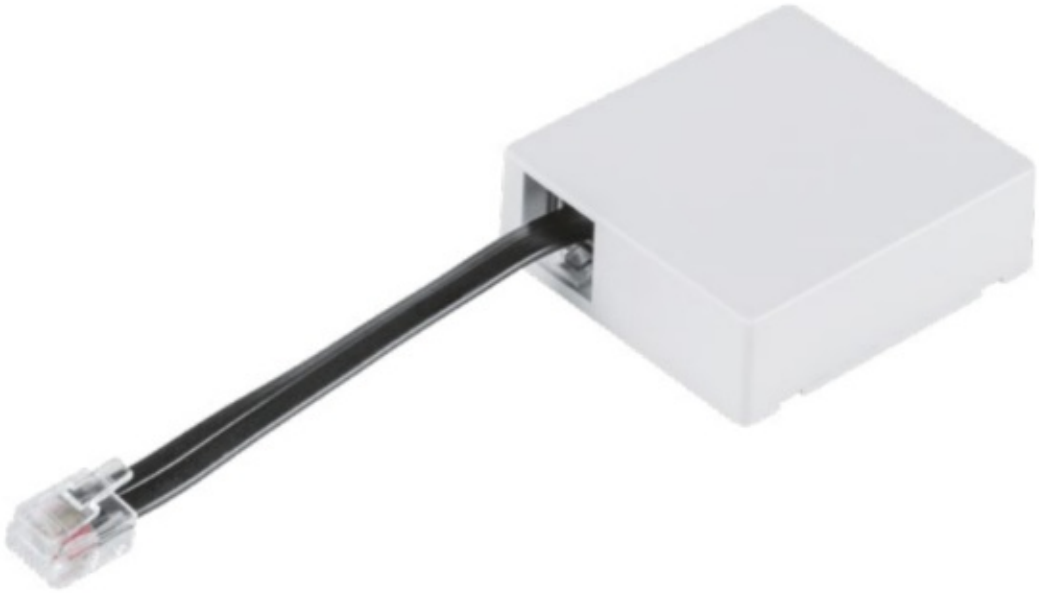
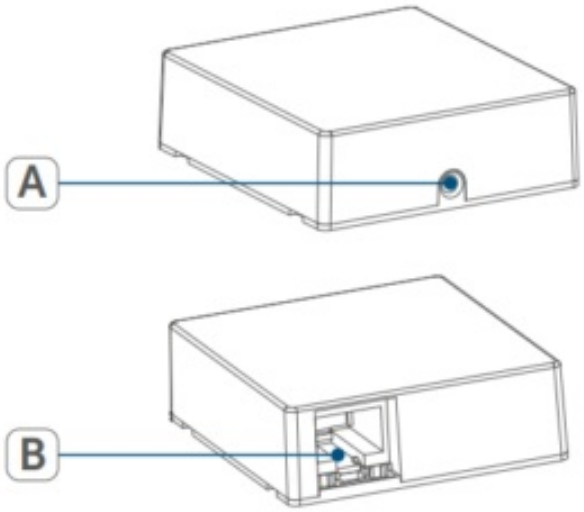
Homematic IP HmIP-MOD-HO Wireless Module User Manual

homematic IP

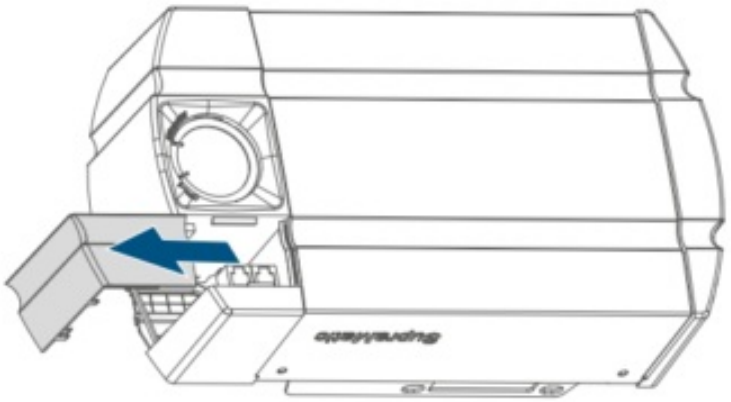
Installation and operating manual
Module for Hormann drives
HmIP-MOD-HO



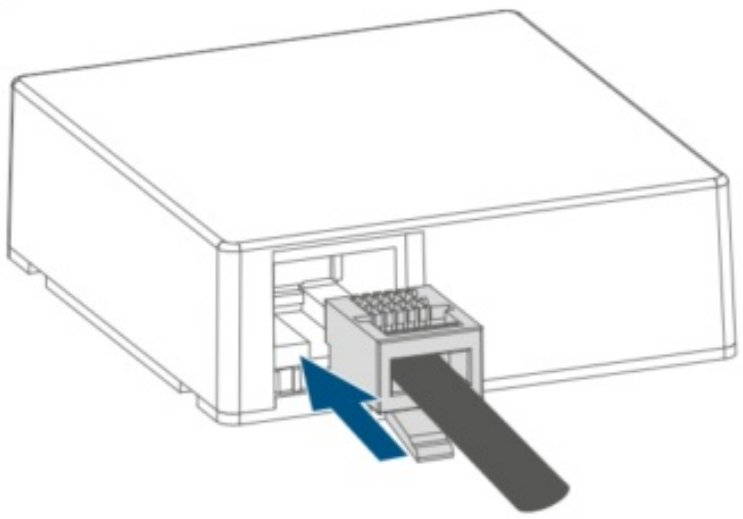
1



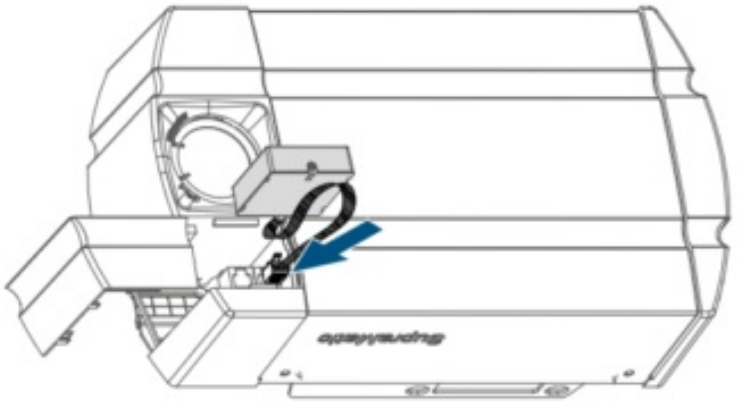
2



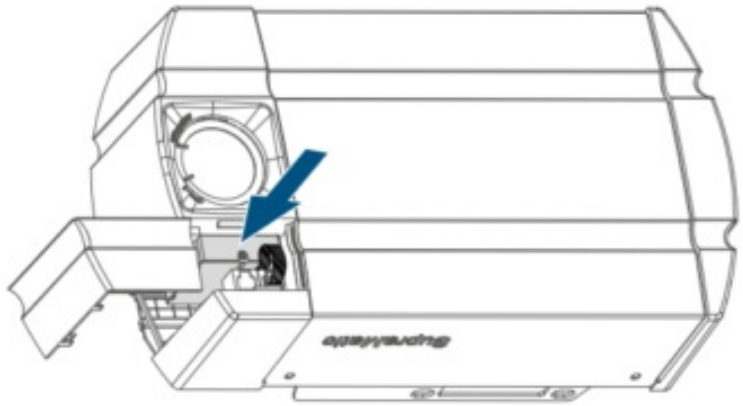
3



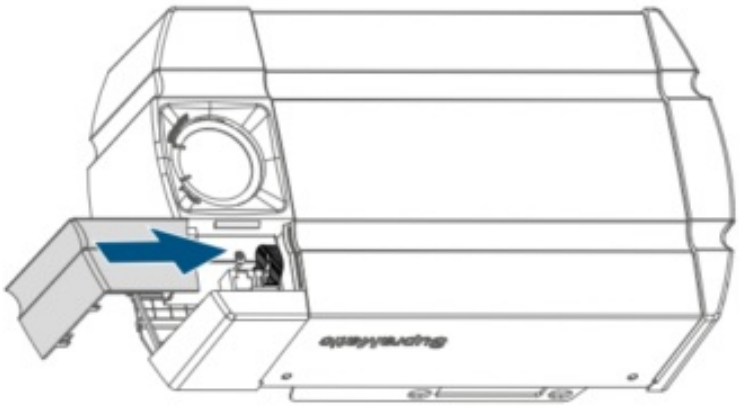
4



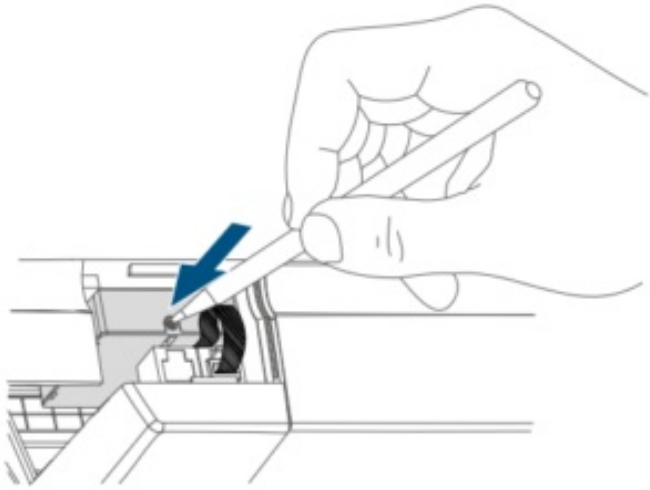
5



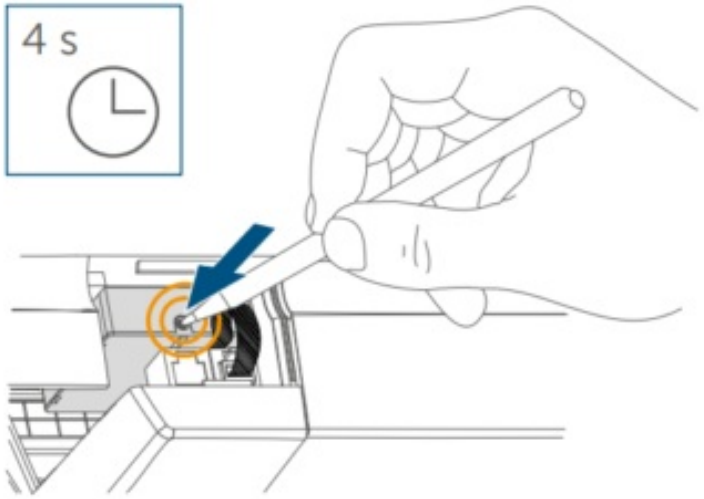
6

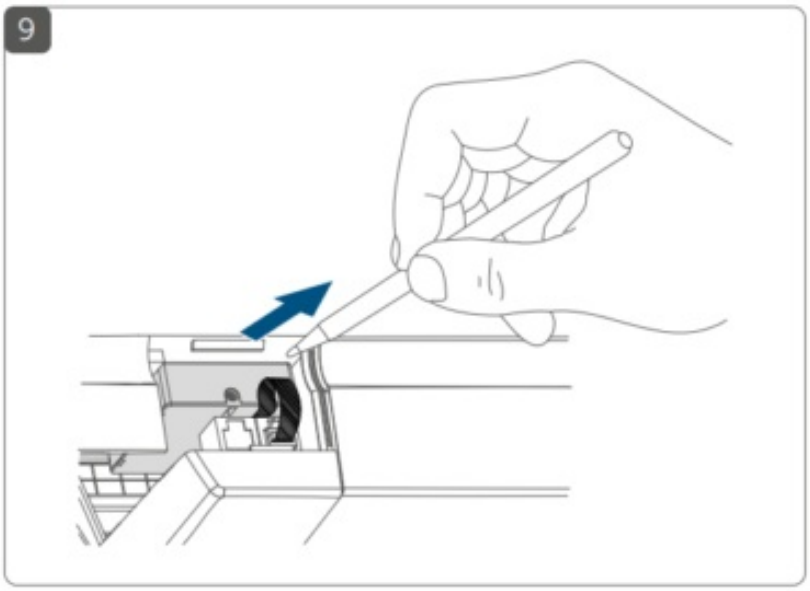


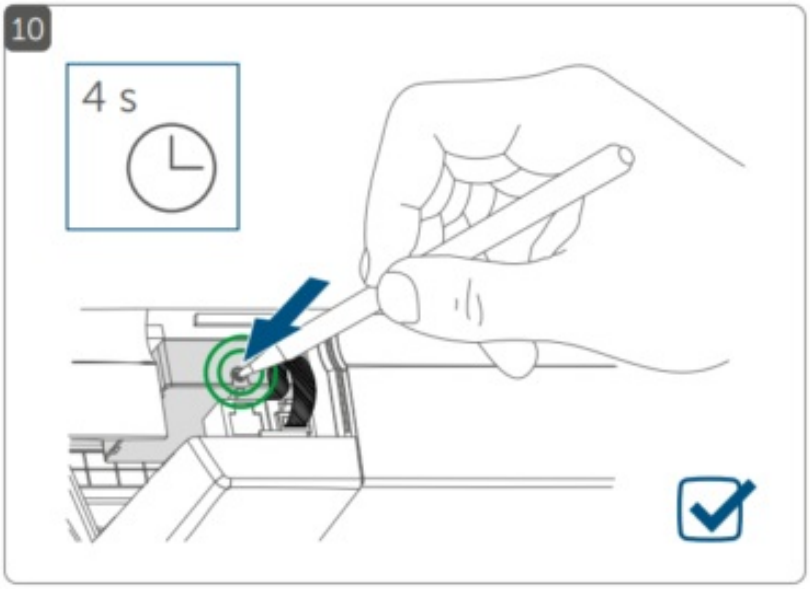
7



8







Contents

Information about this manual

Read this manual carefully before beginning operation with your Homematic IP components. Keep the manual so you can refer to it at a later date if you need to.
If you hand over the device to other persons for use, hand over this manual as well.

Symbols used:

	**Attention!** This indicates a hazard.
	**Please note:** This section contains important additional information.

Hazard information

	The device does not contain any parts that can be maintained by the user. In the event of an error, ha ve the device checked by an expert?
	For safety and licensing reasons (CE), unauthorized change and/or modification of the device is not permitted.
	The device may only be operated in a dry and dust-free environment and must be protected from the effects of moisture, vibrations, solar or other methods of heat radiation, cold and mechanical loads.
	The device is not a toy; do not allow children to play with it. Do not leave packaging material lying aro und. Plastic films/bags, pieces of polystyrene, etc. can be dangerous in the hands of a child.
	Do not use the device if there are signs of damage to the housing, control elements, or connecting s ockets, for example, or if it demonstrates a malfunction. If you have any doubts, have the device checked by an expert.
	We do not assume any liability for damage to property or personal injury caused by improper use or t he failure to observe the hazard information. In such cases, any claim under warranty is extinguished! For consequential damages, we assume no liability!
	The device may only be used with a compatible Hörmann drive.
	The device may only be connected to the Hörmann drive using the supplied connecting cable.
	Using the device for any purpose other than that described in this operating manual does not fall with in the scope of intended use and shall invalidate any warranty or liability. This also applies to any co nversion or modification work.
	The product does not require any maintenance. Enlist the help of an expert to carry out any repairs.
	The device may only be operated within residential buildings.

Function and device overview

Via the Homematic IP Module for Hörmann drives, Hörmann garage door drives are simply integrated into the Homematic IP smart home system.
After integration into the Homematic IP system, the garage door is controlled via a smartphone app in a comfortable and smart way.

Device overview (see figure 1):
(A) System button (teach-in button and device LED)
(B) Connecting terminal

General system information

This device is part of the Homematic IP smart home system and works with the Homematic IP protocol. All devices of the system can be configured comfortably and individually with the user interface of the Central Control Unit CCU3 or flexibly via the Homematic IP smartphone app in connection with the Homematic IP cloud. All available functions provided by the system in combination with other components are described in the Homematic IP Wired Installation Guide. All current technical documents and updates are provided at **www.homematic-ip.com**.

Start-up

Installation

Read this entire section before starting to install the device.

The module is compatible with the following Hörmann drives:

- SupraMatic series 3 E/P from index Ci
- SupraMatic HT3
- RotaMatic/P/PL series 1 (from 09/2010) and series 2
- LineaMatic/P/H series 1 (from 10/2009) and series 2
- VersaMatic/P
- WA300 S4
- WA300 R S4SupraMatic/ProMatic series 4 (Hör- Mann HAP1 HCP adapter required, ordering no. 170046)
- Tiptronic 700-2/800-2 (Hörmann HAP1 HCP adapter required, ordering no. 170046)
- RollMatic 2 (Hörmann HAP1 HCP adapter required, ordering no. 170046)

The device is an extension module and easily integrated into compatible Hörmann drives.

- Remove the cover of the garage door drive (see figure 2).
- Plugin the supplied connecting cable into the connecting terminal (B) of the module (see figure 3).
- Plug the other end of the connecting cable into the connecting terminal for the bus of the garage door drive (see figure 4).
- Insert the module into the expansion slot of the garage door drive provided (see figure 5).
- Put the cover back on (see figure 6).

Teaching-in

	Read this entire section before starting the teach-in procedure.
	First set up your Homematic IP Access Point via the Homematic IP app to enable the operation of ot her Homematic IP devices within your system. For further information, refer to the operating manual of the Access Point.
	You can connect the device either to the Access Point or to the Homematic Central Control Unit CC U2/CCU3. For detailed information, refer to the Homematic IP User Guide, available for download in the download area of **www.homematic-ip.com**.

To integrate the module into your system and enable it to communicate with other Homematic IP devices, it has to be connected to your Homematic IP Access Point first.
To connect the module, proceed as follows:

- Open the Homematic IP app on your smartphone.
- Select the menu item “Teach-in device”.
- After connecting the module to the power supply, the teach-in mode remains activated for 3 minutes.

You can manually start the teach-in mode for another 3 minutes by pressing the system button (A) briefly (see figure 7).

- Your device will automatically appear in the Homematic IP app.
- To confirm, enter the last four digits of the device number (SGTIN) in your app or scan the QR code. Therefore, see the sticker supplied or attached to the device.
- Wait until the connection is completed.
- If the connection was successful, the device LED (A) lights up green. The device is now ready for use.
- If the device LED lights up red, try again.
- Please select, which application you would like to use the device.
- Allocate the device to a room and give the device a name.

Troubleshooting

Command not confirmed

If at least one receiver does not confirm a command, the device LED (A) lights up red at the end of the failed trans-mission process. The failed transmission may be caused by radio interference (see “8 General information about radio operation” on page 33). The failed transmission may also be caused by the following:

- The receiver cannot be reached.
- The receiver is unable to execute the command (load failure, mechanical blockade, etc.).
- The receiver is defective.

Duty cycle

The duty cycle is a legally regulated limit of the transmission time of devices in the 868 MHz range. The aim of

this regulation is to safeguard the operation of all devices working in the 868 MHz range.
In the 868 MHz frequency range we use, the maximum transmission time of any device is 1% of an hour (i.e. 36 seconds in an hour). Devices must cease transmission when they reach the 1% limit until this time restriction comes to an end. Homematic IP devices are designed and produced with 100% conformity to this regulation. During normal operation, the duty cycle is not usually reached. However, repeated and radio-intensive teach-in processes mean that it may be reached in isolated instances during start-up or initial installation of a system. If the duty cycle is exceeded, this is indicated if the device LED (A) lights up red, and may manifest itself in the device temporarily working incorrectly. The device starts working correctly again after a short period (max. 1 hour).

Error codes and flashing sequences

Flashing code	Meaning	Solution
Short orange flashing	Radio transmission/ attempti ng to transmit/data transmis sion	Wait until the transmission is completed.
lx long green lighting	Transmission confirmed	You can continue operation.
Short orange flashing (every 10 s)	Teach-in mode active	Enter the last four numbers of the device serial n umber to confirm (see “5.2 Teaching-in” on page 29).
lx long red lighting	Transmission failed or duty c ycle limit is reached	Try again (see sec. “6.1 Command not confirmed ” on page 30 or “6.2 Duty cycle” on page 31).
6x long red flashing	Device de- fective	Have a look at your app for error messages or co ntact your retailer.
lx orange and lx green lightin g (after the power supply is a pplied)	Test display	Once the test display has stopped, you can conti nue.

Restore factory settings

The factory settings of the device can be restored.
If you do this, you will lose all your settings.

To restore the factory settings of the module, proceed as follows:

- Press and hold down the system button (A) for 4 seconds (see figure 8) until the device LED (A) starts to flash orange quickly.
- Release the system button again (see figure 9).
- Press and hold down the system button again for 4 seconds, until the LED lights up green (see figure 10).
- Release the system button to finish the procedure.

The device will perform a restart.

General information about radio operation

Radio transmission is performed on a non-exclusive transmission path, which means that there is a possibility of interference occurring.
Interference can also be caused by switching operations, electrical motors, or defective electrical devices.

The range of transmission within buildings can differ greatly from that available in the open air. Besides the transmitting power and the reception characteristics of the receiver, environmental factors such as humidity in the vicinity have an important role to play, as do on-site structural/ screening conditions.

eQ-3 AG, Marburger Straße 29, 26789 Leer, Germany hereby declares that the radio equipment type Homematic IP HmIP-MOD-HO is compliant with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at **www.homematic-ip.com**

Technical specifications

Device short name:	HYIP-MOD-HO
Supply voltage:	via the Hörmann HCP bus
Ambient temperature:	-20 to +60 °C
Protection class:	III
Pollution degree:	2
Dimensions (W x H x D):	48 x 52 x 16 mm
Weight:	26 g
Radio frequency band:	868.0-868.6 MHz/869.4-869.65 MHz
Maximum radiated power:	10 dBm
Receiver category:	SRD category 2
Typ. open area RF range:	250 m
Duty cycle:	< 1 % per h/< 10 % per h

Subject to technical changes.

Instructions for disposal

Do not dispose of the device with regular domestic waste! Electronic equipment must be disposed of at local collection points for waste electronic equipment in compliance with the Waste Electrical and Electronic Equipment Directive.

Information about conformity

CE The CE sign is a free trading sign addressed exclusively to the authorities and does not include any warranty of any properties.

For technical support, contact your specialist dealer.

Kostenloser Download der Homematic IP App!
Free download of the Homematic IP app!

Download on the App Store	
https://itunes.apple.com/de/app/homematic-ip/id1012842369?mt=8	https://play.google.com/s

Manufacturer’s authorised representative:

eQ-3 AG
Maiburger Straße 29
26789 Leer / GERMANY
www.eQ-3.de

Documents / Resources

	Homematic IP HmIP-MOD-HO Wireless Module [pdf] User Manual HmIP-MOD-HO, Wireless Module, HmIP-MOD-HO Wireless Module

References

- Startseite - eQ-3
- Home page | Homematic IP

Manuals+,