

# Cololight Strip

## Manual

## **Intended Use**

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This manual contains important information for the safe use of the Cololight Strip LED light strip. We ask you to read carefully and follow all instructions before you start using the product. Incorrect operation and installation can lead to an electric shock due to the electrical voltage or even damage the product.

Please keep this manual in a safe place and pass it on to any subsequent owners of the LED Strip.

This 2-meter long LED light strip is used for indoor lighting and can be attached directly to walls, ceilings or furniture using the attached adhesive strip. The colours and light intensity of the light strip can be controlled via a smartphone app. The controller located at the beginning of the strip and the connector located at the end of the strip are **NOT** protected against dust and dripping water! Ensure that there is adequate protection against moisture and only operate the device in closed rooms with normal humidity. If you have any uncertainties or questions, please do not hesitate to contact our customer service.

## **Danger for Children**

This product is not suitable for children under 3 years of age. Children under the age of 14 must use this product only under parental supervision. Keep packaging material, foil bags and accessories away from children. The device is not a toy! There is a danger of suffocation and swallowing.



## **Safety Instructions**

- The lamp may only be connected to a USB socket such as a PC or USB power supply unit using the USB charging cable supplied.
- If the cable, the lamp or the plug sockets are damaged, the lamp must not be operated.
- The LEDs are permanently installed and cannot be replaced.
- Clean the lamp only when switched off and without water.
- Do not open the unit or repair it yourself.
- Protect the lamp from splash water, moisture, excessive cold and heat (-5°C to 45°C)!
- Only use the lamp indoors.

## **Safety Instructions**

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- Do not operate the product unattended.
- Operate the product only in well-ventilated rooms.
- If you have any doubts or questions, please contact our customer service.
- Damage caused by not following these instructions will void the warranty. We accept no liability for any consequential damage resulting from this.
- Never look directly into the light source as this may cause damage to the eyes.
- Installation and operation in public facilities as well as in factories must be carried out by trained personnel.
- When placing the light strip, please make sure that nobody can fall over it.
- If you notice any damage or defects during operation, do not touch the LED strip or the power supply unit under any circumstances. First switch off the fuse of the socket, then carefully remove the power supply unit from the socket and contact your dealer or our customer service.
- Please note that the LED strip is splashproof according to IP65 - but not the main controller and connections.

## **Safety Instructions**

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- Make sure that the power supply and the LED strip are always reachable in case of emergencies - and due to low heat generation, have enough free space.
- Please note that even if the LED strip has been switched off via smartphone, the power supply unit is still switched on and sends out the WiFi signal.
- Only operate the LED-strip when completely unrolled. Otherwise there is a risk of fire.
- Do not expose the product to mechanical pressure. Impacts, loads or falling damage from a low height can lead to defects.
- Only connect the product to a fused circuit.
- Disconnect the lamp from the power outlet when not in use.
- Do not make any technical changes or attempt to repair this product other than those mentioned here. This will result in loss of warranty.
- Do not place heavy objects on the product.

## Technical Details

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Size main controller 46.5 x 30.5 x 28 mm

Input DC 5V 2.4A

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CRI >80

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Light intensity Strip 30 /2m 400 Lumen

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Light intensity Strip 60 /2m 800 Lumen

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Protection Class IP65 (Strip only)

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Operating Temperature -5~45°C

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Humidity 5~90%

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Material ABS+PC

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Energy consumption ≤6W/m, Standby 0.3W

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LED-Lifetime at least 30.000h

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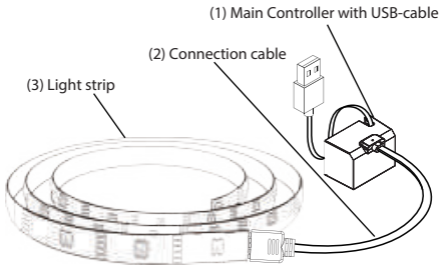
Frequency 2.4 - 2.4835 GHz

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Maximum transmission power 15.6 dBm (36.3 mW)

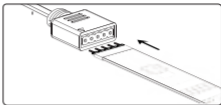
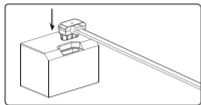
## 1. Box Contents

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## 2.Installation

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Connect the connecting cable (2) to the main controller (1) and to the LED strip (3) which is completely unrolled and not yet glued on. The arrow on the connecting cable (2) should point to a 5V line of the LED strip.

Now connect the USB cable located on the main controller (1) to a USB power supply unit.

**Please make sure to use a USB power supply with at least 2.4A output power - otherwise there may be problems resulting in flickering light and wrong colors.**

The Cololight light strip should now start automatically.



### **3. Connect with Cololight App**

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To use the full range of functions like special effects, own effects and much more, the Cololight App is required. Scan the QR Code and follow the instructions of the app. When pairing, please select **"Cololight Strip"** and then the version you purchased with 30 LEDs per meter or 60 LEDs per meter.



[www.cololight.de/getapp](http://www.cololight.de/getapp)

### **4. Connect with Apple Home**

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To connect the Cololight Strip to HomeKit please open the Home app on your smartphone/tablet and tap on + / Add device.

Then scan the HomeKit configuration code on the bottom of the main controller (1). As soon as it is recognized, the connection setup will start. Please note that the effects are only available in the Home App once you have connected the Strip also connected to the Cololight App.

## 5. Siri Voice Commands

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The most important Siri commands for Apple HomeKit explained:

Hey Siri, turn on [DEVICE NAME].

Hey Siri, make [DEVICE NAME] brighter.

Hey Siri, dim [DEVICE NAME] to 50 percent.

Hey Siri, turn [DEVICE NAME] to red.

Hey Siri, put [DEVICE NAME] on Circus.

Hey Siri, turn off [DEVICE NAME] in 30 minutes.

Of course you can also create special scenes such as "Good morning", "Good night" or combinations with other HomeKit devices such as motion detectors.

## **6. Connect with Google Home**

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Start the Google Home App. Then add device -> set up device -> "You have already set up devices?" -> Search for Lifesmart -> Add LifeSmart Smarthome -> Log in with the account you created in the Cololight app.

## **7. Connect with Amazon Alexa**

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To control Cololight with Amazon Alexa please install the Alexa skill at

**[http://bit.ly/Alexa\\_Cololight](http://bit.ly/Alexa_Cololight)**

or through scanning the QR-code.



After that -> New devices -> Lamp -> Other -> Search -> Set up device -> Log in with the account previously created in the Cololight App.

## **8. Please note**

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To control Cololight via Apple Home from a distance or with automations you need an Apple HomePot, Apple TV with tvOS 10.x or higher or an iPad with iOS 10.x or higher as HomeKit station.

Use of the "Works with Apple HomeKit" badge means that an electronic accessory has been designed specifically for use with the iPod Touch, iPhone or iPad and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of these devices or their compliance with safety and regulatory standards.

## **9. Attach Light Strips**

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After the functionality of the light strip has been tested, it can now be attached using the self-adhesive tape.

1. clean the surface to which the light strip is planned to be attached thoroughly. Ideally with alcohol.
  2. remove the protective foil of the light strip for 20-30 cm
  3. glue the light strip to the final position and press it against the surface with some pressure for about 20 seconds.
  4. remove another part of the protective film and repeat the procedure.
- 5 If you want to change the position of the light strip once, you can use a standard double-sided adhesive tape or contact our customer support.

## 10. Bending Light Strip

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**Please note:** If the light strip is bent around corners (max. 90°), the copper-coloured interfaces must be located at the bending edge.

The light strip must never be bent at an LED. This can damage the entire light strip.



## 11. Shorten Light Strips

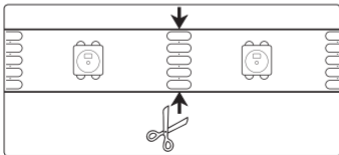
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Please note that basic electrical knowledge is required for this procedure. If you are unsure, please contact a specialist. If you need to shorten the LED-strip due to overlength, you can shorten it with scissors at the marked copper interfaces.

Ensure a clean cut and tape the end of the light strip with insulating tape. We assume no liability for damages that should occur due to the shortening of the light strip.

If necessary, the cut off LED Strip can be reconnected to the other part of the LED Strip. Please contact a qualified electrician for this.

**Please note:** By shortening the light strip yourself, any claim to your right of return expires. Only shorten the light strip if you are completely satisfied with the product.



## 12. Connect Extensions

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Make sure that the light strip is no longer supplied with power. Connect the extension to the end of the main light strip. Make sure that the polarity is correct. The strips must not be twisted. All LEDs or the adhesive strip must be on the same side throughout. After connecting the extension it is mandatory to enter the new length of the light strip in the Cololight App under "Device settings" -> "Set length".

The maximum length of the respective light strips can be found in the table. The Power Extension Cable is connected to the end of the light strip. This can be purchased from specialist dealers or at [www.cololight.de](http://www.cololight.de).

<b>Version</b>	<b>Max. length without power extension cable</b>	<b>Max. length with power extension cable</b>
30 LED	4 meters	8 meters
60 LED	3 meters	6 meters



## **13. Cleaning and Maintenance**

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The device should be cleaned regularly from impurities and dust.

Please proceed as follows:

1. disconnect the unit from the power supply.
2. use a fibre-free and slightly moistened cloth and wipe the silicone coating of the light strip with it.
3. do not use any cleaning agents.
4. do not open the power supply unit. In the event of a defect, please contact your specialist dealer or our customer service.

If you have any doubts or questions, please do not hesitate to contact our customer service.

## 14. Troubleshooting

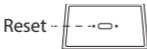
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### Cololight cannot be connected?

In case of pairing difficulties we recommend to reset the Cololight.

To do this, take a long and thin object (such as a paper clip or needle) and press the reset button to the left of the Cololight's activation button for at least 10 seconds.

As soon as green LEDs on the right side of the main controller light up, the reset process is completed.



**If problems remain, please check the following points:**

Did you grant all app permissions during installation?

Are GPS and Bluetooth enabled?

Is your Android or iOS version up-to-date?

Is your WiFi name shorter than 32 characters and does not contain any special characters?

Please check if the WiFi connection is possibly too weak and place Cololight closer to your router if necessary.

Please check if WiFi repeaters are in use and switch them off for a short time.

Guest WiFi's can cause problems. Please connect to the main WiFi.

Under certain circumstances it may help to temporarily deactivate the 5 Ghz frequency band of the WiFi through your router.

If you are still experiencing problems, please contact our customer service.

**Does Cololight have to be paired again after each start?**

No, the pairing is only needed once. Afterwards you can also deactivate the app permissions for location. Please note, if Cololight and the app are started at the same time, it can take up to one minute until Cololight is connected to the WiFi network. The app will then update itself.

**The light strip is flickering or stops?**

The problem is most likely caused by a too low power supply. Please make sure that a USB power supply with at least 2.4A output power is used and that the light strip does not exceed the maximum total length (see point 12).

**The extension does not light up?**

Please make sure that the Cololight App is set to the actual length of the light strip (see point 12).

**Still questions, suggestions or problems?**

Our customer service will be happy to help you with words and deeds.

**This is how you can reach us:**

By live chat at **[www.cololight.de](http://www.cololight.de)**

Through **Cololight\_DE** at Instagram

By phone at **+49 911 120 330121**  
(Mon-Fri 09-16, local rate)

Or by e-mail at  
**[support@cololight.de](mailto:support@cololight.de)**

## **Warranty Notice**

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We guarantee the buyer, for a period of 12 months, that the product has no material or manufacturing defects. Normal use in accordance with the intended use is assumed.

The warranty period begins with the date of purchase. A purchase receipt must be presented when making a warranty claim. Klaus Stephan GmbH assumes no liability of any kind neither for direct nor indirect damages, lost benefits or consequences from the use of the product.

In any case, any liability is limited to the amount paid for the product.

Not covered by warranty: Items without proof of purchase; modified items, items with defective housing or damage; items with unrecognizable product code, items that have been exposed to liquids, dirt or contaminants; items that have minor defects or deviations from product specifications that do not affect the value or function of the product.

## **Disposal Instructions**

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Following the transposition of the European Directives 2012/19/EU into national law, the following applies: Electrical and electronic devices must not be disposed of with household waste. The consumer is legally obliged to dispose of electrical and electronic devices at the end of their service life at public collection points set up for this purpose or at their dealer. Details are defined according to the national law of the respective country.



This symbol on the product, the instructions for use or the packaging, indicates that the product is subject to these regulations. With the recycling, material recovery or other forms of recycling of old equipment you make an important contribution to the protection of our environment.

## Support / Manufacturer

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### **Klaus Stephan GmbH**

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Germany

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[support@cololight.de](mailto:support@cololight.de)

Hotline: +49 911 120 330121  
(Mon-Fri 09-16, local rate)

## **Declaration of Conformity**

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Klaus Stephan GmbH hereby declares that this device is in compliance with the essential requirements and the other relevant provisions of Directive 2014/53/EU.

The declaration of conformity according to this directive can be found at [www.cololight.de/support](http://www.cololight.de/support).

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