

1 Intended use

In conjunction with the HOMAG CUBE, the LED box controls the LED strips to realize the pick-by-light applications.

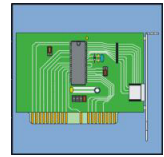


Note

This device is not suitable for use in areas frequently used by children.

Features	Values
Connection voltage	100–240 V AC
Frequency	50 / 60 Hz
Current consumption	1.0–3.0 A
Operating temperature	0–50 °C

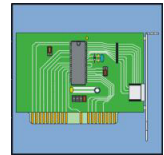




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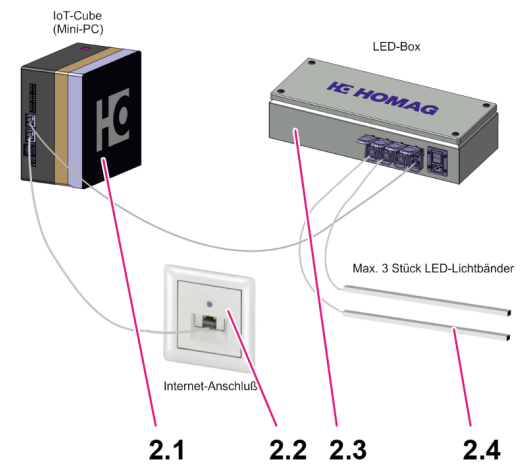




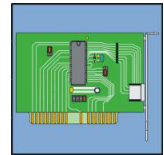
2 Functions / sequences

The LED box can control one to three LED strips simultaneously. To enable the function, a HOMAG CUBE and the "HOMAG productionAssist" or "HOMAG materialAssist" app are required.

The appropriate app for the respective application must be connected to the corresponding hardware during initial startup. The function is then available and the LED strips can be controlled via the app.



2.1	HOMAG CUBE
2.2	Internet Connection
2.3	LED box
2.4	Light bands



3 Operation



Note

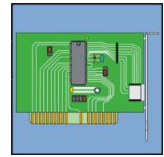
- The LED box may be used in indoor spaces only.
- The LED box should not be exposed to direct sunlight or heat radiation.



Danger

Risk of eye damage due to bright light of the LED strips

- During operation, do not look at the LED strips for a long time.



3.1 Connections



Note

Connect the LED box to suitable power supplies only. For this purpose, note the information on the type plate.

XD1 mains connection/mains switch

Connection for cold appliance plug **3.1**

On/off switch for the LED box **3.2**

Ethernet connection ETH1

Ethernet cable connection to HOMAG CUBE **3.3**

Connections for LED strips XD101-103 **3.4**

Here, the LED strips can be connected in any order. However, the recommendation is to connect the LED strips in the corresponding order.



Note

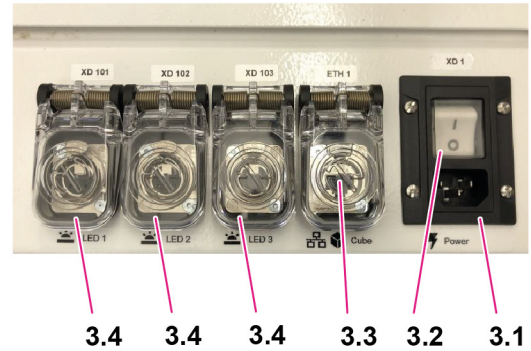
- Connect only the LED strips supplied or strips available from HOMAG as accessories to the LED box.
- Never attempt to connect other strips to the device.



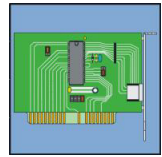
Caution

The device may be damaged

- Never shorten the LED strips supplied.



3.1	Connection for plug for cold devices
3.2	LED box on/off switch
3.3	Ethernet cable connection
3.4	LED strip connection



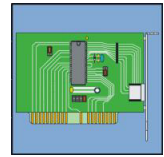
3.2 Assembly

For assembly, note the information in the installation instructions enclosed **3.5**.



3.5

3.5 Installation instructions



3.3 Commissioning

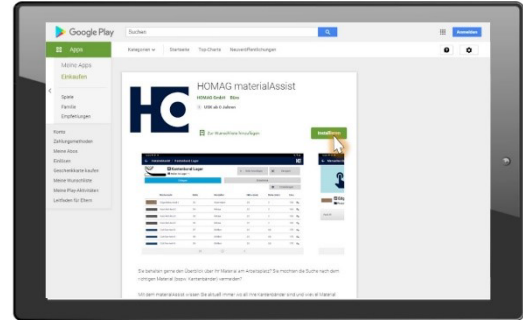
For commissioning, a mobile end device is required (e.g., a tablet).

For commissioning, you also need a HOMAG CUBE.

- Install either the "HOMAG productionAssist" app or the "HOMAG materialAssist" app on the mobile end device.

You can find these apps in the Google Play Store or the App Store.

In the app, you can configure settings for the LED strips. For more information on installation and operation, see the corresponding app.

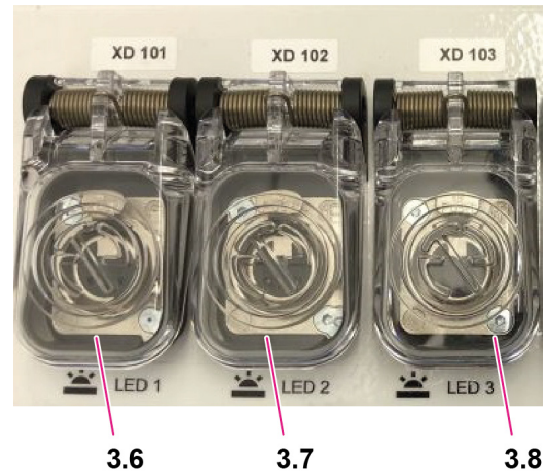


Note



To log into the app you need a tapio account.

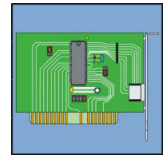
- Connect the LED strips to the LED box (XD 101, XD 102, XD 103) **3.6 - 3.8**. To do this, fold back the cover of the plug-in contacts and insert the connection cables. The order is not important here. They can be inserted in any order. However, it is recommended that you connect them in order.



3.6–3.8 LED strip connection

- Pull the plug slightly to check whether it has engaged correctly.





- Connect the Ethernet cable from the HOMAG CUBE to the LED box at "ETH 1" **3.9**. To do this, fold back the cover of the plug-in contacts and insert the Ethernet cable.
- Pull the plug slightly to check whether it has engaged correctly.



3.9

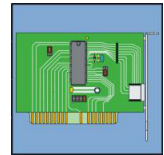
3.9 Ethernet connection

- Check whether the switch **3.10** is set to "0" (off).
- If this is not the case, move the switch to this position.
- Insert the mains connection cable to the LED box at "XD 1" **3.11**.



3.10 **3.11**

3.10	Switch
3.11	Mains plug



- Then connect the other end of the connection cable to the power supply. To do this, insert the end in a suitable socket.
- Switch on the switch **3.10**. To do this, move the switch to position "1" (on).



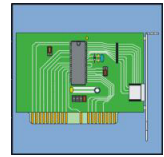
Note

Observe the information about the power supply on the type plate **3.12**.



3.12

3.12 Type plate



4 Routine maintenance / Care

Cleaning

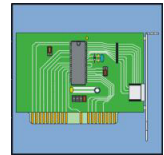
Cleaning should be performed with a slightly damp cloth.

If there is only a low level of dirt, it is usually sufficient to clean the surface with water. Soft cleaning agents such as liquid cleaning materials are suitable. After cleaning, wipe the surface with a dry cloth.



Note

- Do not use any aggressive cleaning agents, abrasives or abrasive pads to clean the box.
- Do not spray or pour any liquids directly onto the device.



5 Troubleshooting



Note

If malfunctions in the box persist, please contact a service technician.




 [Service](#)



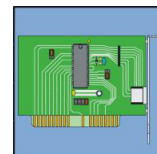
Danger


Risk of dangerous electrical voltage within the LED box

- The housing of the LED box may be opened only by a qualified electrician who has undergone the relevant training.
- Before opening the housing, disconnect the power plug.

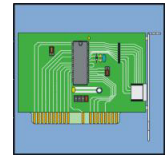
error description Situation	Possible cause	Remedies
1.0 LED box no longer works/LED box no longer outputs signals	Connection cable has become loose.	➤ Check whether the connection cable is still inserted correctly.
	Fuse has triggered.	➤ Have the fuse replaced by a qualified electrician or ➤  Service
	Hardware defect	➤  Service
2.0 LED box does not respond to app commands, status light on the CUBE flashes white	Internet connection faulty	➤ Check whether the Ethernet cable is still inserted correctly. ➤ Check that the router is working. ➤ Waiting
	3.0 LED strip is no longer working correctly or is no longer working at all	
	LED strip defective	➤ Replace LED strip or ➤  Service
	Connection cable of the strips has come loose.	➤ Check whether the connection cable is still inserted correctly.





	error description Situation	Possible cause	Remedies
		The fuse of the LED box has triggered, therefore no activation of the LED strips.	<ul style="list-style-type: none">➤ Have the fuse replaced by a qualified electrician or➤  Service
		LED box defective, therefore it is not possible to control the LED strips	<ul style="list-style-type: none">➤ Check box.





6 Disposal

In accordance with Directive 2012/19/EU –
Waste electrical and electronic equipment

This product must not be disposed of with
unsorted municipal waste. Please dispose of
the device in accordance with the valid
regulations in your country or return it to:

HOMAG GmbH

Homagstrasse 3–5

72296 Schopfloch

or:

HOMAG Plattenaufteiltechnik GmbH

Holzmastr. 3

75365 Calw-Holzbronn, Germany

