extend the service life of the illuminants by providing adequate ventilation and operating the LEDs with the lowest possible brightness.

## 4 Installation

Unpack and check carefully there is no transportation damage before using the unit. Keep the equipment packaging. To fully protect the product against vibration, dust and moisture during transportation or storage use the original packaging or your own packaging material suitable for transport or storage, respectively.



### **NOTICE!**

#### **Risk of overheating**

The distance between light output and the illuminated surface must be more than 1.5 m (19.7in).

Provide sufficient ventilation.

The ambient temperature must always be below 40 °C (104 °F).



**NOTICE!**

**Use of stands**

When mounting the device onto a stand, ensure that the stand is in a safe and stable position and that the weight of the device does not exceed the maximum permissible load capacity of the stand.



**NOTICE!**

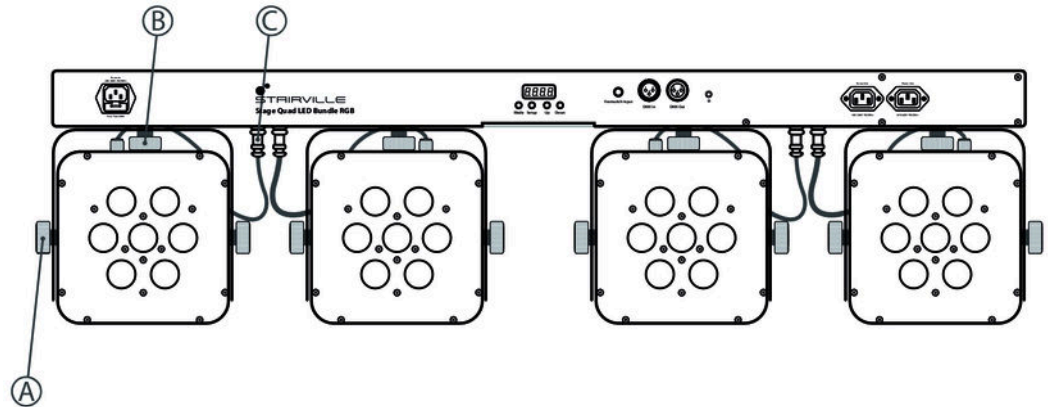
**Possible data transmission errors**

For error-free operation make use of dedicated DMX cables and do not use ordinary microphone cables.

Never connect the DMX input or output to audio devices such as mixers or amplifiers.

## Pre-mounted spots

The four spots are pre-mounted on the T-bar.



|   |  |
|---|--|
| A | Locking screws to fix the height and inclination angle.  |
| B | Locking screw for fixing the spots on the T-bar and the horizontal orientation (dispersion direction). |
| C | Electrical connection of the spot at the T-bar (pre-mounted).  |



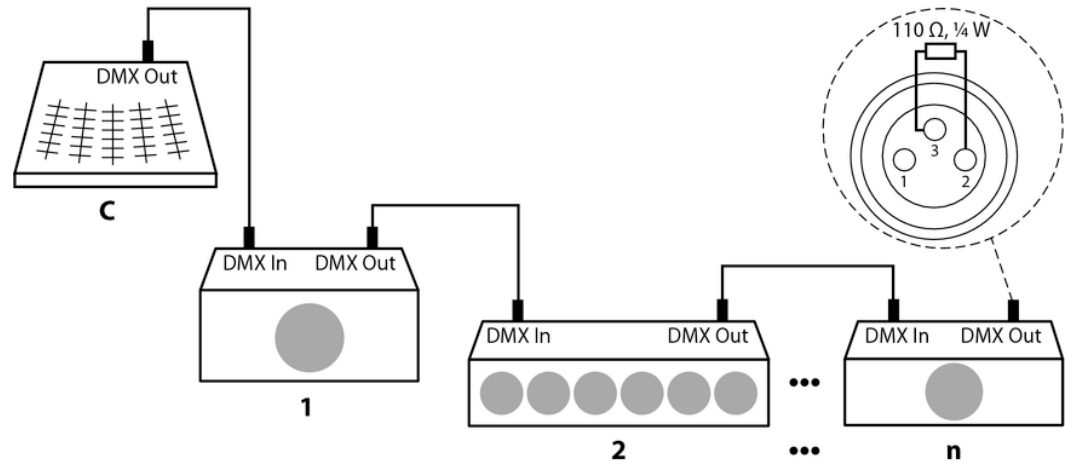
*Please note that this device must not be connected to a dimmer.*

## 5 Starting up

Create all connections while the device is off. Use the shortest possible high-quality cables for all connections. Take care when running the cables to prevent tripping hazards.

**Connections in DMX mode**

Connect the DMX input of the device to the DMX output of a DMX controller or another DMX device. Connect the output of the first DMX device to the input of the second one, and so on to form a daisy chain. Always ensure that the output of the last DMX device in the daisy chain is terminated with a resistor ( $110\ \Omega$ ,  $\frac{1}{4}\ \text{W}$ ).

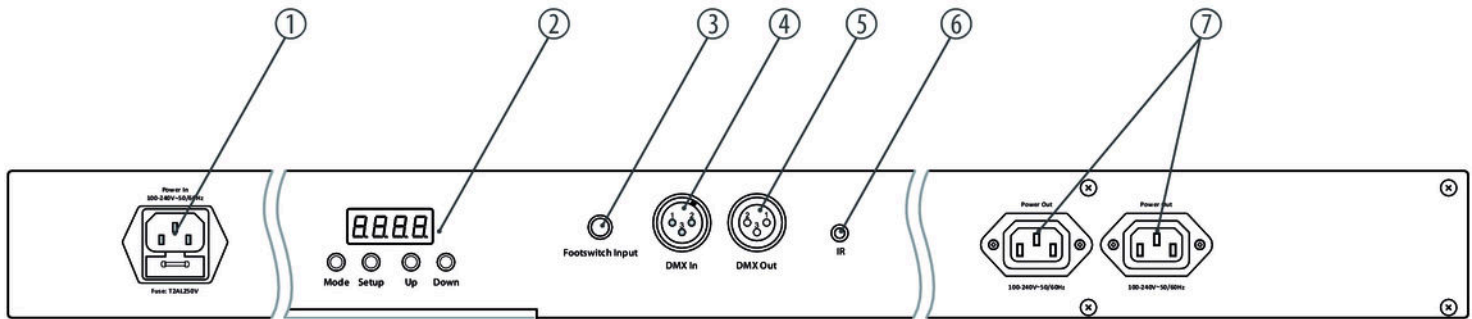


### **Connections in master/slave mode**

When you configure a group of devices in master/slave mode, the first unit will control the other units for an automatic, sound-activated, synchronized show. This function is ideal when you want to start a show immediately. Connect the DMX output of the master device to the DMX input of the first slave device. Then connect the DMX output of the first slave device to the DMX input of the second slave device and so on.



## 6 Connections and controls

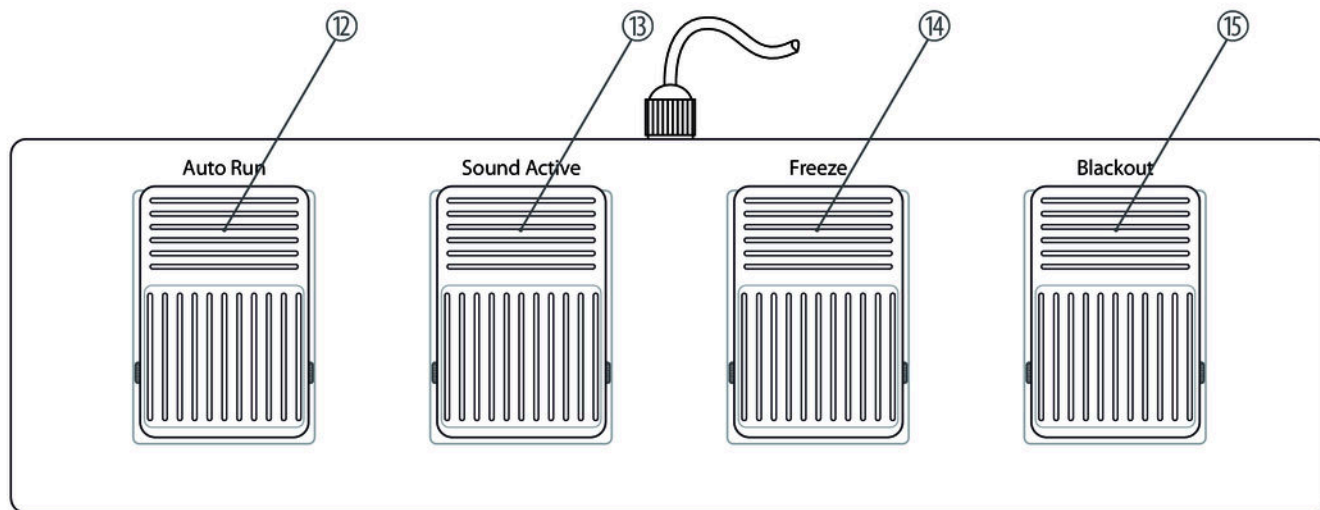


Stage Quad LED Bundle RGBW / RGBWW

|   |   |
|---|---|
| 1 | <i>[Power In]</i><br>IEC chassis plug for power supply with fuse holder.  |
| 2 | Display and function buttons.<br><i>[Mode]</i><br>Activates the main menu and toggles between menu items. Closes an opened sub menu.<br><i>[Setup]</i><br>Selects an option of the respective operating mode, confirms the set value.<br><i>[Up]</i><br>Increases the displayed value by one.<br><i>[Down]</i><br>Decreases the displayed value by one. |
| 3 | <i>[Foot switch Input]</i><br>1/4" phone socket to connect the foot controller unit   |

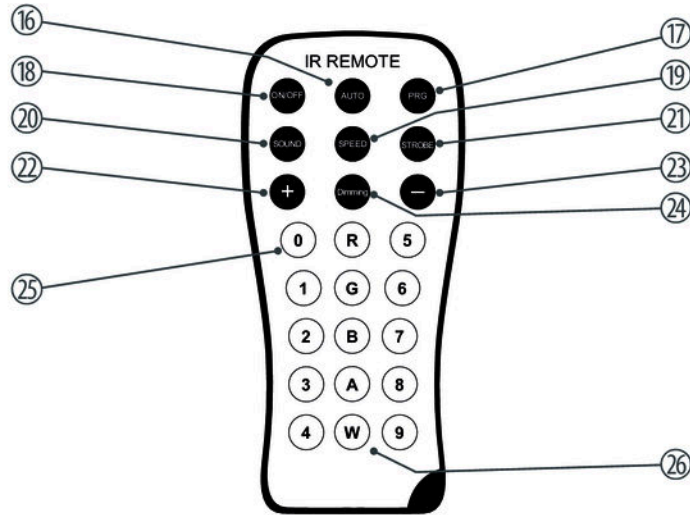
|   |  |
|---|--|
| 4 | <i>[DMX In]</i><br>DMX input.  |
| 5 | <i>[DMX Out]</i><br>DMX output   |
| 6 | <i>[IR]</i><br>Infrared sensor for the remote control signals. Make sure that the IR sensor is not obstructed. |
| 7 | <i>[Power Out]</i><br>IEC chassis socket for the power supply cable to the next unit of the same type.         |

**Foot switch unit (optionally available)**



|    |  |
|----|--|
| 10 | <i>[Auto Run]</i><br>Activates the automatic mode (playback of preprogrammed automatic shows).               |
| 11 | <i>[Sound Active]</i><br>Activates the sound-controlled mode (playback of sound-controlled automatic shows). |
| 12 | <i>[Freeze]</i><br>Pauses the running show and resumes it after a break.                                     |
| 13 | <i>[Blackout]</i><br>Blackouts all LEDs and turns them back on again.  |

**Infrared remote (optionally available)**



|    |  |
|----|--|
| 14 | <i>[AUTO]</i><br>Activates the Automatic mode.   |
| 15 | <i>[PRG]</i><br>Activates the operating mode 'Preprogrammed automatic show'. Select the desired programme with <i>[+]</i> and <i>[-]</i> . |
| 16 | <i>[ON/OFF]</i><br>Activates / deactivates the device.   |
| 17 | <i>[SPEED]</i><br>Activates the setting mode for the programme speed. Adjust the speed using <i>[+]</i> and <i>[-]</i> .                   |
| 18 | <i>[SOUND]</i><br>Activates the Sound-controlled mode. Set the sensitivity of the built-in microphone with <i>[+]</i> and <i>[-]</i> .     |
| 19 | <i>[STROBE]</i><br>Activates the setting mode for the Strobe speed. Adjust the speed using <i>[+]</i> and <i>[-]</i> .                     |
| 20 | <i>[+]</i><br>Increases the set value.   |

|    |   |
|----|---|
| 21 | <i>[-]</i><br>Decreases the set value.  |
| 22 | <i>[Dimming]</i><br>Activates the dimming function for basic colours. Set the value for each basic colour using <i>[+]</i> and <i>[-]</i> . |
| 23 | <i>[0 ... 9]</i><br>Numeric buttons for direct selection of a basic colour.   |
| 24 | <i>[R], [G], [B], [A], [W]</i><br>Buttons to select the colour shade in dimmer mode.  |



## 7 Operating

### 7.1 Starting the device

Connect the device to the power supply to start operation. After a few seconds, the display indicates that a reset is in progress. The device is then ready for use.

### 7.2 Main menu

Press *[Mode]* to activate the main menu and select an operating mode. Use *[Setup]* to select further options. Use *[Up]* and *[Down]* to change the respectively indicated value. When the display shows the desired value press *[Mode]*.

If you do not press any key for about 30 seconds, the display will be blanked. It will be reactivated to display the previously shown menu by pressing any button.

The set values are retained even when the device is disconnected from the mains power supply.

### **Operating mode 'Automatic'**

Automatic operation can only be activated when the unit is operating in stand alone mode or as master in a master / slave combination. This setting is only relevant if the device is not controlled via DMX.

Press *[Mode]* repeatedly until the display shows 'AUTO'.

## Operating mode 'Preprogrammed automatic show'

A preprogrammed automatic show can only be activated when the unit is operating in stand-alone mode or as master in a master / slave combination. This setting is only relevant if the device is not controlled via DMX.

Press *[Mode]* repeatedly until the display shows 'Pr.xx'. Press *[Setup]*. Now you can select one of the preprogrammed automatic shows. Use *[Up]* and *[Down]* to select a value between 'Pr.01' and 'Pr.22'. The following table shows the available programmes.

### Settings for programme 01:

For 'Pr.01', you can choose from 14 basic colours, maximum intensity or blackout of all LEDs. Press *[Setup]*. With *[Up]* and *[Down]* you can now select one of the following options Cyan, yellow, pink, warm white, magenta, red, orange, green, cold white, blue, pompadour, amber, light green, light blue, all LEDs with maximum intensity, blackout

To adjust the strobe frequency, press *[Setup]*. With *[Up]* and *[Down]* you can now select a value between 'SPFS00' (slow) and 'FS99' (fast).

### Settings for programmes 02 ... 22:

To adjust the speed of the selected automatic show, press *[Setup]* repeatedly until the display shows 'SPxx'. With *[Up]* and *[Down]* you can now select a value between 'SP01' (slow) and 'SP99' (fast) as well as 'SPFL' (flash effect).

To adjust the strobe frequency, press *[Setup]* repeatedly until the display shows 'FSxx'. With *[Up]* and *[Down]* you can now select a value between 'SPFS00' (slow) and 'FS99' (fast).

### **Operating mode 'Slave'**

This setting is only relevant if the device is serving as Slave in a Master / Slave configuration and is not controlled via DMX.

Press *[Mode]* repeatedly until the display shows 'SLAV' and confirm with *[Setup]*.

**DMX mode**

This setting is only relevant when the device is controlled via DMX.

Press *[Mode]* repeatedly until the display shows 'd.xxx'. Press *[Setup]*.

Now you can set the number of the first DMX channel to be used by the device (DMX address). Use *[Up]* and *[Down]* to select a value between 1 and 512 (the display shows 'd.001' ... 'd.510').

Make sure that this number matches the configuration of your DMX controller. The following table shows the highest possible DMX address for the various DMX modes.

| Mode       | Highest possible DMX address |
|------------|------------------------------|
| 2-channel  | 511                          |
| 4-channel  | 509                          |
| 5-channel  | 508                          |
| 8-channel  | 505                          |
| 10-channel | 503                          |
| 18-channel | 495                          |

Press *[Setup]*. With *[Up]* and *[Down]* you can now select one of the following DMX operating modes:

- '2-ch' (two channels)
- '4-ch' (four channels)
- '5-ch' (five channels)
- '8-ch' (eight channels)
- '10ch' (ten channels)
- '18ch' (eighteen channels)

### Sound control

A sound-controlled show can only be activated when the unit is operating in stand alone mode or as master in a master / slave combination. This setting is only relevant if the device is not controlled via DMX.

Press *[Mode]* repeatedly until the display shows 'SU.xx'. Press *[Setup]*. Press *[Up]* and *[Down]* to activate one of the available sound modes 'SO.00' ... 'SO.31'.

Press *[Setup]*. Now you can adjust the sensitivity for the sound control. Use *[Up]* and *[Down]* to select a value between 0 (low sensitivity) and 31 (high sensitivity), the display shows 'SU.00' ... 'SU.31'.

**Constant unicoloured pattern**

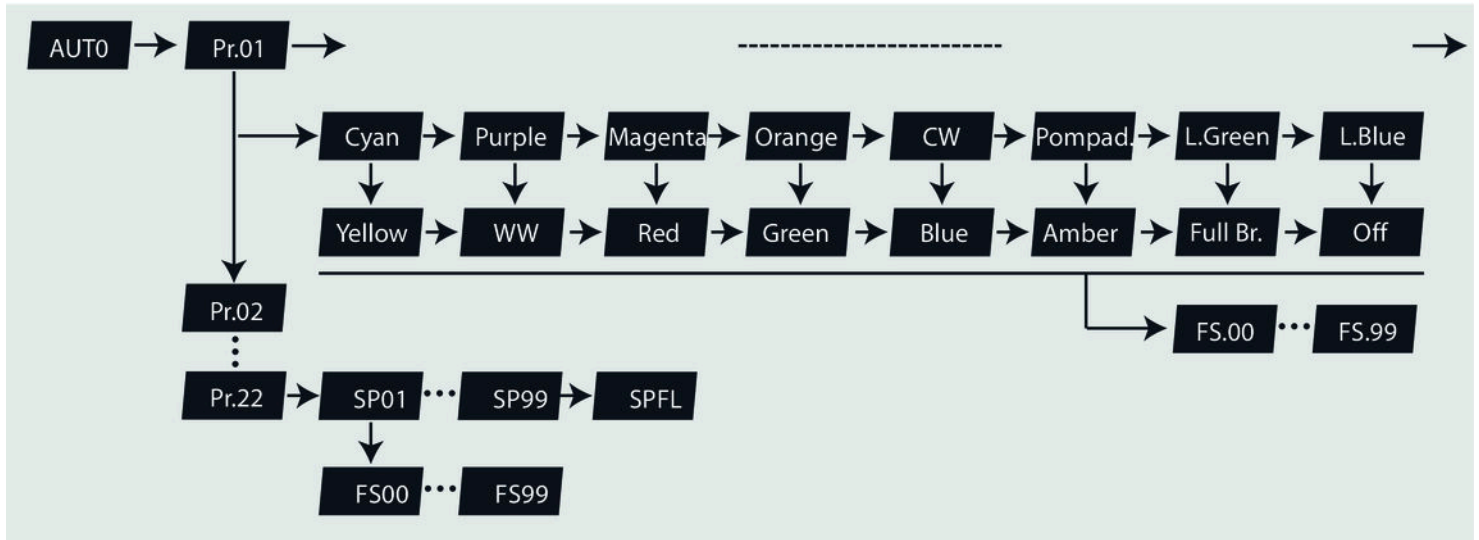
A constant unicoloured pattern can only be activated when the unit is operating in stand alone mode or as master in a master / slave combination. This setting is only relevant if the device is not controlled via DMX.

Press *[Mode]* repeatedly until the display shows 'Colr'. Press *[Setup]*.

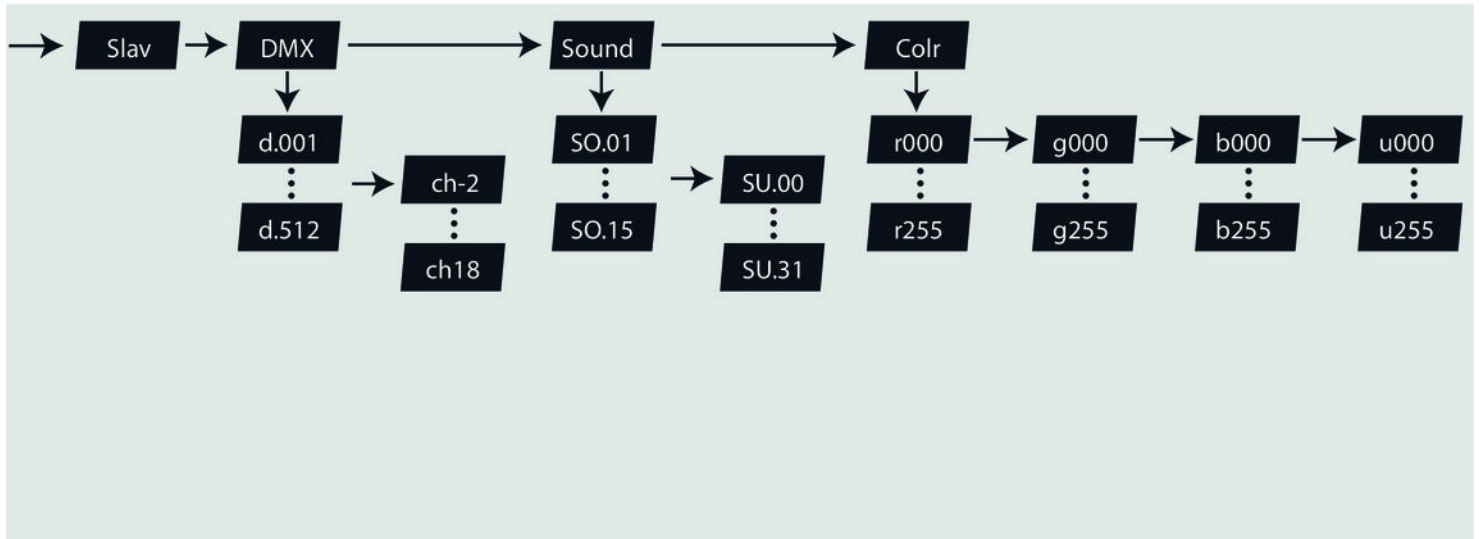
With *[Up]* and *[Down]* you can choose from the following options:

| Display             | Meaning |
|---------------------|---------|
| 'r.000' ... 'r.255' | Red     |
| 'G.000' ... 'G.255' | Green   |
| 'b.000' ... 'b.255' | Blue    |
| 'u.000' ... 'u.255' | White   |

### 7.3 Menu overview







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## 7.4 Functions in 2-channel DMX mode

| Channel | Value                                      | Function                            |
|---------|--|-------------------------------------|
| 1       | 0...10                                     | Preprogrammed automatic show Pr.01  |
|         | 11...21                                    | Preprogrammed automatic show Pr.02  |
|         |  | :                                   |
|         | 231...241                                  | Preprogrammed automatic show no. 22 |
|         | 242...255                                  | Sound-controlled show               |
| 2       | Function depending on setting of channel 1 |                                     |
|         | Channel 1 = 0...10                         |                                     |
|         | 0...16                                     | off                                 |
|         | 17...33                                    | Basic colour cyan                   |
|         | 34...50                                    | Basic colour pink                   |
|         | 51...67                                    | Basic colour magenta                |

| Channel | Value                | Function                 |
|---------|----------------------|--------------------------|
|         | 68...84              | Basic colour orange      |
|         | 85...101             | Basic colour cold white  |
|         | 102...118            | Basic colour pompadour   |
|         | 119...135            | Basic colour light green |
|         | 136...152            | Basic colour light blue  |
|         | 153...169            | Basic colour yellow      |
|         | 168...186            | Basic colour warm white  |
|         | 187...203            | Basic colour red         |
|         | 202...220            | Basic colour green       |
|         | 221...237            | Basic colour blue        |
|         | 238...254            | Basic colour amber       |
|         | 255                  | maximum brightness       |
|         | Channel 1 = 11...241 |                          |

| Channel | Value                 | Function                                 |
|---------|-----------------------|--|
|         | 0...255               | Programme speed Pr.02...Pr.22            |
|         | Channel 1 = 242...255 |  |
|         | 0...255               | Sound-controlled operation SO.01...SO.15 |

## 7.5 Functions in 4-channel DMX mode

| Channel | Value   | Function  |
|---------|---------|---|
| 1       | 0...255 | Intensity red (0 % to 100 %), for all LEDs together   |
| 2       | 0...255 | Intensity green (0 % to 100 %), for all LEDs together |
| 3       | 0...255 | Intensity blue (0 % to 100 %), for all LEDs together  |
| 4       | 0...255 | Intensity white (0 % to 100 %), for all LEDs          |

## 7.6 Functions in 5-channel DMX mode

| Channel | Value   | Function  |
|---------|---------|---|
| 1       | 0...255 | Dimmer (0 % to 100 %)                                 |
| 2       | 0...255 | Intensity red (0 % to 100 %), for all LEDs together   |
| 3       | 0...255 | Intensity green (0 % to 100 %), for all LEDs together |
| 4       | 0...255 | Intensity blue (0 % to 100 %), for all LEDs together  |
| 5       | 0...255 | Intensity white (0 % to 100 %), for all LEDs          |

## 7.7 Functions in 8-channel DMX mode

| Channel | Value   | Function  |
|---------|---------|---|
| 1       | 0...255 | Dimmer (0 % to 100 %)                               |
| 2       | 0...255 | Intensity red (0 % to 100 %), for all LEDs together |

| Channel | Value                                      | Function  |
|---------|--|---|
| 3       | 0...255                                    | Intensity green (0 % to 100 %), for all LEDs together |
| 4       | 0...255                                    | Intensity blue (0 % to 100 %), for all LEDs together  |
| 5       | 0...255                                    | Intensity white (0 % to 100 %), for all LEDs          |
| 6       | 0  | Without function                                      |
|         | 1...10                                     | Preprogrammed automatic show Pr.01                    |
|         | 11...21                                    | Preprogrammed automatic show Pr.02                    |
|         |  | :   |
|         | 231...241                                  | Preprogrammed automatic show no. 22                   |
|         | 242...255                                  | Sound-controlled show                                 |
| 7       | Function depending on setting of channel 6 |   |
|         | Channel 6 = 0...10                         |   |
|         | 1...16                                     | not lit   |
|         | 17...33                                    | Basic colour cyan                                     |

| Channel | Value     | Function                 |
|---------|-----------|--------------------------|
|         | 34...50   | Basic colour pink        |
|         | 51...67   | Basic colour magenta     |
|         | 68...84   | Basic colour orange      |
|         | 85...101  | Basic colour cold white  |
|         | 102...118 | Basic colour pompadour   |
|         | 119...135 | Basic colour light green |
|         | 136...152 | Basic colour light blue  |
|         | 153...169 | Basic colour yellow      |
|         | 168...186 | Basic colour warm white  |
|         | 187...203 | Basic colour red         |
|         | 202...220 | Basic colour green       |
|         | 221...237 | Basic colour blue        |
|         | 238...254 | Basic colour amber       |

| Channel | Value                 | Function                                 |
|---------|-----------------------|--|
|         | 255                   | maximum brightness                       |
|         | Channel 6 = 11...241  |  |
|         | 0...255               | Programme speed Pr.02...Pr.22            |
|         | Channel 6 = 242...255 |  |
|         | 0...255               | Sound-controlled operation SO.01...SO.15 |
| 8       | 0...255               | Stroboscope effect (0 % to 100 %)        |

## 7.8 Functions in 10-channel DMX mode

| Channel | Value   | Function   |
|---------|---------|--|
| 1       | 0...255 | Dimmer (0 % to 100 %)                                  |
| 2       | 0...255 | Intensity red (0 % to 100 %) for all LEDs spot 1 and 2 |



| Channel | Value   | Function   |
|---------|---------|--|
| 3       | 0...255 | Intensity green (0 % to 100 %) for all LEDs spot 1 and 2 |
| 4       | 0...255 | Intensity blue (0 % to 100 %) for all LEDs spot 1 and 2  |
| 5       | 0...255 | Intensity white (0 % to 100 %) for all LEDs spot 1 and 2 |
| 6       | 0...255 | Intensity red (0 % to 100 %) for all LEDs spot 3 and 4   |
| 7       | 0...255 | Intensity green (0 % to 100 %) for all LEDs spot 3 and 4 |
| 8       | 0...255 | Intensity blue (0 % to 100 %) for all LEDs spot 3 and 4  |
| 9       | 0...255 | Intensity white (0 % to 100 %) for all LEDs spot 3 and 4 |
| 10      | 0...255 | Stroboscope effect (0 % to 100 %)                        |

## 7.9 Functions in 18-channel DMX mode

| Channel | Value   | Function   |
|---------|---------|--|
| 1       | 0...255 | Dimmer (0 % to 100 %)                              |
| 2       | 0...255 | Intensity red (0 % to 100 %) for all LEDs spot 1   |
| 3       | 0...255 | Intensity green (0 % to 100 %) for all LEDs spot 1 |
| 4       | 0...255 | Intensity blue (0 % to 100 %) for all LEDs spot 1  |
| 5       | 0...255 | Intensity white (0 % to 100 %) for all LEDs spot 1 |
| 6       | 0...255 | Intensity red (0 % to 100 %) for all LEDs spot 2   |
| 7       | 0...255 | Intensity green (0 % to 100 %) for all LEDs spot 2 |
| 8       | 0...255 | Intensity blue (0 % to 100 %) for all LEDs spot 2  |
| 9       | 0...255 | Intensity white (0 % to 100 %) for all LEDs spot 2 |
| 10      | 0...255 | Intensity red (0 % to 100 %) for all LEDs spot 3   |
| 11      | 0...255 | Intensity green (0 % to 100 %) for all LEDs spot 3 |

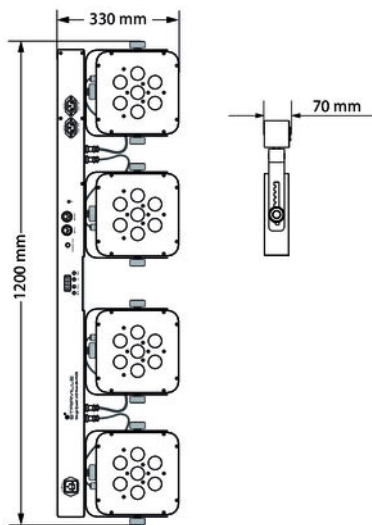
| Channel | Value   | Function   |
|---------|---------|--|
| 12      | 0...255 | Intensity blue (0 % to 100 %) for all LEDs spot 3  |
| 13      | 0...255 | Intensity white (0 % to 100 %) for all LEDs spot 3 |
| 14      | 0...255 | Intensity red (0 % to 100 %) for all LEDs spot 4   |
| 15      | 0...255 | Intensity green (0 % to 100 %) for all LEDs spot 4 |
| 16      | 0...255 | Intensity blue (0 % to 100 %) for all LEDs spot 4  |
| 17      | 0...255 | Intensity white (0 % to 100 %) for all LEDs spot 4 |
| 18      | 0...255 | Stroboscope effect (0 % to 100 %)                  |

## 7.10 Reset to factory defaults

Proceed as follows to reset the device to factory defaults:

1. ➤ Switch off the device.
2. ➤ Switch the device back on and keep *[Mode]* and *[Setup]* pressed for about 2 seconds.

## 8 Technical specifications



|                        |   | <b>Stage Quad LED Bundle RGBW</b><br><b>Item no. 406030</b> | <b>Stage Quad LED Bundle RGBWW</b><br><b>Item no. 404465</b> |
|------------------------|---|---|--|
| Light source           |   | 28 × RGBW LED,<br>4 W each                                  | 28 × RGBWW LED,<br>4 W each                                  |
| Optical properties     | Beam angle                              | 40°   |  |
| Control                | DMX                                     |   |  |
|                        | IR remote control (optional)            |   |  |
|                        | Foot switch unit (optionally available) |   |  |
| Number of DMX channels |   | 2, 4, 5, 8, 10, 18  |  |
| Input connections      | Voltage supply                          | IEC chassis plug C14  |  |
|                        | DMX control                             | XLR chassis socket, 3-pin                                   |  |
|                        | Foot controller unit                    | 1/4" jack socket  |  |

|                        |                | <b>Stage Quad LED Bundle RGBW</b><br>Item no. 406030 | <b>Stage Quad LED Bundle RGBWW</b><br>Item no. 404465 |
|------------------------|----------------|--|---|
| Output connections     | Voltage supply | 2 × IEC chassis plug C13                             |   |
|                        | DMX control    | XLR chassis socket, 3-pin                            |   |
| Power consumption      |                | 110 W  |   |
| Supply voltage         |                | 100 – 240 V ~ 50/60 Hz                               |   |
| Fuse                   |                | 5 mm × 20 mm, 2 A, 250 V, slow-blow                  |   |
| Degree of protection   |                | IP20   |   |
| Mounting options       |                | Stand<br>M8 thread on the top side                   |   |
| Dimensions (W × H × D) |                | 1200 mm × 330 mm × 70 mm                             |   |
| Weight                 |                | 12.5 kg  |   |

Stage Quad LED Bundle RGBW / RGBWW

|                    |                   | <b>Stage Quad LED<br/>Bundle RGBW</b> | <b>Stage Quad LED<br/>Bundle RGBWW</b> |
|--------------------|-------------------|---------------------------------------|--|
|                    |                   | <b>Item no. 406030</b>                | <b>Item no. 404465</b>                 |
| Ambient conditions | Temperature range | 0 °C...40 °C                          |  |
|                    | Relative humidity | 50 %, non condensing                  |  |

**Further information**

|                         | <b>Stage Quad<br/>LED Bundle RGBW<br/>Item no. 406030</b> | <b>Stage Quad<br/>LED Bundle RGBWW<br/>Item no. 404465</b> |
|-------------------------|---|--|
| Spotlight included      | Yes   | Yes  |
| Effect devices included | No  | No   |
| LED bars included       | No  | No   |
| Control included        | No  | No   |
| Stand included          | No  | No   |
| Case/bag included       | Yes   | Yes  |

## 9 Plug and connection assignments

### Introduction

This chapter will help you select the right cables and plugs to connect your valuable equipment so that a perfect light experience is guaranteed.

Please take our tips, because especially in 'Sound & Light' caution is indicated: Even if a plug fits into a socket, the result of an incorrect connection may be a destroyed DMX controller, a short circuit or 'just' a not working light show!

### DMX connections



The unit offers a 3-pin XLR socket for DMX output and a 3-pin XLR plug for DMX input. Please refer to the drawing and table below for the pin assignment of a suitable XLR plug.

| Pin | Configuration                         |
|-----|---------------------------------------|
| 1   | Ground, shielding                     |
| 2   | Signal inverted (DMX-, 'cold signal') |
| 3   | Signal (DMX+, 'hot signal')           |



## 10 Cleaning

### Optical lenses

Clean the optical lenses, that are accessible from the outside, regularly in order to optimize the light output. The frequency of cleaning depends on the operating environment: wet, smoky or particularly dirty surroundings can cause more accumulation of dirt on the optics of the device.

- Clean with a soft cloth using our lamp and lens cleaner (item no. 280122).
- Always dry the parts carefully.

### Fan grids

The fan grids of the device must be cleaned of any contamination, such as dust, etc. on a regular basis. Before cleaning, switch off the device and disconnect mains-operated devices from the mains. Only use pH-neutral, solvent-free and non-abrasive cleaning agents. Clean the unit with a slightly damp lint-free cloth.

## 11 Protecting the environment

### Disposal of the packaging material



For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling.

Ensure that plastic bags, packaging, etc. are properly disposed of.

Do not just dispose these materials with your normal household waste, but make sure that they are fed to a recovery. Please follow the notes and markings on the packaging.

### Disposal of batteries



Batteries must not be disposed of as domestic waste or thrown into fire. Dispose of the batteries according to national or local regulations regarding hazardous waste. To protect the environment, dispose of empty batteries at your retail store or at appropriate collection sites.

### Disposal of your old device



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose with your normal household waste.

Dispose this device through an approved waste disposal firm or through your local waste facility. When discarding the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.



Stage Quad LED Bundle RGBW / RGBWW





