



Wild Wash  
132 LED RGB DMX,  
132 LED White DMX,  
648 LED RGB DMX

LED Floodlight

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# Table of contents

|          |  |           |
|----------|--|-----------|
| <b>1</b> | <b>General information.....</b>                                  | <b>6</b>  |
| 1.1      | Symbols and signal words.....                                    | 6         |
| <b>2</b> | <b>Safety instructions.....</b>                                  | <b>9</b>  |
| <b>3</b> | <b>Features.....</b>   | <b>13</b> |
| <b>4</b> | <b>Installation.....</b>   | <b>14</b> |
| <b>5</b> | <b>Starting up.....</b>  | <b>17</b> |
| <b>6</b> | <b>Connections and controls.....</b>                             | <b>19</b> |
| <b>7</b> | <b>Operating.....</b>  | <b>23</b> |
| 7.1      | Starting the device.....   | 23        |
| 7.2      | Main menu.....   | 23        |
| 7.3      | Menu overview.....   | 30        |
| 7.4      | Functions in DMX mode 1ch.....                                   | 32        |
| 7.5      | Functions in DMX mode 2Ch (model versions with white LEDs).....  | 32        |
| 7.6      | Functions in DMX mode 2Ch1 (model versions with RGB LEDs).....   | 33        |
| 7.7      | Functions in DMX mode 2Ch2.....                                  | 35        |
| 7.8      | Functions in DMX mode 3Ch1.....                                  | 36        |
| 7.9      | Functions in DMX mode 3Ch2 (model versions with RGB LEDs).....   | 37        |
| 7.10     | Functions in DMX mode 3Ch2 (model versions with white LEDs)..... | 39        |
| 7.11     | Functions in DMX mode 3Ch3 (model versions with RGB LEDs).....   | 40        |

|           |   |           |
|-----------|---|-----------|
| 7.12      | Functions in DMX mode 4Ch (model versions with RGB LEDs)..... | 41        |
| 7.13      | Functions in DMX mode 6Ch (model versions with RGB LEDs)..... | 44        |
| <b>8</b>  | <b>Technical specifications</b> .....                         | <b>46</b> |
| <b>9</b>  | <b>Plug and connection assignments</b> .....                  | <b>52</b> |
| <b>10</b> | <b>Troubleshooting</b> .....                                  | <b>53</b> |
| <b>11</b> | <b>Cleaning</b> .....   | <b>55</b> |
| <b>12</b> | <b>Protecting the environment</b> .....                       | <b>56</b> |



Wild Wash 132 LED RGB DMX, 132 LED White DMX, 648 LED RGB DMX  
LED Floodlight




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

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



## 2 Safety instructions

### Intended use

This device is intended for use as an electronic lighting effect by means of LED technology. The device is designed for professional use 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!**

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.



**DANGER!**

**Danger to life due to electric current!**

A short circuit could lead to a fire hazard and risk of death. Always use proper ready-made insulated triple-core mains cable with a safety plug. 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.



**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.



**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 over-heat 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 if the device will not be used for a longer period.

**NOTICE!****Risk of fire due to installation of a wrong fuse!**

Using fuses of a different type than compatible with the device may cause a fire and seriously damage the device. Only use fuses of the same type. Observe the labelling on the device casing and the information in the "Technical data" chapter.

**NOTICE!****Possible staining due to plasticiser in rubber feet!**

The plasticiser contained in the rubber feet of this product may react with the coating of the floor and cause permanent dark stains after some time. If necessary, use a suitable mat or felt slide to prevent direct contact between the device's rubber feet and the floor.



### **NOTICE!**

#### **Risk of overheating and fire due to inadequate distance and bad ventilation!**

If the distance between the light source and the illuminated surface is too short or the device is badly ventilated, the device can overheat and cause fires. Make sure that illuminated surfaces are more than 2 m away. Do not operate the device in ambient temperatures above 40 °C. Always ensure sufficient ventilation at the operating location.

### 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 and as blinder.

Special features of the device:

- Equipped with SMD LEDs with 0.2 W power consumption each, depending on the model version:
  - Stairville Wild Wash 132 LED RGB DMX (item no. 399664): 132 tricolour LEDs (RGB)
  - Stairville Wild Wash 132 LED White DMX (item no. 399663): 132 cold white LEDs
  - Stairville Wild Wash 648 LED RGB DMX (item no. 399658): 648 tricolour LEDs (RGB)
- Control via DMX (different modes depending on the model version) and via buttons and display on the unit
- Built-in automatic show programmes
- Sound control
- Master / slave mode
- Robust metal housing with compact design
- Versatile installation and mounting options with the included two-piece mounting bracket

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 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 and fire due to inadequate distance and bad ventilation!**

If the distance between the light source and the illuminated surface is too short or the device is badly ventilated, the device can overheat and cause fires.

Make sure that illuminated surfaces are more than 2 m away.

Do not operate the device in ambient temperatures above 40 °C.

Always ensure sufficient ventilation at the operating location.

**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.



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

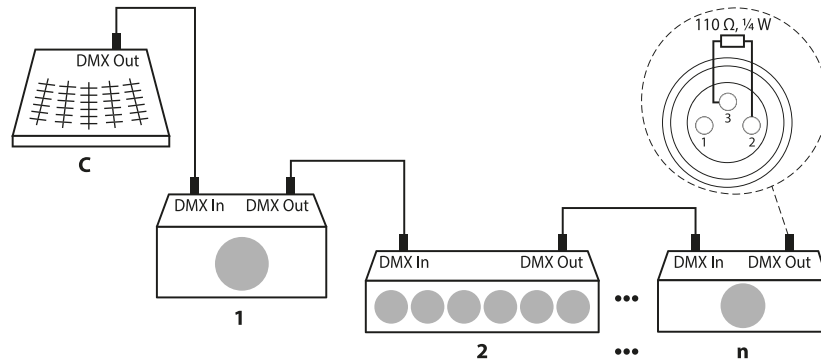


## 5 Starting up

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

### Connections in DMX mode

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

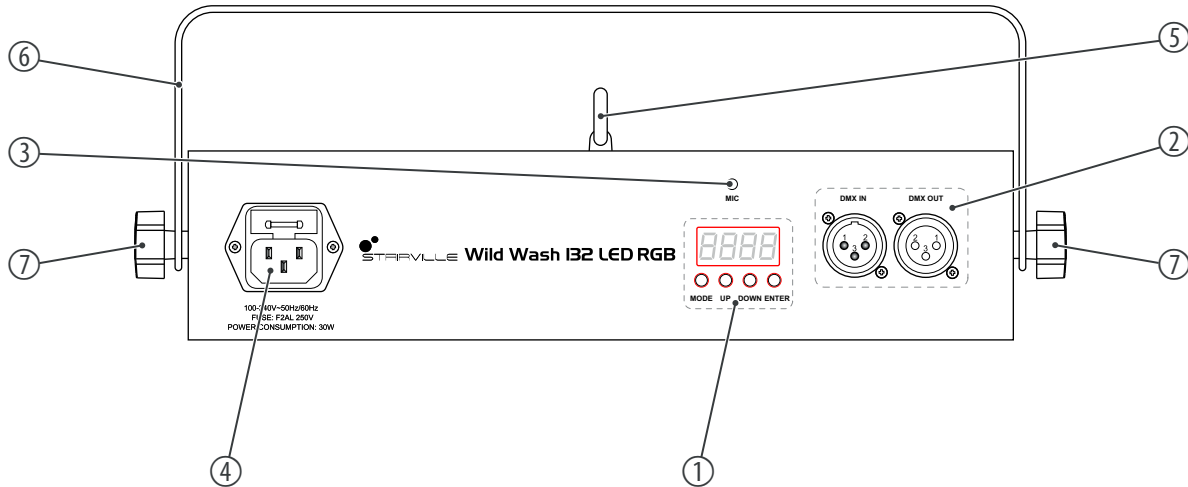


### **Connections in master/slave mode**

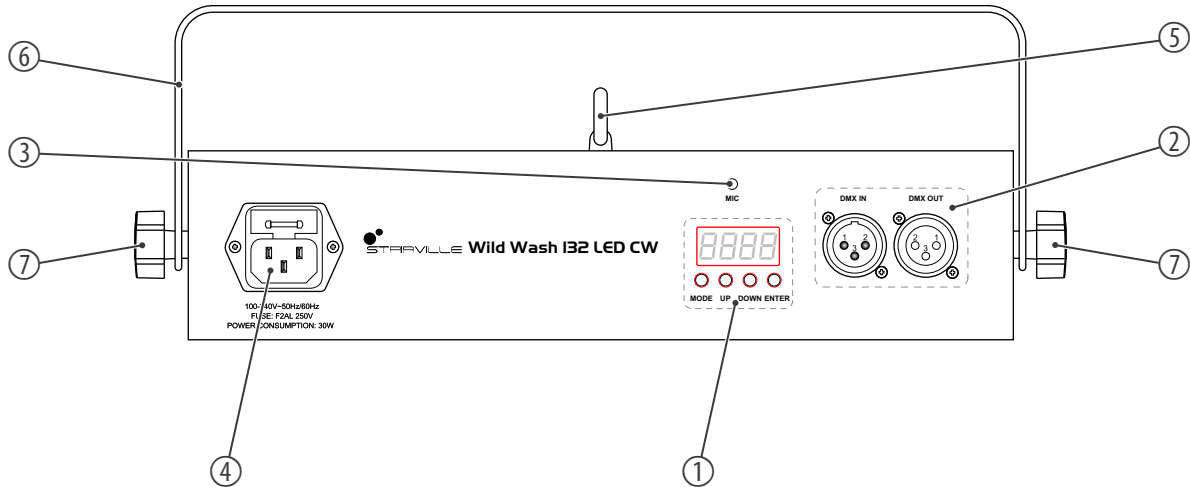
When you configure a group of devices in master/slave mode, the first unit will control the other units for an automatic, sound-activated, synchronized show. This function is ideal when you want to start a show immediately. Connect the DMX output of the master device to the DMX input of the first slave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

## 6 Connections and controls

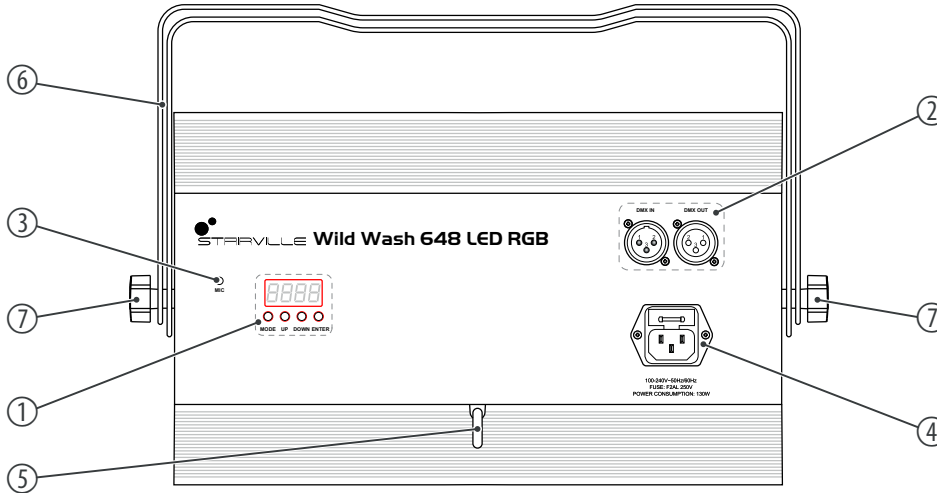
### Stairville Wild Wash 132 LED RGB DMX (item no. 399664)



## Stairville Wild Wash 132 LED White DMX (item no. 399663)



**Stairville Wild Wash 648 LED  
RGB DMX (item no. 399658)**



- 1 Display and control buttons:  
*[MENU]* | Activates the main menu and switches 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
- 2 *[DMX IN]* | DMX input socket  
*[DMX OUT]* | DMX output socket
- 3 *[MIC]* | Microphone for sound control
- 4 IEC chassis plug for the mains cable with fuse holder
- 5 Safety cable eyelet
- 6 Two-piece bracket for hanging or installation and for securing the safety cable
- 7 Locking screws for positioning the spotlight

## 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. The display shows the operating mode that was selected when the unit was last powered off.

### 7.2 Main menu

#### Operating mode 'DMX'

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

Press *[MODE]* repeatedly until one of the available DMX modes appears in the display and press *[ENTER]*. Use *[UP]* and *[DOWN]* to select the desired DMX mode and press *[ENTER]*.

The following table shows the DMX modes available depending on the version.

| Model version  | Available DMX modes                         |
|--|---|
| Stairville Wild Wash 132 LED RGB DMX (item no. 399664)   | 1CH, 2CH1, 2CH2, 3CH1, 3CH2, 3CH3, 4CH, 6CH |
| Stairville Wild Wash 132 LED White DMX (item no. 399663) | 1Ch, 2CH, 3CH1, 3CH2                        |
| Stairville Wild Wash 648 LED RGB DMX (item no. 399658)   | 1CH, 2CH1, 2CH2, 3CH1, 3CH2, 3CH3, 4CH, 6CH |

### **DMX address**

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

Press *[MODE]* repeatedly until the currently set DMX address appears in the display (‘Axxx’) and press *[ENTER]*. Use *[UP]* and *[DOWN]* to select the desired DMX address between 1 (‘A001’) and 512 (‘A512’) and press *[ENTER]*.

### **Operating mode ‘Manual control’ (white LED model versions)**

This setting is only relevant if the device is not controlled via a DMX controller and not working as slave in a master / slave configuration. In this mode, the brightness of the white LEDs can be adjusted and a Strobe effect can be engaged.

Press *[MODE]* repeatedly until ‘C000’ appears in the display and press *[ENTER]*. Use *[UP]* and *[DOWN]* to select the menu item ‘C1xx’ for brightness or the menu item ‘CFxx’ for the Strobe effect and press *[ENTER]*.

To adjust the brightness, use *[UP]* and *[DOWN]* to select a value between ‘C101’ (minimum brightness) and ‘C199’ (maximum brightness) or ‘C100’ (blackout, LEDs off) and press *[ENTER]*.

To adjust the Strobe effect, use *[UP]* and *[DOWN]* to select a value between ‘CF01’ (Strobe frequency approx. 1 Hz) and ‘CF99’ (Strobe frequency approx. 30 Hz) or ‘CF00’ (continuous light, no Strobe effect) and press *[ENTER]*.



**Operating mode 'Manual control' (RGB LED model versions)**

This setting is only relevant if the device is not controlled via a DMX controller and not working as slave in a master / slave configuration. In this mode, the intensity of the LEDs can be adjusted per colour and a Strobe effect can be engaged.

Press *[MODE]* repeatedly until 'C1xx' appears in the display and press *[ENTER]*. Use *[UP]* and *[DOWN]* to select the menu item 'C1xx', 'C2xx' or 'C3xx' for brightness of the red, green or blue LEDs or the menu item 'CFxx' for the Strobe effect and press *[ENTER]*.

To adjust the Strobe effect, use *[UP]* and *[DOWN]* to select a value between 'CF01' (Strobe frequency approx. 1 Hz) and 'CF99' (Strobe frequency approx. 30 Hz) or 'CF00' (continuous light, no Strobe effect) and press *[ENTER]*.

### Operating mode 'Colour macros' (RGB LED model versions)

This setting is only relevant if the device is not controlled via a DMX controller and not working as slave in a master / slave configuration. In this mode, one of the three primary colours or a predefined mixed colour can be selected.

Press *[MODE]* repeatedly until 'CMxx' appears in the display and press *[ENTER]*. Use *[UP]* and *[DOWN]* to select a value between 'CM01' and 'CM015' and press *[ENTER]*. The table below shows the colour assignment.

| Setting | Colour      |
|---------|-------------|
| CM01    | Red         |
| CM02    | Amber       |
| CM03    | Warm yellow |
| CM04    | Yellow      |
| CM05    | Green       |
| CM06    | Turquoise   |
| CM07    | Cyan        |
| CM08    | Blue        |
| CM09    | Lavender    |
| CM10    | Mauve       |
| CM11    | Magenta     |

| Setting | Colour     |
|---------|------------|
| CM12    | Pink       |
| CM13    | Warm white |
| CM14    | White      |
| CM15    | Cold white |

### Operating mode 'Automatic colour change' (RGB LED model versions)

This setting is only relevant if the device is not controlled via a DMX controller and not working as slave in a master / slave configuration. In this mode, the colours are changed at freely selectable speed, a Strobe effect can be engaged.

Press *[MODE]* repeatedly until '*JUxx*' appears in the display and press *[ENTER]*. Use *[UP]* and *[DOWN]* to select the menu item '*JUxx*' for colour change speed or the menu item '*JFxx*' for the Strobe effect.

For colour change speed, use *[UP]* and *[DOWN]* to select a value between '*JU00*' (minimum speed) and '*JU99*' (maximum speed) and press *[ENTER]*.

To adjust the Strobe effect, use *[UP]* and *[DOWN]* to select a value between '*JF01*' (flash frequency approx. 1 Hz) and '*CF99*' (flash frequency approx. 30 Hz) or '*CF00*' (continuous light, no Strobe effect) and press *[ENTER]*.

### **Operating mode 'Fading' (white LED model versions)**

This setting is only relevant if the device is not controlled via a DMX controller and not working as slave in a master / slave configuration. In this mode, the LEDs will gradually fade in with a freely selectable speed from blackout to maximum brightness and reverse, a Strobe effect can be engaged.

Press *[MODE]* repeatedly until 'FA00' appears in the display and press *[ENTER]*. Use *[UP]* and *[DOWN]* to select the menu item 'FAxx' for the fading speed or the menu item 'FFxx' for the Strobe effect and press *[ENTER]*.

To adjust the fading speed, use *[UP]* and *[DOWN]* to select a value between 'FA01' (minimum speed) and 'FA99' (maximum speed) and press *[ENTER]*.

To adjust the Strobe effect, use *[UP]* and *[DOWN]* to select a value between 'FF01' (flash frequency approx. 1 Hz) and 'FF99' (flash frequency approx. 30 Hz) or 'FF00' (continuous light, no Strobe effect) and press *[ENTER]*.

### **Operating mode 'Fading' (RGB LED model versions)**

This setting is only relevant if the device is not controlled via a DMX controller and not working as slave in a master / slave configuration. In this mode, the LEDs gradually change between the available colours at freely selectable speed, a Strobe effect can be engaged.

Press *[MODE]* repeatedly until 'FA00' appears in the display and press *[ENTER]*. Use *[UP]* and *[DOWN]* to select the menu item 'FAxx' for the fading speed or the menu item 'FAxx' for the Strobe effect and press *[ENTER]*.

To adjust the fading speed, use *[UP]* and *[DOWN]* to select a value between 'FA01' (minimum speed) and 'FA99' (maximum speed) or 'C100' and press *[ENTER]*.

To adjust the Strobe effect, use *[UP]* and *[DOWN]* to select a value between 'FF01' (flash frequency approx. 1 Hz) and 'FF99' (flash frequency approx. 30 Hz) or 'FF00' (continuous light, no Strobe effect) and press *[ENTER]*.

**Operating mode 'Automatic show' (white LED model versions)**

This setting is only relevant if the device is not controlled via a DMX controller and not working as slave in a master / slave configuration. In this mode, the LEDs will gradually fade in with a freely selectable speed from blackout to maximum brightness and reverse, the Strobe effect is automatically engaged in regular intervals.

Press *[MODE]* repeatedly until 'AUTO' appears in the display and press *[ENTER]*. For effect speed, use *[UP]* and *[DOWN]* to select a value between 'AU00' (minimum speed) and 'AU99' (maximum speed) and press *[ENTER]*.

**Operating mode 'Automatic show' (RGB LED model versions)**

This setting is only relevant if the device is not controlled via a DMX controller and not working as slave in a master / slave configuration. In this mode, the LEDs gradually change at freely selectable speed between the available colours, the Strobe effect is automatically engaged in regular intervals.

Press *[MODE]* repeatedly until 'AUTO' appears in the display and press *[ENTER]*. For effect speed, use *[UP]* and *[DOWN]* to select a value between 'AU00' (minimum speed) and 'AU99' (maximum speed) and press *[ENTER]*.

**Operating mode 'Sound control'**

This setting is only relevant if the device is not controlled via a DMX controller and not working as slave in a master / slave configuration. In this mode, the LEDs are controlled via the built-in microphone.

Press *[MODE]* repeatedly until 'SOUN' appears in the display and press *[ENTER]*. For microphone sensitivity, use *[UP]* and *[DOWN]* to select a value between 'SO00' (minimum sensitivity) and 'SO99' (maximum sensitivity) and press *[ENTER]*.

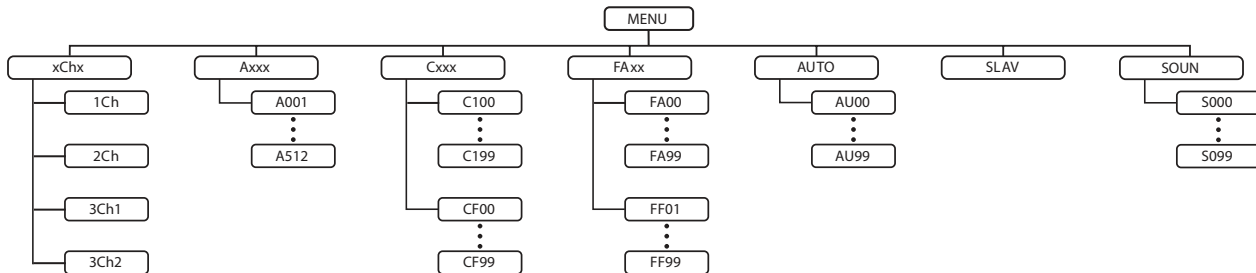
## Operating mode 'Slave'

This setting is only relevant if the device is not controlled via a DMX controller and working as slave in a master / slave configuration. Master and slave devices are connected to each other via a DMX cable, the master device is in one of the operating modes 'Manual control', 'Fading', 'Automatic show' or 'Sound control'.

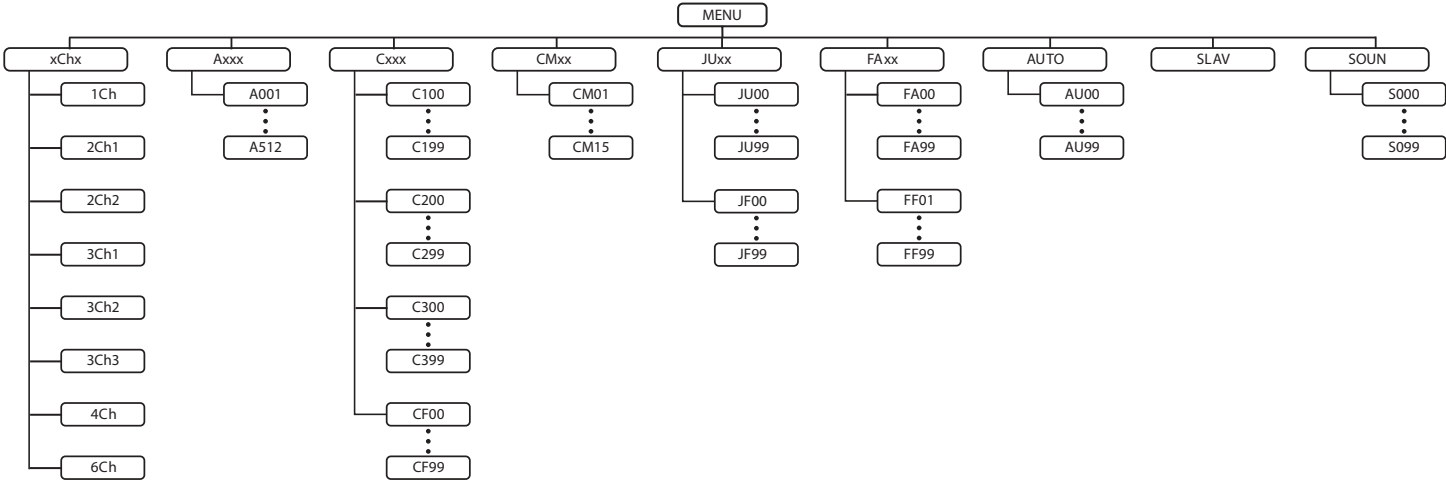
Press *[MODE]* repeatedly until 'SLAV' appears in the display and press *[ENTER]*. The slave device now copies exactly the actions of the master device.

## 7.3 Menu overview

### Model version with 132 white LEDs.



**Model versions with RGB LEDs**



## 7.4 Functions in DMX mode 1ch

| Channel | Value      | Function   |
|---------|------------|--|
| 1       | Strobe     |  |
|         | 0 ... 10   | LEDs off (blackout)  |
|         | 11 ... 255 | Strobe effect, speed increasing from approx. 0 Hz to 30 Hz |

## 7.5 Functions in DMX mode 2Ch (model versions with white LEDs)

| Channel | Value       | Function   |
|---------|-------------|--|
| 1       | 0 ... 255   | Dimmer (0 % to 100 %)                                      |
| 2       | Strobe      |  |
|         | 0 ... 5     | LEDs on  |
|         | 6 ... 10    | LEDs off (blackout)  |
|         | 11 ... 250  | Strobe effect, speed increasing from approx. 0 Hz to 30 Hz |
|         | 251 ... 255 | LEDs on  |



## 7.6 Functions in DMX mode 2Ch1 (model versions with RGB LEDs)

| Channel | Value        | Function              |
|---------|--------------|-----------------------|
| 1       | 0 ... 255    | Dimmer (0 % to 100 %) |
| 2       | Colour macro |                       |
|         | 0 ... 5      | LEDs off (blackout)   |
|         | 6 ... 13     | Red                   |
|         | 14 ... 21    | Amber                 |
|         | 22 ... 29    | Warm yellow           |
|         | 30 ... 37    | Yellow                |
|         | 38 ... 45    | Green                 |
|         | 46 ... 53    | Turquoise             |
|         | 54 ... 61    | Cyan                  |
|         | 62 ... 69    | Blue                  |
|         | 70 ... 77    | Lavender              |
|         | 78 ... 85    | Mauve                 |
|         | 86 ... 93    | Magenta               |

| Channel | Value       | Function                                |
|---------|-------------|---|
|         | 94 ... 101  | Pink                                    |
|         | 102 ... 109 | Warm white                              |
|         | 110 ... 117 | White                                   |
|         | 118 ... 125 | Cold white                              |
|         | 126 ... 128 | Ending colour change                    |
|         | 129 ... 192 | Colour change, increasing speed         |
|         | 193 ... 255 | Gradual colour change, increasing speed |

## 7.7 Functions in DMX mode 2Ch2

| Channel | Value       | Function   |
|---------|-------------|--|
| 1       | 0 ... 255   | Dimmer (0 % to 100 %)                                      |
| 2       | Strobe      |  |
|         | 0 ... 5     | LEDs on  |
|         | 6 ... 10    | LEDs off (blackout)  |
|         | 11 ... 250  | Strobe effect, speed increasing from approx. 0 Hz to 30 Hz |
|         | 251 ... 255 | LEDs on  |

## 7.8 Functions in DMX mode 3Ch1

| Channel | Value         | Function   |
|---------|---------------|--|
| 1       | 0 ... 255     | Dimmer (0 % to 100 %)                                      |
| 2       | Strobe        |  |
|         | 0 ... 5       | LEDs on  |
|         | 6 ... 10      | LEDs off (blackout)  |
|         | 11 ... 250    | Strobe effect, speed increasing from approx. 0 Hz to 30 Hz |
|         | 251 ... 255   | LEDs on  |
| 3       | Flash impulse |  |
|         | 0 ... 255     | Flash impulse duration, increasing from 0 ms to 510 ms     |

## 7.9 Functions in DMX mode 3Ch2 (model versions with RGB LEDs)

| Channel | Value        | Function   |
|---------|--------------|--|
| 1       | 0 ... 255    | Dimmer (0 % to 100 %)                                      |
| 2       | Strobe       |  |
|         | 0 ... 5      | LEDs on  |
|         | 6 ... 10     | LEDs off (blackout)  |
|         | 11 ... 250   | Strobe effect, speed increasing from approx. 0 Hz to 30 Hz |
|         | 251 ... 255  | LEDs on  |
| 3       | Colour macro |  |
|         | 0 ... 5      | LEDs off (blackout)  |
|         | 6 ... 13     | Red  |
|         | 14 ... 21    | Amber  |
|         | 22 ... 29    | Warm yellow  |
|         | 30 ... 37    | Yellow   |
|         | 38 ... 45    | Green  |
|         | 46 ... 53    | Turquoise  |

| Channel | Value       | Function                                |
|---------|-------------|---|
|         | 54 ... 61   | Cyan                                    |
|         | 62 ... 69   | Blue                                    |
|         | 70 ... 77   | Lavender                                |
|         | 78 ... 85   | Mauve                                   |
|         | 86 ... 93   | Magenta                                 |
|         | 94 ... 101  | Pink                                    |
|         | 102 ... 109 | Warm white                              |
|         | 110 ... 117 | White                                   |
|         | 118 ... 125 | Cold white                              |
|         | 126 ... 128 | Ending colour change                    |
|         | 129 ... 192 | Colour change, increasing speed         |
|         | 193 ... 255 | Gradual colour change, increasing speed |

## 7.10 Functions in DMX mode 3Ch2 (model versions with white LEDs)

| Channel | Value         | Function   |
|---------|---------------|--|
| 1       | 0 ... 255     | Dimmer (0 % to 100 %)                                      |
| 2       | Strobe        |  |
|         | 0 ... 5       | LEDs on, brightness controlled by channel 1                |
|         | 6 ... 10      | LEDs off (blackout)  |
|         | 11 ... 33     | Random impulses, increasing speed                          |
|         | 34 ... 56     | Randomly increasing brightness, increasing speed           |
|         | 57 ... 79     | Randomly decreasing brightness, increasing speed           |
|         | 80 ... 102    | Random Strobe effect, increasing speed                     |
|         | 103 ... 127   | Interrupt effect, 5 s to 1 s                               |
|         | 128 ... 250   | Strobe effect, speed increasing from approx. 0 Hz to 30 Hz |
|         | 251 ... 255   | LEDs on, brightness controlled by channel 1                |
| 3       | Sound control |  |

| Channel | Value     | Function                                 |
|---------|-----------|--|
|         | 0 ... 5   | Sound control off                        |
|         | 6 ... 255 | Sound control on, increasing sensitivity |

### 7.11 Functions in DMX mode 3Ch3 (model versions with RGB LEDs)

| 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 %)  |



## 7.12 Functions in DMX mode 4Ch (model versions with RGB LEDs)

| Channel | Value        | Function   |
|---------|--------------|--|
| 1       | 0 ... 255    | Dimmer (0 % to 100 %)                                      |
| 2       | Strobe       |  |
|         | 0 ... 5      | LEDs on, brightness controlled by channel 1                |
|         | 6 ... 10     | LEDs off (blackout)  |
|         | 11 ... 33    | Random impulses, increasing speed                          |
|         | 34 ... 56    | Randomly increasing brightness, increasing speed           |
|         | 57 ... 79    | Randomly decreasing brightness, increasing speed           |
|         | 80 ... 102   | Random Strobe effect, increasing speed                     |
|         | 103 ... 127  | Interrupt effect, 5 s to 1 s                               |
|         | 128 ... 250  | Strobe effect, speed increasing from approx. 0 Hz to 30 Hz |
|         | 251 ... 255  | LEDs on, brightness controlled by channel 1                |
| 3       | Colour macro |  |
|         | 0 ... 5      | LEDs off (blackout)  |
|         | 6 ... 13     | Red  |

| Channel | Value       | Function                        |
|---------|-------------|---------------------------------|
|         | 14 ... 21   | Amber                           |
|         | 22 ... 29   | Warm yellow                     |
|         | 30 ... 37   | Yellow                          |
|         | 38 ... 45   | Green                           |
|         | 46 ... 53   | Turquoise                       |
|         | 54 ... 61   | Cyan                            |
|         | 62 ... 69   | Blue                            |
|         | 70 ... 77   | Lavender                        |
|         | 78 ... 85   | Mauve                           |
|         | 86 ... 93   | Magenta                         |
|         | 94 ... 101  | Pink                            |
|         | 102 ... 109 | Warm white                      |
|         | 110 ... 117 | White                           |
|         | 118 ... 125 | Cold white                      |
|         | 126 ... 128 | Ending colour change            |
|         | 129 ... 192 | Colour change, increasing speed |

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| Channel | Value         | Function                                 |
|---------|---------------|--|
|         | 193 ... 255   | Gradual colour change, increasing speed  |
| 4       | Sound control |  |
|         | 0 ... 5       | Sound control off                        |
|         | 6 ... 255     | Sound control on, increasing sensitivity |

## 7.13 Functions in DMX mode 6Ch (model versions with RGB LEDs)

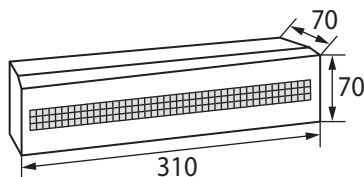
| Channel | Value       | Function   |
|---------|-------------|--|
| 1       | 0 ... 255   | Dimmer (0 % to 100 %)                                      |
| 2       | Strobe      |  |
|         | 0 ... 5     | LEDs on, brightness controlled by channel 1                |
|         | 6 ... 10    | LEDs off (blackout)  |
|         | 11 ... 33   | Random impulses, increasing speed                          |
|         | 34 ... 56   | Randomly increasing brightness, increasing speed           |
|         | 57 ... 79   | Randomly decreasing brightness, increasing speed           |
|         | 80 ... 102  | Random Strobe effect, increasing speed                     |
|         | 103 ... 127 | Interrupt effect, 5 s to 1 s                               |
|         | 128 ... 250 | Strobe effect, speed increasing from approx. 0 Hz to 30 Hz |
|         | 251 ... 255 | LEDs on, brightness controlled by channel 1                |
| 3       | 0 ... 255   | Intensity red (0 % to 100 %)                               |
| 4       | 0 ... 255   | Intensity green (0 % to 100 %)                             |
| 5       | 0 ... 255   | Intensity blue (0 % to 100 %)                              |

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| Channel | Value         | Function                                 |
|---------|---------------|--|
| 6       | Sound control |  |
|         | 0 ... 5       | Sound control off                        |
|         | 6 ... 255     | Sound control on, increasing sensitivity |

## 8 Technical specifications

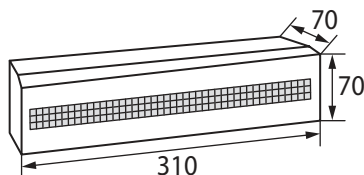
### Stairville Wild Wash 132 LED RGB DMX (item no. 399664)



|                        |                                       |                           |
|------------------------|---------------------------------------|---------------------------|
| Light source           | 132 × tricolour SMD LEDs, 0.2 W each  |                           |
| Optical properties     | Beam angle                            | approx. 75°               |
| Control                | DMX, buttons and display on the unit  |                           |
| Number of DMX channels | 1, 2, 3, 4 or 6                       |                           |
| Input connections      | Power supply                          | IEC chassis plug C14      |
|                        | DMX control                           | XLR chassis socket, 3-pin |
| Output connections     | DMX control                           | XLR chassis socket, 3-pin |
| Power consumption      | 30 W                                  |                           |
| Supply voltage         | 100 - 240 V ~ 50/60 Hz                |                           |
| Fuse                   | 5 mm × 20 mm, 2 A, 250 V, fast-acting |                           |
| Degree of protection   | IP20                                  |                           |
| Mounting options       | Hanging, standing                     |                           |
| Dimensions (W × H × D) | 310 mm × 70 mm × 70 mm                |                           |

|                    |                   |                                 |
|--------------------|-------------------|---------------------------------|
| Weight             | 1.05 kg           |                                 |
| Ambient conditions | Temperature range | 0 °C...40 °C                    |
|                    | Relative humidity | 20 %...80 %<br>(non-condensing) |

## Stairville Wild Wash 132 LED White DMX (item no. 399663)

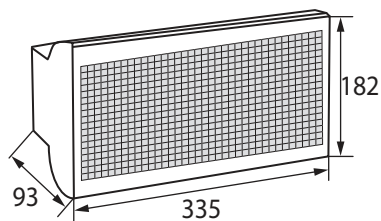


|                         |  |                           |
|-------------------------|--|---------------------------|
| Light source            | 132 × SMD LEDs, cold white, 0.2 W each |                           |
| Light source properties | Colour temperature                     | 6000 K                    |
|                         | Colour rendering index                 | CRI 75                    |
| Optical properties      | Beam angle                             | approx. 75°               |
| Control                 | DMX, buttons and display on the unit   |                           |
| Number of DMX channels  | 1, 2 or 3                              |                           |
| Input connections       | Power supply                           | IEC chassis plug C14      |
|                         | DMX control                            | XLR chassis socket, 3-pin |
| Output connections      | DMX control                            | XLR chassis socket, 3-pin |
| Power consumption       | 30 W                                   |                           |
| Supply voltage          | 100 - 240 V ~ 50/60 Hz                 |                           |
| Fuse                    | 5 mm × 20 mm, 2 A, 250 V, fast-acting  |                           |
| Degree of protection    | IP20                                   |                           |
| Mounting options        | Hanging, standing                      |                           |
| Dimensions (W × H × D)  | 310 mm × 70 mm × 70 mm                 |                           |



|                    |                   |                                 |
|--------------------|-------------------|---------------------------------|
| Weight             | 1.05 kg           |                                 |
| Ambient conditions | Temperature range | 0 °C...40 °C                    |
|                    | Relative humidity | 20 %...80 %<br>(non-condensing) |

## Stairville Wild Wash 648 LED RGB DMX (item no. 399658)



|                        |                                       |                           |
|------------------------|---------------------------------------|---------------------------|
| Light source           | 648 × tricolour SMD LEDs, 0.2 W each  |                           |
| Optical properties     | Beam angle                            | approx. 75°               |
| Control                | DMX, buttons and display on the unit  |                           |
| Number of DMX channels | 1, 2, 3, 5 or 7                       |                           |
| Input connections      | Power supply                          | IEC chassis plug C14      |
|                        | DMX control                           | XLR chassis socket, 3-pin |
| Output connections     | DMX control                           | XLR chassis socket, 3-pin |
| Power consumption      | 130 W                                 |                           |
| Supply voltage         | 100 - 240 V ~ 50/60 Hz                |                           |
| Fuse                   | 5 mm × 20 mm, 2 A, 250 V, fast-acting |                           |
| Degree of protection   | IP20                                  |                           |
| Mounting options       | Hanging, standing                     |                           |
| Dimensions (W × H × D) | 335 mm × 182 mm × 93 mm               |                           |
| Weight                 | 3.25 kg                               |                           |

|                    |                   |                                 |
|--------------------|-------------------|---------------------------------|
| Ambient conditions | Temperature range | 0 °C...40 °C                    |
|                    | Relative humidity | 20 %...80 %<br>(non-condensing) |

**Further information**

|                          |              |
|--------------------------|--------------|
| Suitable for outdoor use | No           |
| LED type                 | SMD          |
| Floor housing            | No           |
| Fanless                  | No           |
| Remote control           | Not possible |
| 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 unit does not work, no light, the display is dark | Check the mains connection and the 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. Check whether the DMX controller is switched on. Check the DMX connections 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](http://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 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 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. When disposing of the device, comply with the rules and regulations that apply in your country. If in doubt, consult your local waste management facility. Proper disposal protects the environment as well as the health of your fellow human beings.

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.

You can return your old device to Thomann GmbH at no charge. Check the current conditions on [www.thomann.de](http://www.thomann.de).

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





