STAIRVILLE

EP1080 Event Panel 1080 RGB

LED floodlight

th•mann
MUSIC IS OUR PASSION

user manual

Musikhaus Thomann
Thomann GmbH
Hans-Thomann-Straße 1
96138 Burgebrach
Germany
Telephone: +49 (0) 9546 9223-0
E-mail: info@thomann.de
Internet: www.thomann.de

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Table of contents

1 General notes

This manual contains important instructions for the safe operation of the unit. Read and follow the safety instructions and all other instructions. Keep the manual for future reference. Make sure that it is available to all those using the device. If you sell the unit please make sure that the buyer also receives this manual.

Our products are subject to a process of continuous development. Thus, they are subject to change.

1.1 Further information

On our website (*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'*.

Cross-references

References to other locations in this manual are identified by an arrow and the specified page number. In the electronic version of the manual, you can click the cross-reference to jump to the specified location.

Example: See *'Cross-references' on page 7*.

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
DANGER!	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.
WARNING!	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.
NOTICE!	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 – suspended load.
	Warning – danger zone.

2 Safety instructions

Intended use

This device is intended to be used as an electronic illumination effect using LED technics. 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.

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 cover the device nor any ventilation slots. Do not place 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.

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 staining

The plasticiser contained in the rubber feet of this product may possibly react with the coating of your parquet, linoleum, laminate or PVC floor and after some time cause permanent dark stains.

In case of doubt, do not put the rubber feet directly on the floor, but use felt-pad floor protectors or a carpet.

3 Features

The LED floodlight is particularly suitable for lighting applications in clubs and discotheques, on rock stages, in theatres and musicals. It can also be used for effect lighting of stage backgrounds.

Special features of the device:

- 1080 tri-colour SMD LEDs
- Control via DMX (seven different modes) and via buttons and display on the unit
- Eight preprogrammed automatic shows
- Sound control
- Master / Slave mode
- Robust metal housing with compact design
- LED panel with adjustable tilt angle
- Versatile placement and mounting options
- PowerCON in and output (loop-through for powering other devices)
- Mounting bracket with quick connectors supplied

4 Installation

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

You can install the device standing or hanging. When in use, the device must be mounted at a solid surface or clamped to an approved truss.

Work from a stable platform whenever you install or move the device or when you perform any kind of maintenance. Block access under the work area.

WARNING!

Risk of injury caused by falling objects

Make sure that the installation complies with the standards and rules that apply in your country. Always secure the device with a secondary safety attachment, such as a safety cable or a safety chain.

NOTICE!

Risk of overheating

Always ensure sufficient ventilation.

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

NOTICE!

Possible data transmission errors

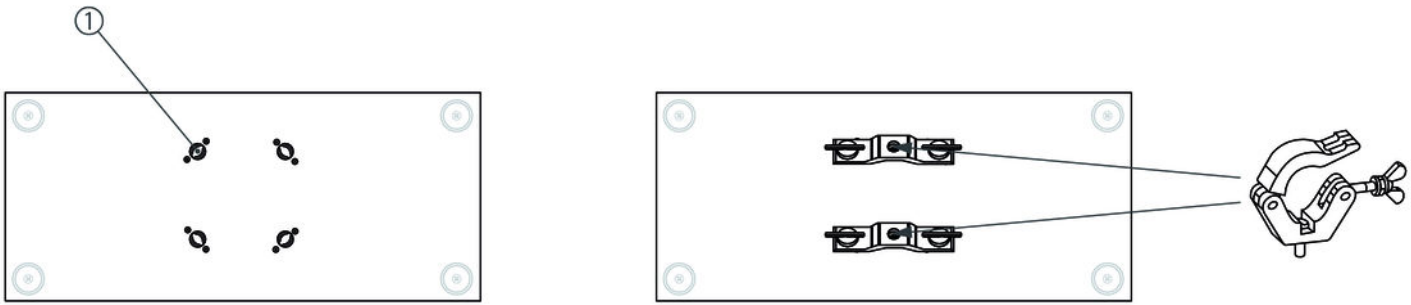
For error-free operation make use of dedicated DMX cables and do not use ordinary microphone cables.

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

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

Mounting options

The quick lock openings on the housing bottom are used for secure attachment of the supplied Omega brackets. Here you can connect flight adapters (such as C-hooks). The safety cable must be guided through this safety eyelet *Chapter 6 'Connections and operating elements' on page 23*.



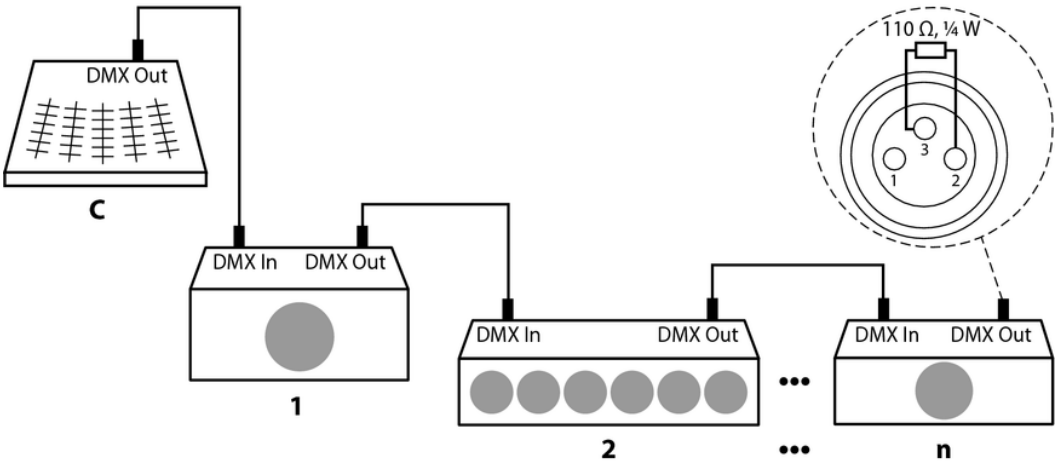
1	Quick lock openings for Omega brackets

5 Starting up

Establish all connections as long as the unit is switched off. Use the shortest possible high-quality cables for all connections.

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 Ω, ¼ W).



DMX indicator

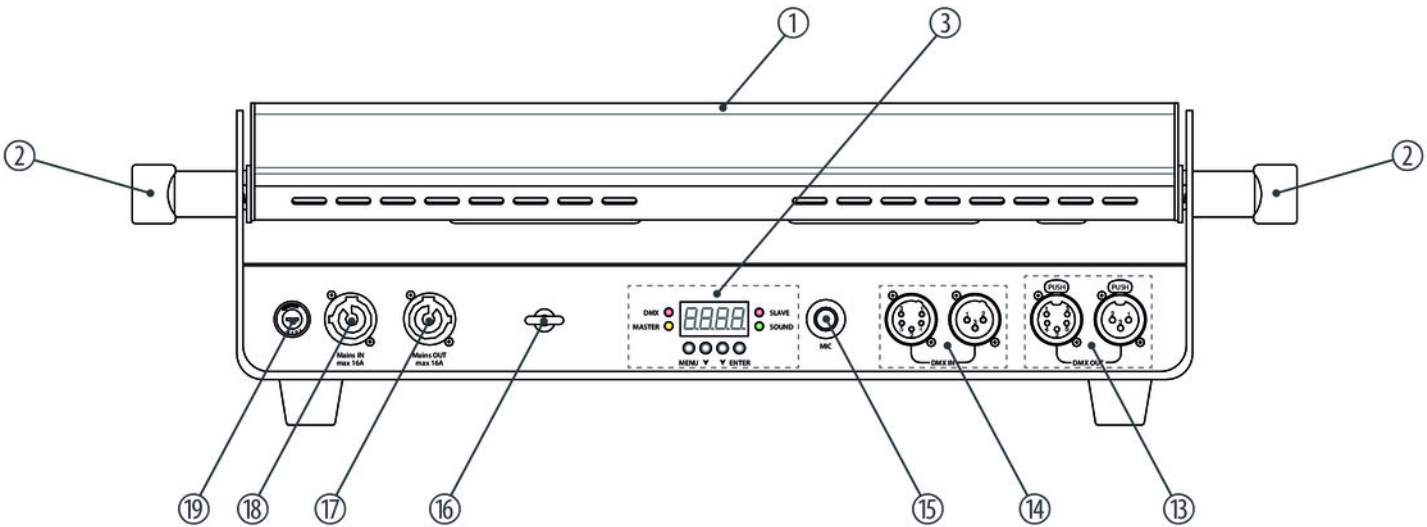
If the unit is in DMX mode and a DMX controller is connected and turned on, the *[DMX]* LED lights.

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 operating elements

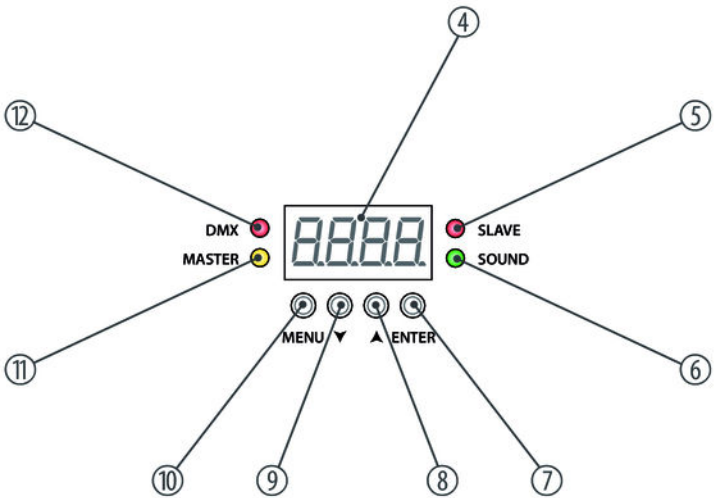
Rear panel



1	LED panel with adjustable tilt angle.
2	Locking screws for the LED panel.
3	Operating panel.
13	*[DMX OUT]* DMX output in three and five-pole design.
14	*[DMX IN]* DMX input in three and five-pole design.
15	*[MIC]* Microphone for sound control.
16	Safety eyelet.
17	*[Mains OUT]* Gray lockable powerCON output socket (NAC3FCB). This output is looped through from the blue input socket *[Mains IN]*. Here you can connect the power supply for further devices.

18	*[Mains IN]* Blue lockable powerCON input socket (NAC3FA) for mains connection.
19	Fuse holder. If the fuse blows, replace it with a new fuse of the same type. You must first disconnect the device from the power supply.

Operating panel



4	Display.
5	*[SLAVE]* The red control LED indicates that the device is in ‘Slave’ mode.
6	*[SOUND]* The green control LED indicates that the Sound Control function is enabled.
7	Button *[ENTER]* Selects an option of the respective operating mode, confirms the set value.
8	Button ▲ Navigates upwards in a menu list. Increases the displayed value by one.
9	Button ▼ Navigates downwards in a menu list. Decreases the displayed value by one.
10	*[MENU]* button Activates the main menu and toggles between menu items. Closes an opened submenu.

11	*[MASTER]* The yellow control LED indicates that the device is in ‘Master’ mode.
12	*[DMX]* The red control LED indicates that a signal is present at the DMX input.

7 Operating

7.1 Starting the device

Connect the device to the power supply to start operation. After a few seconds, the fans start and the display indicates that a reset is in progress. The device is then ready for use. The display shows the operating mode that was selected when the unit was last powered off.

7.2 Main menu

Press *[MENU]* to activate the main menu and select an operating mode. Use ▲ and ▼ to change the respectively displayed value. When the display shows the desired value, press *[ENTER]*.

If you don't press any button for about 1 minute, the menu will be closed without applying the changes. The set values are retained as long as the device is connected to the mains power supply.

Operating mode 'Preprogrammed automatic show'

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

Press *[MENU]* repeatedly until the display shows *'ShNd'*. Now you can select one of the preprogrammed automatic shows. Use ▲ and ▼ to select a value between *'Sh 0'* and *'Sh 8'* or *'FAde'*.

To adjust the speed of the selected auto show, press *[ENTER]* repeatedly until the display indicates *'SPxx'*. Now use ▲ and ▼ to select a value between *'SP 1'* (fast) and *'SP 8'* (slow).

Press *[ENTER]* to apply the settings. Press *[MENU]* for about one second or wait for about eight seconds to close the menu without changes.

DMX address

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

Press *[MENU]* repeatedly until the display shows *'Addr'*. Press *[ENTER]*.

Now you can set the number of the first DMX channel to be used by the device (DMX address). Use ▲ and ▼ to select a value between 1 and 512.

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

Mode	Highest possible DMX address
'Nod1' (4 channels)	509
'Nod2' (4 channels)	509
'Nod3' (4 channels)	509
'Nod4' (4 channels)	509
'Nod5' (6 channels)	507
'Nod6' (3 channels)	510
'Nod7' (1 channel)	512

Press *[ENTER]* to apply the settings. Press *[MENU]* for about one second or wait for about eight seconds to close the menu without changes.

DMX mode

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

Press *[MENU]* repeatedly until the display shows *'ChNd'*. Press *[ENTER]*. Now use ▲ and ▼ to select one of the following DMX operating modes:

Mode
'Nod1' (4 channels)
'Nod2' (4 channels)
'Nod3' (4 channels)
'Nod4' (4 channels)
'Nod5' (6 channels)
'Nod6' (3 channels)
'Nod7' (1 channel)

Press *[ENTER]* to apply the settings. Press *[MENU]* for about one second or wait for about eight seconds to close the menu without changes.

Operating mode 'Master / Salve'

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

Press *[MENU]* repeatedly until the display shows *'SLNd'*. Press *[ENTER]*. Now use ▲ and ▼ to choose from the following options:

- *'NASt'*: The device works as 'Master' and controls other devices that follow as 'Slave'.
- *'SL 1'*: The device follows as 'Slave' in group 1 exactly the operation of the 'Master' to which it is connected.
- *'SL 2'*: The device follows as 'Slave' in group 2 exactly the operation of the 'Master' to which it is connected.
- *'SL 3'*: The device follows as 'Slave' in group 3 exactly the operation of the 'Master' to which it is connected.
- *'SL 4'*: The device follows as 'Slave' in group 4 exactly the operation of the 'Master' to which it is connected.

Press *[ENTER]* to apply the settings. Press *[MENU]* for about one second or wait for about eight seconds to close the menu without changes.

Colour transition

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

Press *[MENU]* repeatedly until the display shows *'CoNd'*. Press *[ENTER]*. Now use ▲ and ▼ to choose between fast colour transition (*'CoJP'*, colour jump) and gradual colour transition (*'CoFd'*, colour fade).

Press *[ENTER]* to apply the settings. Press *[MENU]* for about one second or wait for about eight seconds to close the menu without changes.

Sound control

A sound controlled 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 *[MENU]* repeatedly until the display shows *'SoUn'*. Press *[ENTER]*. Now use ▲ and ▼ to enable (*'on'*) or disable (*'oFF'*) the Sound Control function.

Press *[ENTER]* to apply the settings. Press *[MENU]* for about one second or wait for about eight seconds to close the menu without changes.

Blackout

Press *[MENU]* repeatedly until the display shows *'bLNd'*. Press *[ENTER]*. Now use ▲ and ▼ to blackout the LEDs (*'YES'*) or to turn them back on again (*'no'*).

Press *[ENTER]* to apply the settings. Press *[MENU]* for about one second or wait for about eight seconds to close the menu without changes.

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 *[MENU]* repeatedly until the display shows *'CoLo'*.

Press *[ENTER]*. Now use ▲ and ▼ to choose between one of 16 pre-defined colours (display shows *'Co 1'* … *'Co16)'*) and one user-defined mixed colour (display shows *'MAnU'*). If you have chosen the user-defined mixed colour press *[ENTER]*. Now you can specify how the mixed colour is composed of the three primary colours red, green and blue. Here you can set a range of 0 (dark) to 255 (full brightness) for each primary colour.

Press *[ENTER]* to apply the settings. Press *[MENU]* for about one second or wait for about eight seconds to close the menu without changes.

Display blackout

Press *[MENU]* repeatedly until the display shows *'Led'*. Press *[ENTER]*.

To enable the Blackout function press ▲ or ▼ repeatedly until the display shows *'oFF'*. Press *[ENTER]*. From now on the display goes out if you do not press a button within a period of two minutes. Once you press any button, the display becomes active again.

To permanently turn on the display, press ▲ or ▼ repeatedly until the display shows *'on'*. Press *[ENTER]*.

Press *[MENU]* for about one second or wait for about eight seconds to close the menu without changes.

Display reversal

Press *[MENU]* repeatedly until the display shows *'dISP'*. Press *[ENTER]*. Now use ▲ and ▼ to toggle between *'dSIP'* (text appears in the display upside down) and *'dISP'* (text appears normally in the display).

Press *[ENTER]* to apply the settings. Press *[MENU]* for about one second or wait for about eight seconds to close the menu without changes.

Temperature display

Press *[MENU]* repeatedly until the display shows *'teNP'*. Press *[ENTER]*. The last two digits in the display show the temperature of the device in degrees Celsius.

Press *[ENTER]* or *[MENU]* to close the temperature display.

White balance

Press *[MENU]* repeatedly until the display shows *'bALA'*. Press *[ENTER]*.

With ▲ and ▼ you can now select the primary colour you want to set: *'red'*, *'Gree'*, *'bLue'*. Press *[ENTER]* again. With ▲ and ▼ you can now set a value between 125 and 255 for the selected colour.

Press *[ENTER]* to apply the settings. Press *[MENU]* for about one second or wait for about eight seconds to close the menu without changes.

Operating hours display

Press *[MENU]* repeatedly until the display shows *'FhrS'*. Press *[ENTER]*. The display shows how long the device has been already in operation.

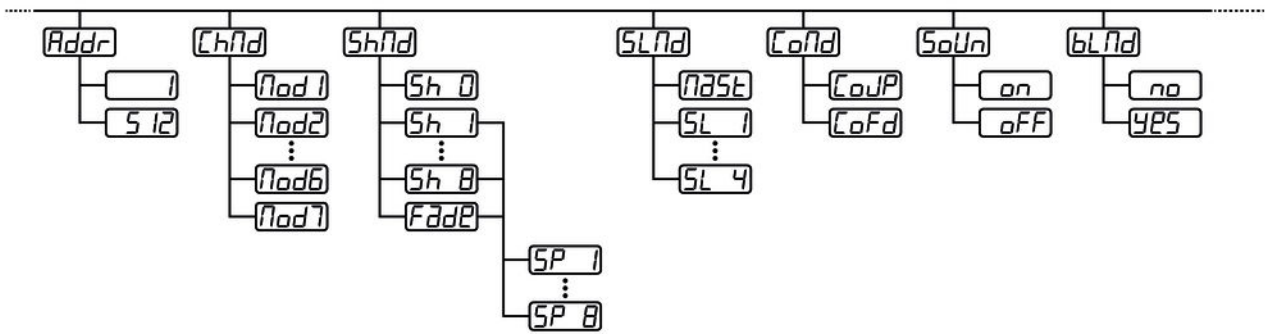
Press *[MENU]* to close the operating hours counter.

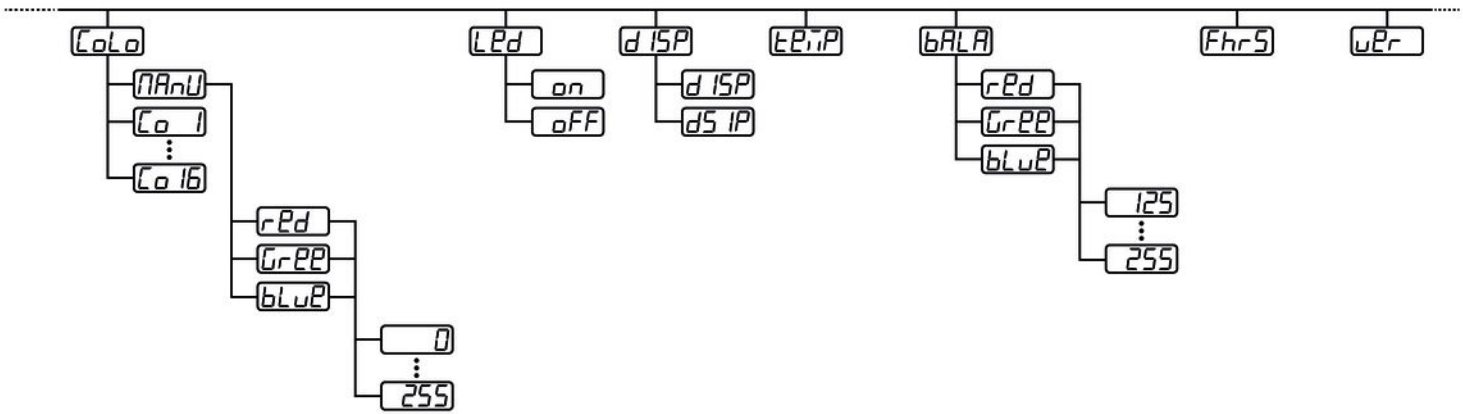
Software version

Press *[MENU]* repeatedly until the display shows *'ver'*. Press *[ENTER]*. The display shows the current software version used by the device.

Press *[MENU]* to close the software version display.

7.3 Menu overview




CoLo
LEd
d ISP
tEMP
bALA
FhrS
uEr
MAnU
Co 1
Co 16
on
oFF
d ISP
dS IP
rEd
GrEE
bLuE
0
255
rEd
GrEE
bLuE
125
255

7.4 Mode 1 functions

Channel	Value	Function
1	0 … 255	Intensity Red (0 % to 100 %)
2	0 … 255	Intensity Green (0 % to 100 %)
3	0 … 255	Intensity Blue (0 % to 100 %)
4	Dimmer / Strobe	
	0 … 7	LEDs off
	8 … 190	Dimmer (0 % to 100 %)
	191 … 200	Sound-controlled strobe effect
	201 … 247	Strobe effect, increasing speed
	248 … 255	LEDs on

7.5 Mode 2 functions

Channel	Value	Function
1	0 … 255	Intensity Red (0 % to 100 %)
2	0 … 255	Intensity Green (0 % to 100 %)
3	0 … 255	Intensity Blue (0 % to 100 %)
4	0 … 255	Dimmer (0 % to 100 %)

7.6 Mode 3 functions

Channel	Value	Function
1	0 … 255	Intensity Red (0 % to 100 %)
2	0 … 255	Intensity Green (0 % to 100 %)
3	0 … 255	Intensity Blue (0 % to 100 %)

Channel	Value	Function
4	Dimmer / Strobe	
	0 … 160	Dimmer (0 % to 100 %)
	161 … 255	Strobe effect, increasing speed

7.7 Mode 4 functions

Channel	Value	Function
1	0 … 255	Intensity Red (0 % to 100 %), if channel 4 = 0 … 199
2	0 … 255	Intensity Green (0 % to 100 %), if channel 4 = 0 … 199
3	0 … 255	Intensity Blue (0 % to 100 %), if channel 4 = 0 … 199
4	Dimmer / Strobe	
	0 … 127	Dimmer (0 % to 100 %)

Channel	Value	Function
	128 … 199	Strobe effect, increasing speed
	200 … 255	Automatic colour change with gradual transition, increasing speed

7.8 Mode 5 functions

Channel	Value	Function
1	0 … 255	Intensity Red (0 % to 100 %), if channel 5 = 0 … 7
2	0 … 255	Intensity Green (0 % to 100 %), if channel 5 = 0 … 7
3	0 … 255	Intensity Blue (0 % to 100 %), if channel 5 = 0 … 7
4	0 … 255	Dimmer (0 % to 100 %)
5	Colour selection	
	0 … 7	User-defined colour mixture, colour selection with channels 1 to 3.

Channel	Value	Function
	8 … 15	Colour 1
	16 … 23	Colour 2
	24 … 30	Colour 3
	31 … 38	Colour 4
	39 … 46	Colour 5
	47 … 54	Colour 6
	55 … 61	Colour 7
	62 … 69	Colour 8
	70 … 77	Colour 9
	78 … 84	Colour 10
	85 … 92	Colour 11
	93 … 100	Colour 12
	101 … 108	Colour 13

Channel	Value	Function
	109 … 115	Colour 14
	116 … 123	Colour 15
	124 … 131	Colour 16
	132 … 139	Colour 17
	140 … 146	Colour 18
	147 … 154	Colour 19
	155 … 162	Colour 20
	163 … 169	Colour 21
	170 … 177	Colour 22
	178 … 185	Colour 23
	186 … 193	Colour 24
	194 … 200	Colour 25
	201 … 208	Colour 26

Channel	Value	Function
	209 … 216	Colour 27
	217 … 223	Colour 28
	224 … 231	Colour 29
	232 … 239	Colour 30
	240 … 247	Colour 31
	248 … 255	Colour 32
6	Strobe effect	
	0 … 7	LEDs off
	8 … 15	LEDs on, no strobe effect
	16 … 131	Strobe effect, increasing speed
	132 … 139	LEDs on, no strobe effect
	140 … 181	Strobe effect with slow rising and rapid drop of brightness, increasing speed
	182 … 189	LEDs on, no strobe effect

Channel	Value	Function
	190 … 231	Strobe effect with fast rising and slow drop of brightness, increasing speed
	232 … 239	LEDs on, no strobe effect
	240 … 247	Random Strobe effect
	248 … 255	LEDs on, no strobe effect

7.9 Mode 6 functions

Channel	Value	Function
1	0 … 255	Intensity Red (0 % to 100 %)
2	0 … 255	Intensity Green (0 % to 100 %)
3	0 … 255	Intensity Blue (0 % to 100 %)

7.10 Mode 7 functions

Channel	Value	Function
1	0 … 14	LEDs off
	16 … 31	Red
	32 … 47	Yellow
	48 … 63	Green
	64 … 79	Cyan
	80 … 95	Blue
	96 … 111	Magenta
	112 … 127	White
	128 … 191	Automatic colour change with sudden transition, increasing speed
	192 … 255	Automatic colour change with gradual transition, increasing speed

8 Technical specifications

Number of DMX channels	1, 3, 4 or 6 channels, according to operating mode
Illuminant	1080 tri-colour SMD LEDs
Dispersion angle	approx. 135°
Operating supply voltage	AC 100 … 240 V~, 50/60 Hz
Power consumption	247 W
Fuse	5 mm × 20 mm, 6.3 A, 250 V, slow-blow
Dimensions (W × H × D) with flat adjusted LED Panel	515 mm× 225 mm× 142 mm
Weight	8.9 kg

9 Plug and connection assignment

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')

DMX connections

A five-pin XLR socket serves as DMX output, a five-pin XLR plug serves as DMX input. The drawing below and the table show the pin assignment of a matching coupling.

Pin	Assignment
1	Ground (shielding)
2	Signal inverted (DMX–, 'cold')
3	Signal (DMX+, 'hot')
4	unused / second connection (DMX–)
5	unused / second connection (DMX+)

10 Troubleshooting

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.

In the following we list a few common problems that may occur during operation. We give you some suggestions for easy troubleshooting:

Symptom	Remedy
The unit does not work, no light, the display is dark	Check the mains connection and the main fuse.
Apparently no function despite proper power supply	Check if the unit is in DMX mode or in ‘slave’ mode. If so, check the unit in another mode.
No response to the DMX controller	1. If the unit is in DMX mode and a DMX controller is connected and turned on, the *[DMX]* control LED lights. If it doesn't, no valid DMX signal is received. Check that the DMX controller is switched on. Check the DMX connectors and cables for proper connection.
	2. If the *[DMX]* control LED lights and yet there is no response, check the address settings and the DMX polarity.
	3. Try using another DMX controller.
	4. Check to see if the DMX cables run near or alongside to high voltage cables that may cause damage or interference to DMX interface circuits.

If the procedures recommended above do not succeed, please contact our Service Center. You can find the contact information at *www.thomann.de*.

11 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 on a regular basis to remove dust and dirt. Before cleaning, switch off the device and disconnect AC-powered devices from the mains. Use a lint-free damp cloth for cleaning. Never use solvents or alcohol for cleaning.

12 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 of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.

Disposal of your old device

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

Dispose of 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.

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