



Tri Flat PAR Profile 5x3W RGB 25°, 45°

LED PAR

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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.

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'.

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 – dangerous optical radiation.
	Warning – suspended load.
	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 only 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 operating life of the device by regular breaks and by avoiding frequent switching on and off. The device is not suitable for continuous operation.

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.



NOTICE!

Fire hazard due to exceedance of the maximum current

The device can power other devices of identical construction. The current consumption of all other devices connected in series must not exceed the values indicated in the technical specifications. Otherwise you risk injuries and irreparable damages to the device. Only connect so many identical devices that the maximum current consumption is not exceeded. Ensure the sufficient dimensioning (wire cross section) of the power cables used for all devices connected in series.



NOTICE!

Risk of fire due to incorrect polarity

- Incorrectly inserted batteries may destroy the device or the batteries. Ensure that proper polarity is observed when inserting batteries.



NOTICE!

Possible damage by leaking batteries

- Leaking batteries can cause permanent damage to the device. Take batteries out of the device if it is not going to be used for a longer period.



NOTICE!

Possible staining

- The plasticiser contained in the rubber feet of this product may possibly react with the coating of your surface and after some time cause permanent dark stains. In case of doubt, do not put the rubber feet directly on the surface and use a suitable underlay if necessary, i.e. felt pads or similar.

3 Features

The LED PAR is particularly suitable for professional lighting tasks, for example at events, on rock stages, in theatres and musicals. It's characterized by low power consumption and long service life.

Special features of the device:

- Five three-colour LEDs (red, green, blue), 3 W each
- Control via DMX (three different modes), via buttons and display on the device and supplied IR remote control (item no. 322277)
- Eleven preprogrammed automatic shows
- Sound control
- Master / slave mode
- Robust metal housing

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.



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

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.



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

Mounting options

You can install the device in hanging or standing position. When in use, the device must always be attached to a solid surface or an approved truss. Use the openings provided on the two-piece bracket for attaching.

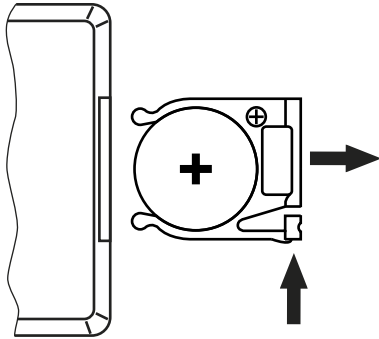
Always work from a stable platform whenever installing, moving or servicing the device. In doing so, the area underneath the device must be cordoned off.

The safety cable must be attached to the bracket.

Infrared sensor for the remote control

The infrared sensor for the remote control signals is located on the front panel near the central LED. Make sure it's not obstructed.

Inserting the battery into the remote control



Press the lock of the battery holder to the centre of the housing and pull out the battery holder like a drawer. Insert the battery. The battery is correct if the positive pole points to the housing base of the remote control. Slide the battery holder back into the remote until it clicks into place.

When shipping, the battery is already installed in the remote and protected against discharge by a transparent plastic foil. Remove the plastic foil prior to first use.



NOTICE!

Risk of fire due to incorrect polarity

Incorrectly inserted batteries may destroy the device or the batteries.

Ensure that proper polarity is observed when inserting batteries.



NOTICE!

Possible damage by leaking batteries

Leaking batteries can cause permanent damage to the device.

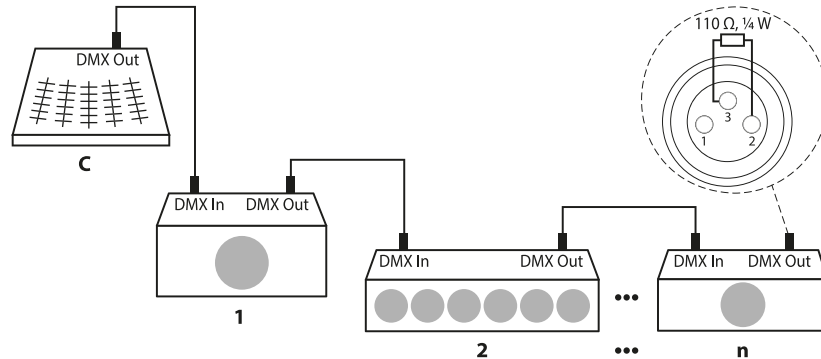
Take batteries out of the device if it is not going to be used for a longer period.

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 ($110\ \Omega$, $\frac{1}{4}\text{ W}$).



DMX indicator

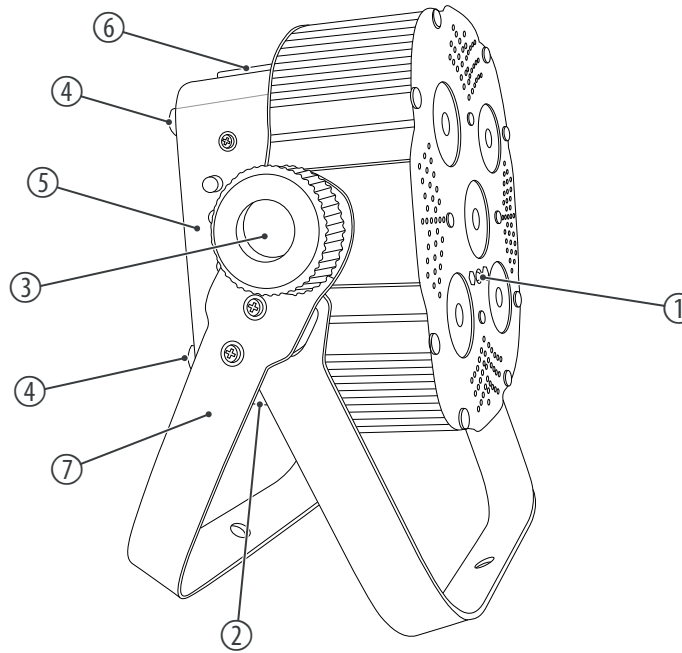
If the unit is in DMX mode and a DMX controller is connected and turned on, the 'd' is flashing in the first digit of the display.

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.

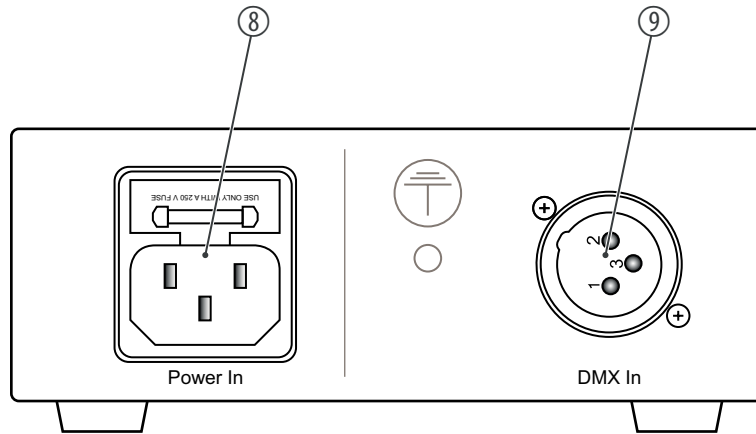
6 Connections and operating elements

Overview



1	Infrared sensor for the remote control signals
2	Bottom side with outputs (DMX and power supply for other devices)
3	Locking screws for the mounting brackets
4	Rubber feet for floor placement
5	Operating elements at the side
6	Top side with inputs (DMX and power supply)
7	Mounting brackets for floor placement or hanging

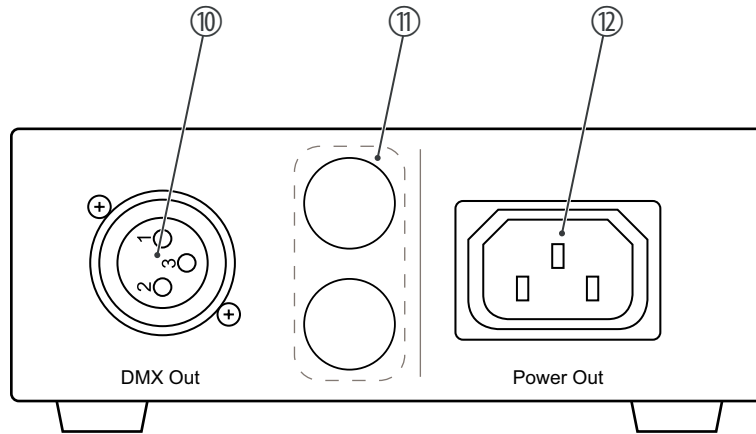
Top side



8 [POWER In] | IEC chassis plug for power supply with fuse holder

9 [DMX IN] | DMX input

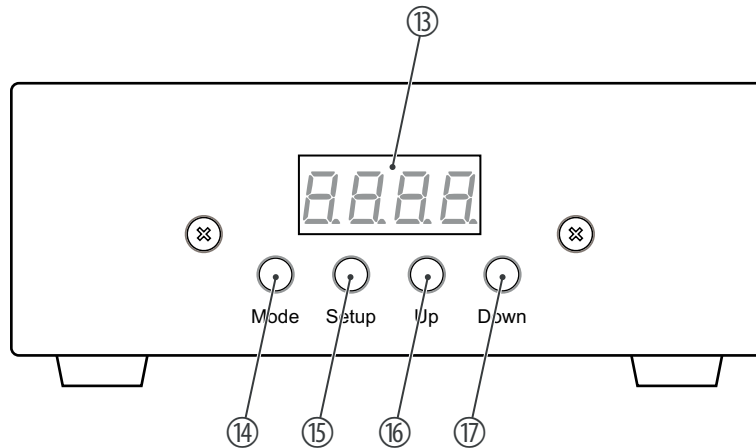
Bottom side



10 [DMX Out] | DMX output

11 Openings for safety cable

12 [POWER Out] | IEC chassis socket for the power supply cable to the next unit

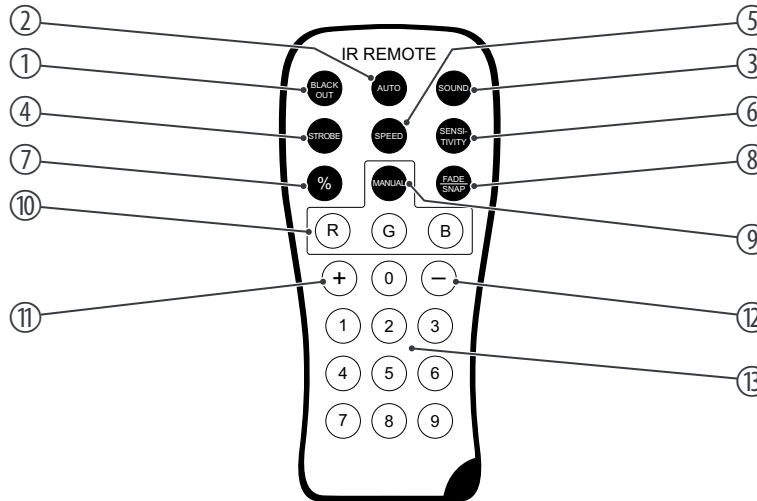
Lateral operating elements

- | | |
|----|---|
| 13 | Display |
| 14 | [<i>Mode</i>] activates the main menu and toggles between menu items. |
| 15 | [<i>Setup</i>] selects an option of the respective operating mode. |
| 16 | [<i>Up</i>] navigates upwards in a menu list. Increases the displayed value by one. |
| 17 | [<i>Down</i>] navigates downwards in a menu list. Decreases the displayed value by one. |

Infrared remote control (item no. 322277)



Since the universal remote control can be used for several device types, some buttons may not be assigned and therefore have no function.



1	<i>[BLACK OUT]</i> enables or disables blackout.
2	<i>[AUTO]</i> activates the 'Automatic' mode.
3	<i>[SOUND]</i> activates the 'Sound-control' mode.
4	<i>[STROBE]</i> enables or disables the strobe effect with the last selected colour.
5	<i>[SPEED]</i> enables the setting mode for the strobe speed. Adjust the speed using <i>[+]</i> and <i>[-]</i> .
6	<i>[SENSITIVITY]</i> enables the setting mode for the sound control. Set the sensitivity of the built-in microphone with <i>[+]</i> and <i>[-]</i> .
7	<i>[%]</i> resets the displayed value to zero when adjusting values (strobe speed, sensitivity of the sound control).
8	<i>[FADE / SNAP]</i> no function
9	<i>[MANUAL]</i> activates the display of a constant colour, that can either be mixed individually with <i>[R]</i> , <i>[G]</i> and <i>[B]</i> from the basic colours, or selected directly with one of the coloured buttons.
10	<i>[R]</i> , <i>[G]</i> , <i>[B]</i> sets the intensity of the three primary colours red, green and blue when a constant colour is displayed.
11	<i>[+]</i> increases the set value.
12	<i>[-]</i> decreases the set value.
13	<i>[0 ... 9]</i> numeric buttons for direct selection of a mixed colour.

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 Operating the device directly

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 displayed value. When the display shows the desired value, press *[Mode]*.

If you don't press any button for about ten seconds the display turns off. 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 'Preprogrammed automatic show'

A preprogrammed automatic show can only be activated when the unit is working alone or as Master in a Master / Slave combination. This setting is only relevant when the unit is not DMX-controlled.

Press *[Mode]* repeatedly until the display shows 'Pr.xx'. Now you can select one of the preprogrammed automatic shows. Use *[Up]* and *[Down]* to select a value between 'Pr.01' and 'Pr.09'.

Settings for programme 01:

For 'Pr.01', you can choose from 10 predefined colours or blackout. Press *[Setup]*. Use *[Up]* and *[Down]* to select one of the colours (display shows '1.__r' to '09.on') or blackout (display shows '0.OFF').

To adjust the strobe frequency, press *[Setup]* again. The display shows 'FS.xx'. Now use *[Up]* and *[Down]* to select a value between 'FS.00' (slow) and 'FS.99' (fast).

Settings for programme 02 to 09:

To set the programme speed, press *[Setup]* again. The display shows 'SP.xx'. Now use *[Up]* and *[Down]* to select a value between 'SP.01' (slow) and 'SP.FL' (fast).

To adjust the strobe frequency, press *[Setup]* again. The display shows 'FS.xx'. Now use *[Up]* and *[Down]* to select a value between 'FS.00' (slow) and 'FS.99' (fast).

Operating mode 'Automatic'

This operating mode can only be activated when the unit is working alone or as Master in a Master / Slave combination. This setting is only relevant when the unit is not DMX-controlled.

Press *[Mode]* repeatedly until the display shows 'AUTO'. The playback of the built-in automatic programme starts automatically.

DMX-Modus

This setting is only relevant when the unit is DMX-controlled.

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

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 (display shows 'd.001' ... 'd.512').

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
3-channel	510
5-channel	508
7-channel	506

Press *[Setup]*. Now use *[Up]* and *[Down]* to select one of the following DMX operating modes:

- '3-ch' (three channels)
- '5-ch' (five channels)
- '7-ch' (seven channels)

Operating mode 'Slave'

This setting is only relevant when the unit is working as Slave in a Master / Slave combination and is not DMX-controlled.

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

Sound control

The sound-controlled automatic show can only be activated when the unit is working alone or as Master in a Master / Slave combination. This setting is only relevant when the unit is not DMX-controlled.

Press *[Mode]* repeatedly until the display shows 'SOud'. This activates the sound-controlled automatic show.

Press *[Setup]* and use *[Up]* and *[Down]* to adjust the sensitivity for the sound control in a range from 'SV.00' to 'SV.31'.

Constant colour

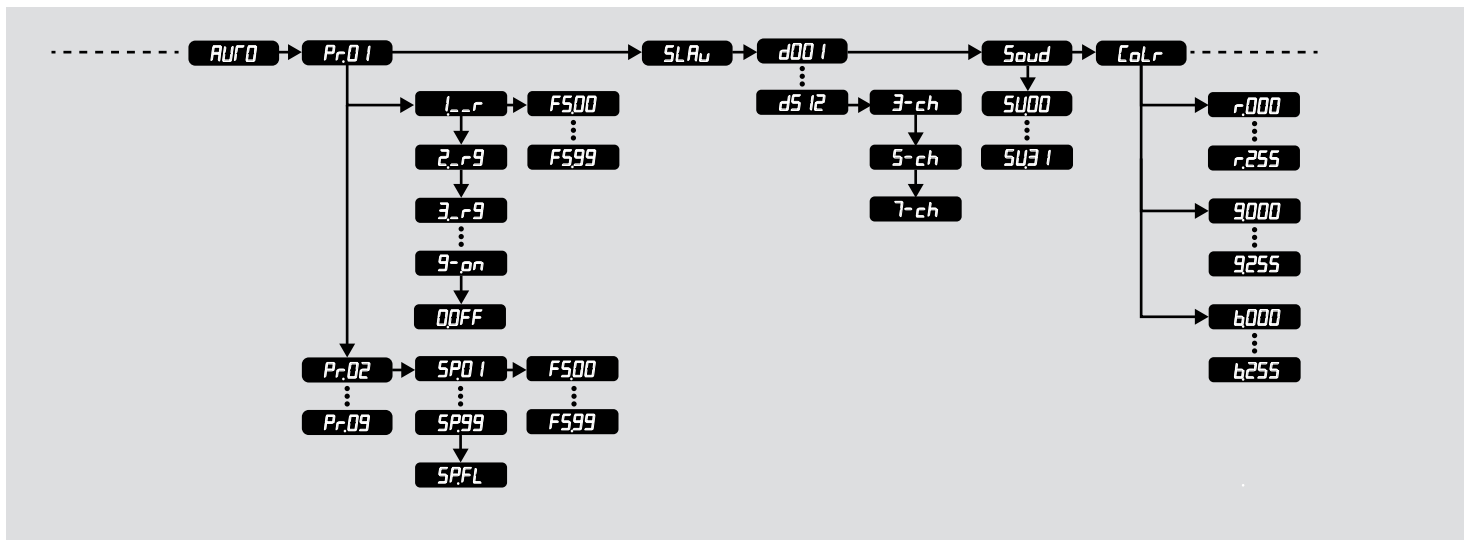
A constant colour can only be activated when the unit is working alone or as Master in a Master / Slave combination. This setting is only relevant when the unit is not DMX-controlled.

Press *[Mode]* repeatedly until the display shows 'Colr'. Press *[Setup]*. The display shows the setting for one of the basic colours (display shows 'r.xxx', 'G.xxx' or 'b.xxx'). Press *[Setup]* to toggle between colours.

Use *[Up]* and *[Down]* to adjust the colour intensity:

Display	Description
'r.000' ... 'r.255'	Red
'G.000' ... 'G.255'	Green
'b.000' ... 'b.255'	Blue

7.3 Menu overview



7.4 Remote control

Operating mode 'Preprogrammed automatic show'

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

Press *[MANUAL]*. The display shows 'Pr.xx'. Now you can select one of the preprogrammed automatic shows. Use *[+]* and *[-]* to select a value between 'Pr.01' and 'Pr.09'.

Press *[SPEED]* to adjust the programme speed. The display shows 'SP.xx'. Use *[%]*, *[+]* and *[-]* to select a value between 'SP.01' (slow) and 'SP.FL' (fast).

Press *[STROBE]* to set the flash frequency. The display shows 'FS.xx'. Use *[%]*, *[+]* and *[-]* to select a value between 'FS.00' (slow) and 'FS.99' (fast).

Operating mode 'Automatic'

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

Press *[AUTO]*. The display shows 'AUTO', the playback of the built-in automatic programme starts automatically.

Sound control

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

Press *[SOUND]*. The display shows 'SUxx', the sound-controlled automatic show is activated.

Use *[%]*, *[+]* and *[-]* to set the sensitivity for the sound control in a range between 'SV.00' and 'SV.31'.

Constant colour

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

Press *[MANUAL]*. Now you can either call up a predefined colour directly with one of the coloured buttons, or mix a colour individually from the basic colours.

Press *[R]*, *[G]* or *[B]* to mix a colour individually from the basic colours. The display shows 'r.xxx', 'G.xxx' or 'b.xxx'.

Use *[%]*, *[+]* and *[-]* to set the colour intensity:

Display	Description
'r.000' ... 'r.255'	Red
'G.000' ... 'G.255'	Green
'b.000' ... 'b.255'	Blue

Blackout

Press *[BLACKOUT]* to switch the LEDs off or on again. Then the unit continues to operate in the last selected operating mode.

The Blackout function is only available when the unit is not controlled via DMX.

7.5 Functions in 3-channel DMX mode

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 %)

7.6 Functions in 5-channel DMX mode

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	0 ... 255	Dimmer (0 % to 100 %)
5	0 ... 255	Strobe effect, increasing speed

7.7 Functions in 7-channel DMX mode

Channel	Value	Function
1	0...255	Dimmer (0 % to 100 %)
2	0...255	Intensity red (0 % to 100 %), when channel 5 = 0
3	0...255	Intensity green (0 % to 100 %), when channel 5 = 0
4	0...255	Intensity blue (0 % to 100 %), when channel 5 = 0
5	Operating mode	
	0	Manual mode; colours can be adjusted via channels 2 to 4
	1...27	Preprogrammed automatic show no. 1
	28...55	Preprogrammed automatic show no. 2
	56...83	Preprogrammed automatic show no. 3

Channel	Value	Function
	84...111	Preprogrammed automatic show no. 4
	112...139	Preprogrammed automatic show no. 5
	140...167	Preprogrammed automatic show no. 6
	168...195	Preprogrammed automatic show no. 7
	196...223	Preprogrammed automatic show no. 8
	224...251	Preprogrammed automatic show no. 9
	252...255	Sound-controlled show
6	Constant colour, when channel 5 = 1...24:	
	0...27	Dark
	28...55	Red
	56...83	Orange
	84...111	Yellow
	112...139	Light green
	140...167	Light blue
	168...195	Blue
	196...223	Purple

Channel	Value	Function
	224...251	Pink
	252...255	Red + green + blue
	Progress speed, when channel 5 = 25...255:	
	0...255	Increasing speed
7	0...255	Strobe effect, increasing speed

8 Technical specifications

		Item no. 309298	Item no. 414495
Light source		5 × 3in1 RGB, 3 W each	
Optical properties	Beam angle	25 °	45 °
Control		DMX	
		IR remote control	
Number of DMX channels		3, 5, 7	
Input connections	Power supply	IEC chassis plug C14	
	DMX control	XLR chassis socket, 3-pin	
Output connections	Power supply	IEC chassis plug C13	
	DMX control	XLR chassis socket, 3-pin	
Power consumption		15 W	
Supply voltage		100 - 240 V ~ 50/60 Hz	
Fuse		5 mm × 20 mm, 1 A, 250 V, slow-blow	
Battery remote control		Lithium-ions button cell CR2025, 3 V	
Degree of protection		IP20	

Technical specifications

	Item no. 309298	Item no. 414495
Mounting options	Hanging, standing	
Dimensions (W × H × D), w/o bracket	165 mm × 165 mm × 105 mm	
Weight	2.1 kg	
Ambient conditions	Temperature range	0 °C...40 °C
	Relative humidity	20 %...80 % (non-condensing)

Further information

	Item no. 309298	Item no. 414495
Construction	Flat PAR	Flat PAR
Colour mixture	RGB	RGB
LED type	x-in-1	x-in-1
Base housing	yes	yes
Fanless	yes	yes
Wireless DMX	no	no
Housing colour	black	black

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 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.	Check the mains connection and the main fuse.
No response to the DMX controller.	<ol style="list-style-type: none"> 1. If the unit is in DMX mode and a DMX controller is connected and turned on, the 'd' flashes in the first position of the display. If not, 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 display is not flashing and there is still no response, check the address settings and 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.
No response to the remote control	<ol style="list-style-type: none"> 1. Try the remote control at a different angle to the receiver on the front of the device. 2. Move the remote control closer to the unit. 3. Check the remote control battery.

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 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.

12 Protecting the environment

Disposal of the packaging material



For the 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 batteries



Batteries must not be thrown away or incinerated; they must be disposed of in accordance with local regulations for the disposal of hazardous waste. Use the existing collection points for this.

Only dispose of lithium batteries when they are discharged. Remove replaceable lithium batteries from the device before disposal. Protect used lithium batteries against short circuits, for example by covering the poles with adhesive tape. Permanently built-in lithium batteries must be disposed of together with the device. Please inquire about an appropriate collection point.

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 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.

