STAIRVILLE

Wild Wash
9x3W LED UV BK DMX
9x3W LED UV WH DMX

LED floodlight

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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*.

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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.

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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 signs	Type of danger
⚠	Warning – suspended load.
⚠	Warning – danger zone.

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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.

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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.

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!

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 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:

- Equipped with 9×3 watt UV LEDs
- Control via DMX (2 or 11 channels) as well as buttons and display on the unit
- Built-in automatic show programmes
- Sound control
- Robust metal housing with compact design
- Versatile installation and mounting options using the included mounting bracket
- Housing colour: black (item no. 426835) or white (item no. 426836)

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.

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

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!

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.*

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).
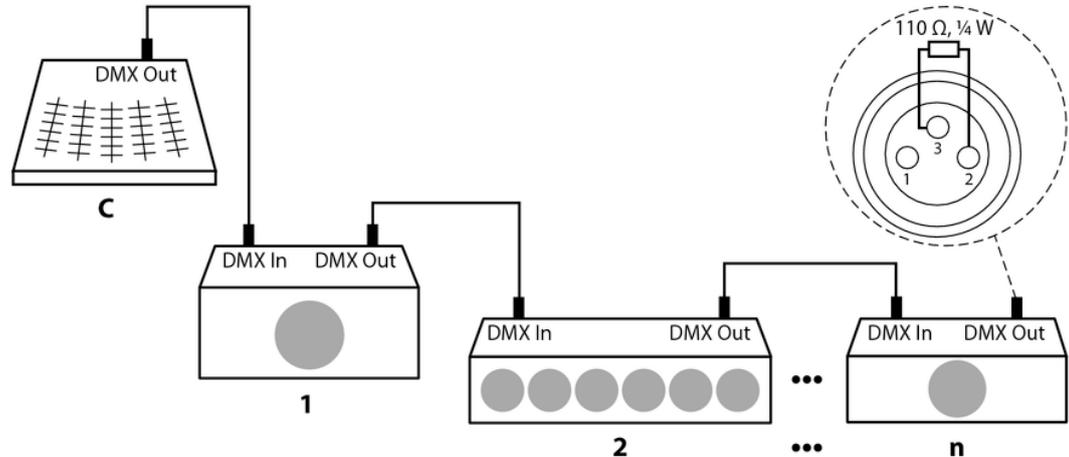
6 Connections and controls

Rear panel
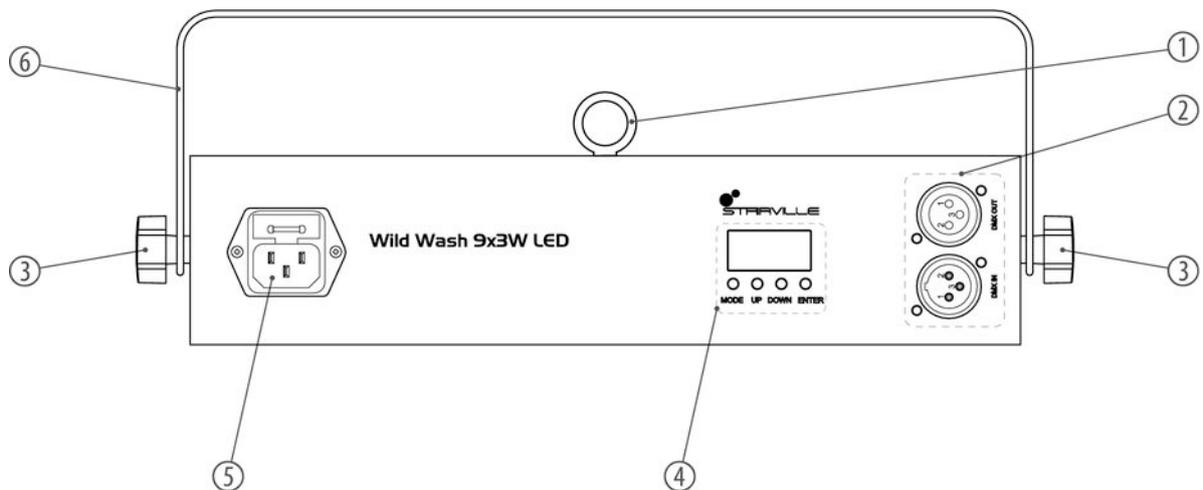
1	Safety eyelet for fastening the safety cable.
2	*[DMX IN]*: DMX input socket for connection to a DMX controller.
	[DMX OUT]: DMX output socket for connecting additional devices in the DMX chain.
3	Locking screws for locking the floodlight in the desired orientation.
4	Display and control buttons:
	[MENU]: Activates the main menu and toggles between menu items.
	[UP]: Increases the displayed value by one.
	[DOWN]: Decreases the displayed value by one.
	[ENTER]: Selects an option of the respective operating mode.
5	IEC chassis plug for the mains cable with fuse holder.
6	Bracket for floor placement or hanging.

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7 Operating

7.1 Starting the device

Connect the device to the power supply to start operation. The display shows *'A001'* for a few seconds, then the device is ready for operation.

7.2 Main menu

DMX address

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

Press *[MODE]* repeatedly until *'Addr'* appears in the display. Press *[ENTER]*, then use *[UP]* and *[DOWN]* to select the desired DMX address between 1 (*'A001'*) and 512 (*'A512'*) and confirm with *[ENTER]*.

DMX mode

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

Press *[MODE]* repeatedly until *'Chnd'* appears in the display. Press *[ENTER]*, then use *[UP]* and *[DOWN]* to select the desired DMX mode (2CH1, 2CH2 or 11CH) and confirm with *[ENTER]*.

Auto show

Press *[MODE]* repeatedly until *'Show'* appears in the display. Press *[ENTER]*, then use *[UP]* and *[DOWN]* to select the desired automatic light pattern between 0 (*'Sh 0'*) and 15 (*'Sh15'*) and confirm with *[ENTER]*.

Speed

Deactivate the sound control to set the speed manually (*'off'*). Press *[MODE]* repeatedly until *'SPEE'* appears in the display. Press *[ENTER]*, then use *[UP]* and *[DOWN]* to select the desired running speed for the auto show between 0 (*'SP 0'*) and 99 (*'SP99'*) and confirm with *[ENTER]*.

Sound control

Press *[MODE]* repeatedly until *'Soun'* appears in the display. Press *[ENTER]*, then use *[UP]* and *[DOWN]* to select whether the device has to operate sound-controlled (*'on'*) or not (*'off'*). Confirm with *[ENTER]*.

Sensitivity

Press *[MODE]* repeatedly until *'SENS'* appears in the display. Press *[ENTER]*, then use *[UP]* and *[DOWN]* to select the desired sensitivity of the built-in sound control microphone between 0 (*'0'*) and 99 (*'99'*) and confirm with *[ENTER]*.

Firmware version

Press *[MODE]* repeatedly until *'vEr'* appears in the display. Press *[ENTER]* to let the display show the currently used firmware version. Confirm with *[ENTER]*.

Temperature

Press *[MODE]* repeatedly until *'tEMP'* appears in the display. Press *[ENTER]* to let the display show the current temperature inside the housing. Confirm with *[ENTER]*.

7.3 Menu overview
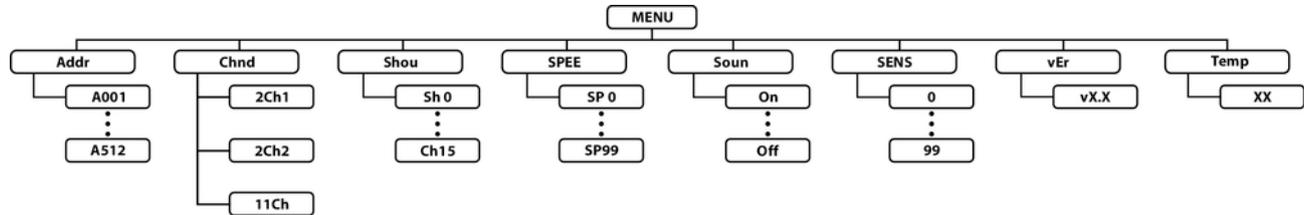
7.4 Functions in DMX mode 2Ch-1

Channel	Value	Function
1	0 … 255	Brightness of all LEDs (0 % to 100 %)
2	0 … 9	No strobe effect
	10 … 255	Strobe effect, increasing frequency

7.5 Functions in DMX mode 2Ch-2

Channel	Value	Function
1	0 … 9	All LEDs off
	10 … 255	Auto show selection
2	0 … 249	Auto show speed, slow to fast
	250 … 255	Sound-controlled auto show

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7.6 Functions in DMX mode 11Ch

Channel	Value	Function
1	0 … 255	Brightness of all LEDs (0 % to 100 %)
2	0 … 9	No strobe effect
	10 … 255	Strobe effect, slow to fast
3	0 … 255	Brightness LED 1 (0 % to 100 %)
4	0 … 255	Brightness LED 2 (0 % to 100 %)
5	0 … 255	Brightness LED 3 (0 % to 100 %)
6	0 … 255	Brightness LED 4 (0 % to 100 %)
7	0 … 255	Brightness LED 5 (0 % to 100 %)
8	0 … 255	Brightness LED 6 (0 % to 100 %)
9	0 … 255	Brightness LED 7 (0 % to 100 %)

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Channel	Value	Function
10	0 … 255	Brightness LED 8 (0 % to 100 %)
11	0 … 255	Brightness LED 9 (0 % to 100 %)

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8 Technical specifications
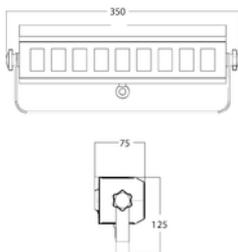
Item number		426835	426836
Light source		9 × UV-LED, 3 W each	
Light source properties	Wave length	398 nm	
Optical properties	Beam angle	approx. 110°	
Control		DMX	
Number of DMX channels		2, 11	
Input connections	Voltage supply	IEC chassis plug C14	
	DMX control	XLR chassis socket, 3-pin	
Output connections	DMX control	XLR chassis socket, 3-pin	
Power consumption		34 W	
Supply voltage		100 – 240 V ～ 50/60 Hz	

Item number		426835	426836
Fuse		5 mm × 20 mm, 2 A, 250 V, fast-acting	
Degree of protection		IP20	
Mounting options		Hanging, standing	
Dimensions (W × H × D)		350 mm × 125 mm × 75 mm	
Housing colour		Black	White
Weight		1.3 kg	
Ambient conditions	Temperature range	0 °C…40 °C	
	Relative humidity	50 %, non-condensing	

Further information

Type	UV
Battery operation	No

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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, the display is dark	Check the mains connection and the main fuse.
No response to the DMX controller	1. Check whether the DMX controller is switched on. 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.

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.

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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) 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.

Notes