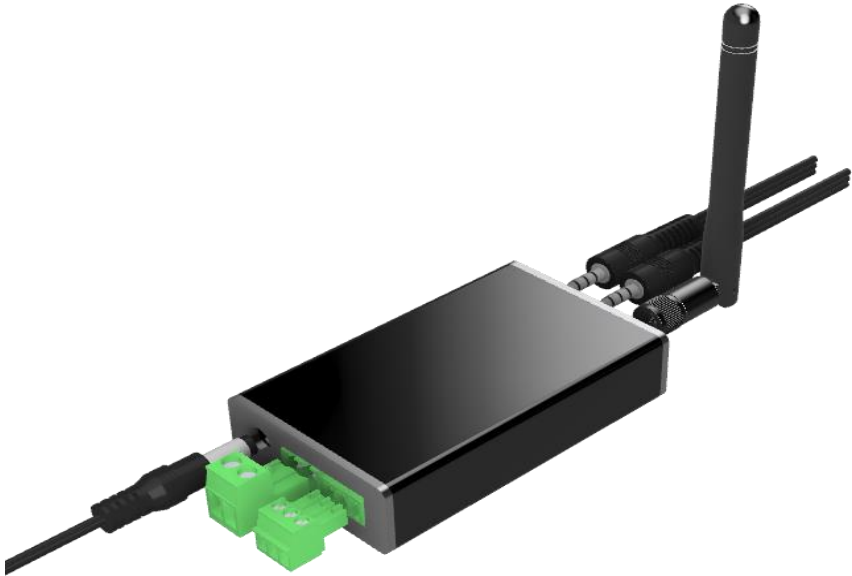




# CADSBI motion SMART



**CADSBI motion SMART LED Controller – the perfect solution for controlling addressable LED strips.**



EN

Operating and safety instructions



EN

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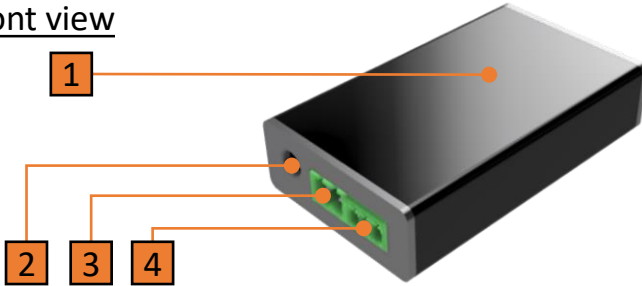
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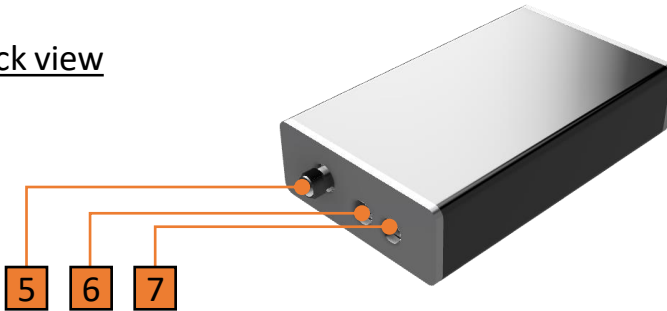


# Terminal assignment

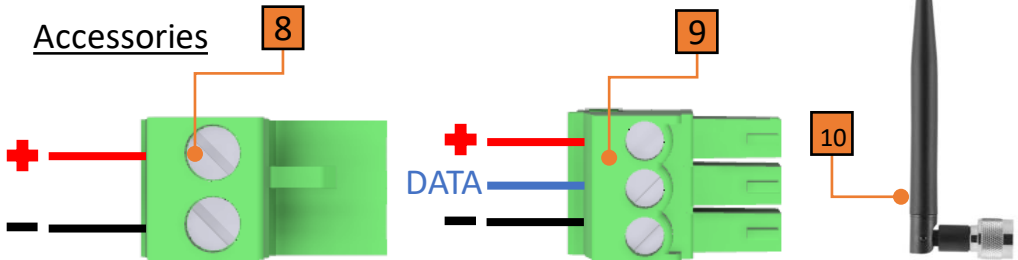
## Front view



## Back view








## Accessories



## Explanation

- |   |                             |    |                              |
|---|-----------------------------|----|------------------------------|
| 1 | LED Controller              | 7  | Infrared receiver connection |
| 2 | Socket for the power supply | 8  | Connector plug power supply  |
| 3 | Socket for the power supply | 9  | Connector plug LED strip     |
| 4 | LED connection socket       | 10 | External antenna             |
| 5 | Antenna connector           |    |                              |
| 6 | Microphone connector        |    |                              |

Legend of the image symbols used			
	Read instructions!		Danger and safety symbol Observe safety instructions!
	DC current / voltage		Warning! Danger due to electric shock!
<b>W</b>	Watt (active power)		Protection class III

## CADSBI motion SMART LED Controller

### • Introduction

Congratulations on the purchase of your new high quality LED controller. These operating instructions are an integral part of your purchased product. It includes important usage and safety instructions. Please familiarize yourself with all safety and operating instructions before using the controller.

The product may only be used in accordance with the technical data and specified areas of application of this documentation.

If the product is passed on to third parties, all documents must also be handed over.


### • Intended use

This product is suitable for indoor use only. The product's field of application is limited to private households and is therefore not intended for commercial use.

### • Scope of delivery

- 1 CADSBI motion SMART LED Controller
- 1 Instruction manual
- 1 external antenna
- 1 2pol. Plug
- 1 3pol. Plug

### • Technical data

Operating voltage:	24V, 12V, 5V 
Max Current:	4,6 A
Max LED. Current:	4,5 A
Stand By Consumption:	3,5 W
Operating temperature:	+18°C – 30°C
Air Humidity:	30% - 70% (Non condensing)


Protection class:







## Safety instructions

Attention! Damage caused by non-observance of the operating instructions will void the warranty! No liability is accepted in the event of consequential damage! No liability is accepted for personal injury or damage to property caused by failure to observe the safety instructions or by improper handling!

○  **WARNING! Danger to life and accident for infants and children!**

- Never leave your children unattended with the packaging material. There is a risk of injury and suffocation from the packaging material. Due to underestimation of the dangers, always keep children away from the product.
- This product does not belong in children's hands. It is not a toy. The dangers arising from handling the product cannot be recognized by children.
- This product can be used by children aged from 12 years and above and persons with reduced sensory, mental or physical capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the product in a safe way and understand the hazards involved. Cleaning and maintenance by children is not permitted. The product is not a toy. Children must not play with the product.
-  **CAUTION! DANGER OF OVERHEATING**  
Never operate the product in its packaging.
- To avoid accidental damage, it is advisable to store the product back in its packaging after use.
- Do not pull on the connected cables and ensure that the cables are laid without tripping.

- You can use the product on all normally flammable surfaces.
- Do not attach any additional objects to the product.

○  **Avoid danger to life from electric shock!**

- Before use, make sure that the existing operating voltage of the product matches the required operating voltage of the LED strips.
- Check the product for any damage before and after use.
- The device must never be used if damage is detected.
- The product does not contain any parts that can be serviced by the consumer.
- Use the product only with a suitable power supply (24V, 12V or 5V  $\overline{\text{---}}$  ) and a suitable LED strip (24V, 12V, 5V $\overline{\text{---}}$ , maximum 4.5A) otherwise any warranty claims will be void.
- Never open the product or insert sharp objects in the product.
- The product must be protected from mechanical stress and hot surfaces.
- In case of external cleaning, it is mandatory to disconnect the power supply of the product (unplug the power supply).
- Never touch plugs or the device itself if your hands are wet.
- Disconnect the product from the power supply if it will not be used for a long period of time (e. g. vacation).
- If you are not sure or have any questions about the product, please contact us.
- Note, the controller has a low power when switched off. To switch off the device completely, you must disconnect the device from the power supply.



## Application

### • Preparation

**IMPORTANT! Remove all packaging material from this product!**

Connect the external antenna **10** to the controller **1** via the antenna connection socket **5**

### • Establish voltage supply



**CAUTION! Avoid danger to life from electric shock!**



#### Plug-in power supply:

- Pay attention to the maximum output voltage of the power supply! (max. 24VDC)
- Connect your power supply unit to the socket for the voltage supply **2**

#### Power supply unit with open connection cable:

- Connect your power supply unit with the supplied connector Power supply **8**
- **Pay attention to the polarity of the plug and the connecting cable of the power supply!**

The pin assignment can be found on page 6. Please also pay attention to the maximum output voltage of your power supply! (**max. 24VDC**)

- Connect the wired connector plug **8** to the controller **1**
- To do this, insert the power supply connector plug **8** into the power supply socket. **3**

### • Establish connection

When you have successfully established the power supply, you can connect to the controller as follows:

- Open your wireless settings (this may differ depending on your device).
- Search for "WLED-AP" under available networks
- Establish a connection with "WLED-AP"
  - SSID: WLED-AP
  - Password: WLED1234
- Then open your Internet browser (Firefox, Internetexplorer, Edge, etc.).
- Enter **4.3.2.1** in the address bar.
- On the home screen, you now have access to your controller's controls.

### • Usage

A detailed list and description of the controller's functionalities can be found at the following links:

<https://www.cadsbi-shop.de/downloads/>  
<https://github.com/Aircookie/WLED/wiki>

#### APP:



iOS



Android

## • Cleaning and maintenance



### **CAUTION! RISK OF ELECTRIC SHOCK**

First disconnect the power supply between the controller and the power supply unit.



### **CAUTION! RISK OF ELECTRIC SHOCK**

Due to electrical safety, never clean the product with water or other liquids or even immerse it in water. Do not use solvents, gasoline or similar. The product may be damaged in the process.

We recommend using a soft lint-free cloth or a soft brush for cleaning.

- This product is guaranteed for 2 years from the date of purchase. Keep the original sales receipt in a safe place. This serves as proof of your purchase. The warranty period begins on the date of purchase.
- Should a material or manufacturing defect occur within 2 years from the date of purchase of this product, the product will be repaired or replaced free of charge after inspection by us. If the product has been improperly used, damaged or serviced, the warranty will be void.
- The warranty service applies exclusively to material or manufacturing defects. Excluded from this warranty are product parts that are subject to normal wear and tear (e. g. connectors).

## • Disposal

- The packaging is made of recyclable materials which you can dispose of at your local recycling center.
- In the interest of environmental protection, when your product has reached the end of its service life, do not dispose of it in the household waste. Dispose of it properly.
- You can find out about the possibilities and information on disposing of the discarded product from your local municipality and city administration as well as from your local recycling center.

## • Warranty

- The delivered product was conscientiously checked before delivery and carefully produced according to strict quality guidelines. Should you find any defects in the product, you are entitled to legal rights against the seller of the product. The legal rights are not limited by our following warranty explanation.

## • **Warranty processing**

**Please note the following information to ensure that your request is processed quickly:**

- Please have proof of purchase ready for all inquiries, including the invoice number as well as the item number. Refer to the nameplate on the product for the part number.
- If there are any functional errors or other defects, please contact us first. You can find the contact options below.
- A product recorded as defective can then be returned to us, enclosing the original purchase receipt and stating the description of the defect and the date of occurrence.

## • **Service**



Daniel Smith & Patrick Brademann GbR  
(CADSBI Smith & Brademann GbR)  
Lönsstraße 11  
D-34125 Kassel  
info@catsbi.de





# CADSBI motion SMART



**Thank you for chosen CADSBI.  
Enjoy your new Controller.**