STAIRVILLE

Outdoor Stage PAR 12×4W Quad

User Manual

LED PAR

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

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1 General information

This document contains important instructions for the safe operation of the product. Read and follow the safety instructions and all other instructions. Keep the document for future reference. Make sure that it is available to all those using the product. If you sell the product to another user, be sure that they also receive this document.

Our products and documentation are subject to a process of continuous development. They are therefore subject to change. Please refer to the latest version of the documentation, which is ready for download under *www.thomann.de*.

1.1 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 document.

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 – hot surface.
	Warning – dangerous optical radiation.

Warning signs	Type of danger
	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!

Risk of injury and choking hazard for children!

Children can suffocate on packaging material and small parts. Children can injure themselves when handling the device. Never allow children to play with the packaging material and the device. Always store packaging material out of the reach of babies and small children. Always dispose of packaging material properly when it is not in use. Never allow children to use the device without supervision. Keep small parts away from children and make sure that the device does not shed any small parts (such knobs) that children could play with.

DANGER!

Danger to life due to electric current!

A short circuit could lead to a fire hazard and risk of death. Do not modify the mains cable or the plug! In case of isolation damage, disconnect immediately the power supply and arrange repair. If in doubt, seek advice from a qualified electrician.

DANGER!

Danger to life due to electric current!

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 when covers, safety equipment or optical components are missing or damaged.

WARNING!

Risk of eye damage caused by high light intensity!

The device generates highly intense light radiation. Looking directly into the light source can damage the eyes. Never look directly into the light source.

WARNING!

Risk of epileptic fit due to flashing lights!

The device emits flashing lights (strobe effects). Flashing lights can trigger epileptic fits in specific people. If you are at risk of epilepsy, avoid spending longer periods of time subjected to flashing lights and looking into strobing light.

WARNING!

Danger of burns on the device surface!

The surface of the device becomes very hot during operation. Skin contact can result in burns. Never touch the device with your bare hands during operation. After switching off the device, wait for at least 15 minutes before touching it.

NOTICE!

Risk of fire due to covered vents and neighbouring heat sources!

If the vents of the device are covered or the device is operated in the immediate vicinity of other heat sources, the device can overheat and burst into flames. Never cover the device or the vents. Do not install the device in the immediate vicinity of other heat sources. Never operate the device in the immediate vicinity of naked flames.

NOTICE!

Damage to the device if operated in unsuitable ambient conditions!

The device can be damaged if it is operated in unsuitable ambient conditions. Only operate the device indoors within the ambient conditions specified in the "Technical specifications" chapter of this user manual. Avoid operating it in environments with direct sunlight, heavy dirt and strong vibrations. Avoid operating it in environments with strong temperature fluctuations. If temperature fluctuations cannot be avoided (for example after transport in low outside temperatures), do not switch on the device immediately. Never subject the device to liquids or moisture. Never move the device to another location while it is in operation. In environments with increased dirt levels (for example due to dust, smoke, nicotine or mist): Have the device cleaned by qualified specialists at regular intervals to prevent damage due to overheating and other malfunctions.

NOTICE!

Damage to the device due to high voltages!

The device can be damaged if it is operated with the incorrect voltage or if high voltage peaks occur. In the worst case, excess voltages can also cause a risk of injury and fires. Make sure that the voltage specification on the device matches the local power grid before plugging in the device. Only operate the device from professionally installed mains sockets that are protected by a residual current circuit breaker (FI). As a precaution, disconnect the device from the power grid when storms are approaching or it the device will not be used for a longer period.

NOTICE!

Risk of fire by exceeding the maximum current!

The device can supply power to other devices of identical design and connected in series. If too many devices are connected, the maximum permitted power consumption can be exceeded, which can cause the device to overheat and burst into flames. Only connect devices of identical design to the device. When deciding how many devices you can connect in series, make sure that the maximum output current specified on the device and in the "Technical specifications" chapter of the user manual is not exceeded. Only use power cords with a cable cross-section designed for the required current intensity when connecting the devices in series.

NOTICE!

Risk of fire due to incorrect polarity!

Incorrectly inserted batteries may cause fires and destroy the device and the batteries. Observe the markings on the batteries and on the device. Ensure that proper polarity is observed when inserting batteries.

NOTICE!

Possible damage due to leaking batteries!

Batteries can leak and cause permanent damage to the device. Take the batteries out of the device if it is not going to be used for an extended period of time.

3 Features

Due to its sturdy and weather-proof housing made of die-cast aluminium, the Outdoor Stage PAR is specially designed for outdoor use. With its very bright quad-colour LEDs, it is particularly suitable for professional lighting tasks.

- LED configuration: 12 quad-colour LEDs
- Control via DMX (3 different modes), via buttons and display on the device, and via infrared remote control (not included)
- Pre-programmed automatic shows
- Master/slave operation
- Rugged die-cast aluminium housing
- International Protection Rating IP65 (suitable for outdoor use)
- Splash-proof safety plug (IP44)
- Pressure compensation element (prevents condensation inside the device)
- Connectors for power supply and DMX control via splash-proof screw-type plugs and couplings
- Sturdy double bracket for secure attachment to trusses or firm footing on the ground

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.

Information about protection class IP65

Equipment with protection class IP65 are dust-tight and completely protected against contact (first code number). They are also protected against splash water from any angle (second code digit). That is why this equipment can also be used outdoors. Event technology equipment is generally only designed for temporary use however (event lighting) and not for permanent use outdoors.

The specified protection class does not make a statement about the weather resistance of the equipment (resistance to changing ambient conditions as well as against the effects of sun-light and UV rays).

The seals and screw connections of the equipment must be checked regularly to ensure a fault-free operation. In cases of doubt, consult a specialist workshop in due time.

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 from falling devices that were inadequately secured!

If devices are not properly secured during assembly, they can cause severe injury and considerable damage by falling.

When installing and operating, make sure to follow the standards and regulations 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 due to bad ventilation!

If the device is badly ventilated, the device can overheat.

Do not operate the unit at ambient temperatures outside the specified temperature range (see chapter "Technical data" of the user manual).

Always ensure sufficient ventilation at the operating location.

NOTICE!

Potential property damage due to unsuitable stands!

If the device is mounted on an unsuitable stand, there is a risk that the stand will fall over and cause damage.

Only use stands whose maximum bearing capacity is at least as high as the weight of the device. Always ensure that the stand is stable.

NOTICE!

Data transfer errors due to improper wiring!

If the DMX connections are wired incorrectly, this can cause errors during the data transfer.

Do not connect the DMX input and output to audio devices, e.g. mixers or amplifiers.

Use special DMX cables for the wiring instead of normal microphone cables.

NOTICE!

Possible damage due to moisture penetrating into open connectors!

Moisture entering open connectors (plugs and couplings) of DMX and power supply cables can cause short circuits and damage to connected fixtures.

Always seal unused connectors with end caps intended for this purpose (*www.thomann.de*).

Mounting options

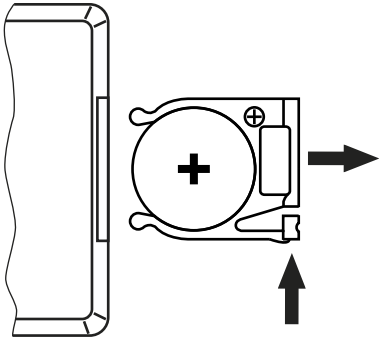
You can install the device in hanging or standing positions. When in use, the device must always be attached to a solid surface or an approved mount. Use the openings provided on the two-piece bracket for attaching.

Always work from a stable platform whenever installing, moving or servicing the device. While you do this, the area underneath the device must be cordoned off.

The safety cable must be attached to the safety eyelet.

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

Inserting the battery into the remote control



Push the lock of the battery holder towards the centre of the housing and pull out the battery holder like a drawer. Insert the batteries. 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 film. Remove the plastic film before initial use.

NOTICE!

Risk of fire due to incorrect polarity!

Incorrectly inserted batteries may cause fires and destroy the device and the batteries.

Observe the markings on the batteries and on the device.

Ensure that proper polarity is observed when inserting batteries.

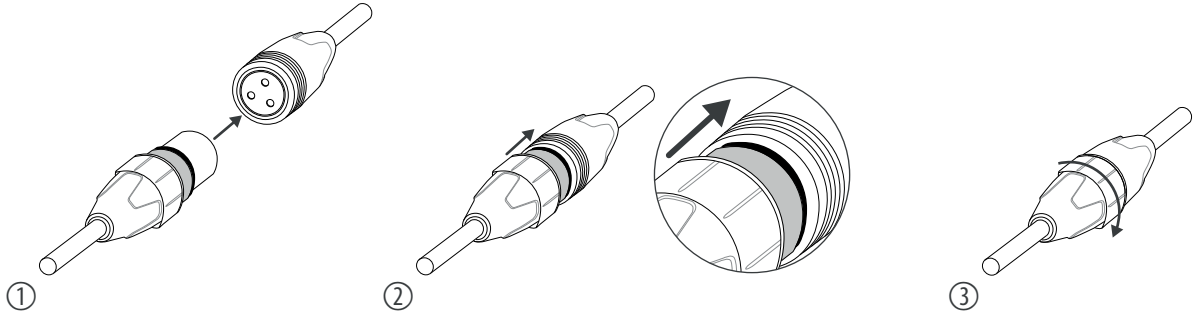
NOTICE!

Possible damage due to leaking batteries!

Batteries can leak and cause permanent damage to the device.

Take the batteries out of the device if it is not going to be used for an extended period of time.

Connecting the DMX IP65 connectors



Proceed as follows to connect the DMX-IP65 connectors:

1. Insert the plug completely and straight into the coupling.

2. Make sure that the flexible sealing ring has complete contact.

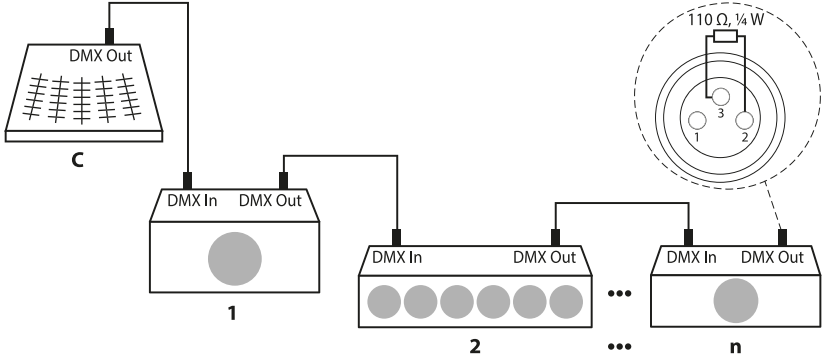
3. Turn the union nut straight onto the thread of the coupling. Hand-tighten the union nut.

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

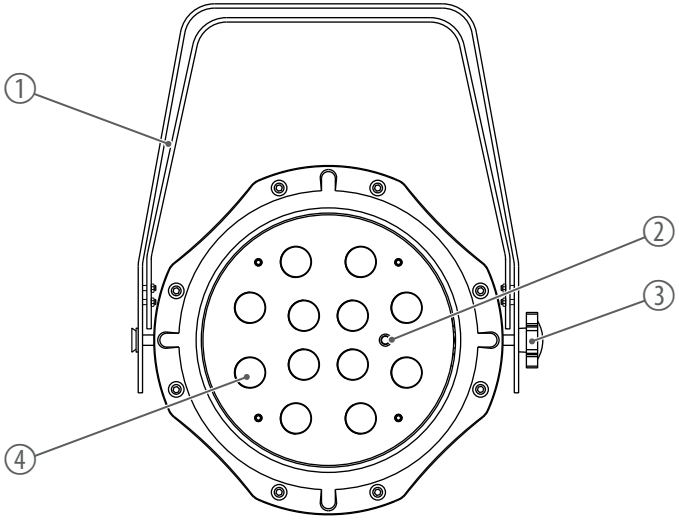
Connect the DMX input of the device to the DMX output of a DMX controller or another DMX device. Connect the output of the first DMX device to the input of the second one, and so on to form a daisy chain. Always ensure that the output of the last DMX device in the daisy chain is terminated with a resistor (110 Ω, ¼ W).

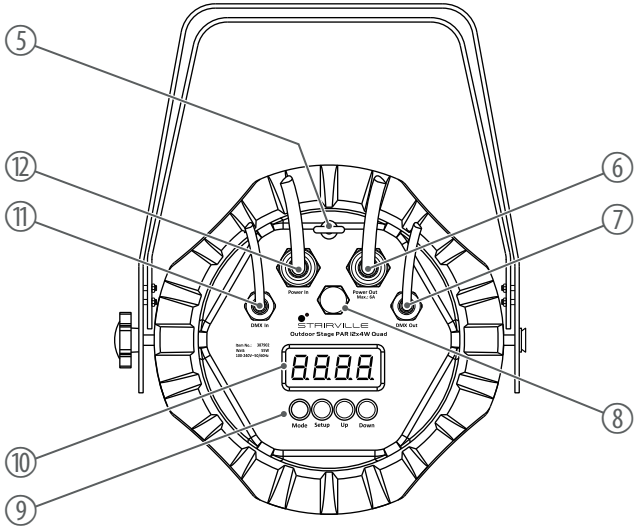


Connections in 'Master / Slave' mode

When you configure a group of devices in 'Master / Slave' mode, the first unit will control the others. This feature is especially useful to start a show without much programming. Connect the DMX output of the master unit to the DMX input of the first slave unit. Then connect the DMX output of the first slave unit to the DMX input of the second slave unit and so on.

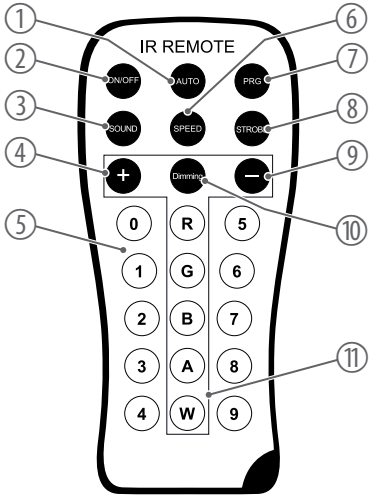
6 Connections and controls





1	Two-piece bracket for hanging or installation and for securing the safety cable
2	Infrared receiver for optionally available remote control
3	Locking screw for the two-piece bracket
4	LEDs
5	Safety cable eyelet
6	*[Power Out]* | Mains cable for the power supply of a connected device.
7	*[DMX OUT]* | DMX output cable
8	Pressure equalisation element
9	Control buttons
	[Mode] | Activates the main menu and toggles between menu items.
	[Setup] | Selects an option of the respective operating mode.
	[Up] | Increases the displayed value by one.
	[Down] | Decreases the displayed value by one.
10	Display
11	*[DMX IN]* | DMX input cable
12	*[Power In]* | Mains cable for the power supply of the device

Infrared remote control (item no. 354223, optionally available)



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

1	*[AUTO]* | Activates "Automatic" mode.
2	*[ON/OFF]* | Turns the device on and off.
3	*[SOUND]* | Activates "Sound control" mode. Set the sensitivity of the built-in microphone with *[+]* and *[–]*.
4	*[+]* | Increases the set value.
5	*[0 … 9]* | Number buttons for the direct selection of a fixed colour.
6	*[SPEED]* | Activates the setting mode for the programme speed. Adjust the speed using *[+]* and *[–]*.
7	*[PRG]* | Activates the "Pre-programmed automatic show" mode. Select the required programme with *[+]* and *[–]*.
8	*[STROBE]* | Activates the setting mode for the strobe speed. Adjust the speed using *[+]* and *[–]*.
9	*[–]* | Decreases the set value.
10	*[Dimming]* | Activates the dimming function for fixed colours. Set the value for each fixed colour using *[+]* and *[–]*.
11	*[R]*, *[G]*, *[B]*, *[A]*, *[W]* | Buttons for selecting the colour shade in dimmer mode.

7 Operating

Connect the device to the mains to start operation. After a few seconds, the display indicates that a reset is in progress. The device is now operational.

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 currently displayed value. The device instantly applies the displayed value, you don't need to push a button for confirmation.

If you don't press a button for about 20 seconds, the current setting is applied automatically and the display turns off. The set values are retained as long as the device is connected to the mains power supply.

7.1 “Auto Run Mode” operating mode

In automatic mode, all programmed shows are played sequentially in an endless loop.

A pre-programmed automatic show can only be activated if the device 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]*, use *[Up]* and *[Down]* to select the *‘Auto ‘* menu option and confirm with *[Setup]*.

7.2 Operating mode “Manual”

This operating mode can only be activated if the device 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.

1. Press *[Mode]*, use *[Up]* and *[Down]* to select the *‘Pro’* menu option and confirm with *[Setup]*.

2. Use *[Up]* and *[Down]* to select the required programme (01 … 07) and confirm with *[Setup]*.

Settings for programme 01

If you have selected programme 01, you can use *[Setup]* to access the settings. Now use *[Up]* and *[Down]* to select one of 15 static colour settings for all LEDs, see the following table.

Colour	Display
Cyan	*'00'*
Purple	*'01'*
Pink	*'02'*
Orange	*'03'*
Cold white	*'04'*
Light red	*'05'*
Light green	*'06'*
Light blue	*'07'*
Yellow	*'08'*
Warm white	*'09'*
Red	*'10'*
Green	*'11'*
Blue	*'12'*

Colour	Display
Amber	*'13'*
All	*'14'*
Blackout	*'15'*

Settings for programmes 02 … 07

If you have selected one of programmes 02 … 07 you can adjust the following settings:

1. After selecting the programme, press *[Setup]* again and adjust the programme speed with *[Up]* and *[Down]* in a range from *'SP.01'* … *'SP.FL'* (slow … fast), then confirm with *[Setup]*.

2. Press *[Setup]* again, then use *[Up]* and *[Down]* to set the flashing speed for the strobe effect in a range from *'F5.00'* … *'F5.99'* (slow … fast) and confirm with *[Setup]*.

7.3 Operating mode “Static Colour”

This setting is only relevant if the device is operating in stand-alone mode and is not controlled via DMX. In this mode you can select a fixed colour for continuous operation and to set the flashing frequency for all LEDs.

1. Press *[Mode]*, use *[Up]* and *[Down]* to select the *‘Colr’* menu option and confirm with *[Setup]*.
2. Use *[Up]* and *[Down]* to specify the intensity of the colour red in a range from *‘r.000’* … *‘r.255’* (bright … dark) and confirm with *[Setup]*.
3. Use *[Up]* and *[Down]* to specify the intensity of the colour green in a range from *‘g.000’* … *‘g.255’* (bright … dark) and confirm with *[Setup]*.
4. Use *[Up]* and *[Down]* to specify the intensity of the colour blue in a range from *‘b.000’* … *‘b.255’* (bright … dark) and confirm with *[Setup]*.
5. Use *[Up]* and *[Down]* to specify the intensity of the colour white in a range from *‘u.000’* … *‘u.255’* (bright … dark) and confirm with *[Setup]*.
6. Use *[Up]* and *[Down]* to set the flashing frequency of the strobe effect in a range from *‘F5.00’* … *‘F5.99’* (off, slow … fast) and confirm with *[Setup]*.

7.4 “DMX” mode

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

1. Press *[Mode]*, use *[Up]* and *[Down]* to select the *‘DMX’* menu option and confirm with *[Setup]*.
2. Use *[Up]* and *[Down]* to assign a DMX address between *‘d.001’* … *‘d.512’* to the device and confirm with *[Setup]*.
3. Press *[Up]* and *[Down]* to select the required DMX mode:

Mode	Display	Highest possible DMX address
4-channel	*‘4-ch’*	509
6-channel	*‘6-ch’*	507
8-channel	*‘8-ch’*	505

4. Confirm twice with *[Setup]*.

7.4.1 Functions in 4-channel DMX mode

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

7.4.2 Functions in 6-channel DMX mode

Channel	Value	Function
1	0…255	Dimmer (0% to 100%)
2	0…255	Red intensity (0% to 100%)
3	0…255	Green intensity (0% to 100%)
4	0…255	Blue intensity (0% to 100%)
5	0…255	White intensity (0% to 100%)
6	19…255	Strobe effect (0% to 100%)

7.4.3 Functions in 8-channel DMX mode

Channel	Value	Function
1	0 … 255	Dimmer (0% to 100%)
2	0 … 255	Red intensity (0% to 100%) if channel 6 = 0 … 35
3	0 … 255	Green intensity (0% to 100%) if channel 6 = 0 … 35
4	0 … 255	Blue intensity (0% to 100%) if channel 6 = 0 … 35
5	0 … 255	White intensity (0% to 100%) if channel 6 = 0 … 35
6	Programme selection	
	0 … 35	No function
	36 … 71	Programme 01
	72 … 107	Programme 02
	108 … 143	Programme 03
	144 … 179	Programme 04
	180 … 215	Programme 05
	216 … 251	Programme 06
	252 … 255	Programme 07

Channel	Value	Function
7	Colour selection, if channel 6 = 36 … 71 Speed, if channel 6 = 72 … 255	
	0 … 16	Blackout
	17 … 33	Cyan
	34 … 50	Purple
	51 … 67	Pink
	68 … 84	Orange
	85 … 101	Cold white
	102 … 118	Light red
	119 … 135	Light green
	136 … 152	Light blue
	153 … 169	Yellow
	170 … 186	Warm white
	187 … 203	Red
	204 … 220	Green
	221 … 237	Blue

Channel	Value	Function
	238 … 254	Amber
	255	All
	0 … 255	Programme speed
8	19 … 255	Strobe effect

7.5 "Slave" mode

This setting is only relevant when the device is a slave in a master/slave configuration and is not operated via DMX. To enable the operating mode, press *[Mode]* repeatedly until the display shows *'SLAv'*.

7.6 Control via optional remote control

The device can only be controlled via the remote control if it is not in "DMX" or "Master/slave" mode.

Switching on and off

Use *[ON/OFF]* to switch the device on and off.

"Automatic" mode

Press *[AUTO]*. Playback of programmes *'Pr02'* to *'Pr07'* starts automatically.

"Pre-programmed automatic show" mode

Press *[PRG]*. Use *[+]* and *[–]* to select a value between *'Pr01'* and *'Pr07'*.

In "Pre-programmed automatic show" mode, you can activate a strobe effect. To do so, press *[STROBE]* and then use *[+]* and *[–]* to select a value between *'FS00'* (slow) and *'FS99'* (fast). Press *[STROBE]* again to turn off the strobe effect.

Dimming

Press *[Dimming]* to adjust the brightness of the individual primary colours. Press *[R]* (red), *[G]* (green), *[W]* (white) or *[B]* (blue) and then use *[+]* and *[–]* to select a value between 0 and 255.

Colour selection

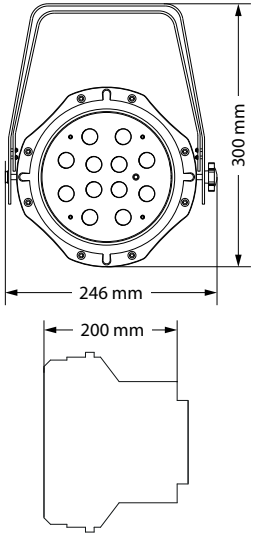
Use the coloured buttons to select a colour tone directly for programmes *'Pr01'* and *'Pr09'*. The following assignment applies:

Button	Colour	Button	Colour	Button	Colour
0	Cyan	5	Light red	R	Red
1	Crimson	6	Light green	G	Green
2	Magenta	7	Light blue	B	Blue
3	Orange	8	Yellow	A	Amber
4	Cold white	9	Warm white	W	White

Resetting to factory defaults

To return the device to its default settings, press *[OFF]* and then *[9]*, *[8]*, and *[7]* one after the other.

8 Technical specifications



Light source		12 × quad IR RGBW LED, 4 W
Optical properties	Beam angle	25°
Control		DMX
		IR remote control (optional)
Number of DMX channels		4, 6, 8
Input connections	Power supply	Power cable with IP65 screw connector
	DMX control	DMX cable with IP65 XLR plug, 3-pin
Output connections	Power supply for further devices	Power cable with IP65 screw connector
		Output current, max.: 6 A
	DMX control	DMX cable with IP65 XLR coupling, 3-pin
Power consumption		55 W
Supply voltage		110 - 240 V ~ 50/60 Hz

Remote control battery		Lithium-ion button cell CR2025, 3 V
International Protection Rating		IP65
Mounting options		Hanging, standing
Dimensions (W × H × D)		246 mm × 300 mm × 200 mm
Weight		3.5 kg
Ambient conditions	Temperature range	0 °C…40 °C
	Relative humidity	20%…80% (non-condensing)

Further information

Outdoor housing design	Studio housing
Colour mix	RGBW
LED type	x-in-1
Floor housing	Yes
Fanless	Yes
Remote control	Optional
Wireless DMX	No
Housing colour	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!

Data transfer errors due to improper wiring!

If the DMX connections are wired incorrectly, this can cause errors during the data transfer.

Do not connect the DMX input and output to audio devices, e.g. mixers or amplifiers.

Use special DMX cables for the wiring instead of normal microphone cables.

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 device does not work, no light	Check the mains connection and the fuse.
No response to the DMX Controller	1. Check the DMX connectors and cables for proper connection.
	2. Check the address settings and the DMX polarity.
	3. Try using another DMX Controller.
	4. Check whether the DMX cables run near or parallel to high-voltage cables that may cause damage or interference to a DMX interface circuit.

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

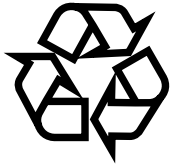
Optical lenses

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.

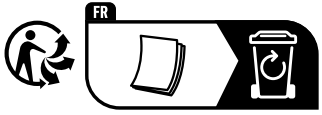
12 Protecting the environment

Disposal of the packing material



Environmentally friendly materials have been chosen for the packaging. These materials can be sent for normal recycling. Ensure that plastic bags, packaging, etc. are disposed of in the proper manner.

Do not dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the instructions and markings on the packaging.



Observe the disposal note regarding documentation in France.

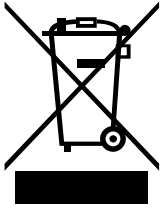
Disposal of batteries

Batteries must not be thrown away or burnt, but must instead be disposed of in line with the local regulations on the disposal of hazardous waste. Use the available collection sites.

Only dispose of lithium batteries when they are empty. Remove lithium batteries from the device before disposal if this is possible without destroying it. Protect used lithium batteries against short circuit, for example by taping the poles. Dispose the built-in lithium batteries together with the device. Check for an appropriate collection facility.

Dispose of the batteries and rechargeable batteries at relevant collection points or through your local waste facility.

Disposal of your old device



This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) as amended.

Do not dispose of your old device with your normal household waste; instead, deliver it for controlled disposal by an approved waste disposal firm or through your local waste facility. If in doubt, consult your local waste management facility. You can also return the device to a retailer if they offer to take the device back for free or if they are legally obliged to do so. When disposing of the device, comply with the rules and regulations that apply in your country. You can also return your old device to Thomann GmbH at no charge. Check the current conditions on *www.thomann.de*.

Proper disposal protects the environment as well as the health of your fellow human beings. This is because the proper handling of old devices negates the potential negative effects of hazardous substances, and because it conserves resources by recycling them.

Also note that waste avoidance is a valuable contribution to environmental protection. Repairing a device or passing it on to another user is an ecologically valuable alternative to disposal.

If your old device contains personal data, delete those data before disposing of it.