

Installation and User Manual Hemmafönster wireless handle

Hemmafönster wireless handle

for windows



for balcony doors



1. Product description and function

Hemmafönster wireless window handles are designed as a comfort component for a smart home or building automation system. The radio window handle is designed for commercially available turn windows. It reports its current position by radio to a suitable Smarthome system. The positions "closed" and "open or vented" are transmitted. The "closed" position is additionally monitored with a frame-integrated magnet. The Hemmafönster wireless window handle uses Z-Wave as wireless protocol. The handle can be operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and/or other applications. All non-battery powered devices on the network act as repeaters to increase the reliability of the network.

2. Safety instructions



- Please read this manual and keep it in a safe place.
- Please observe and follow the safety instructions.
- The mounting and operating instructions must be observed when installing and using the product.
- To ensure the safety of children and other vulnerable persons with limited mental or health abilities, care must be taken that:
 - the product is not used for playing;
 - screws or keys, as well as other swallowed items, are left unattainable;
 - the product is not mounted or not operated by children or other vulnerable persons;
 - the product of children and persons in need of protection is restricted only if a person responsible for safety has supervised them or have been instructed in the safe use of the product or the hazards associated with the product;
 - the product is handled by a child or other person under the supervision of an adult;
- The product must be checked regularly for perfect fit and support, as well as for proper operation when installed.
- In the case of signs of defects or in the event of damage or loss of individual parts of the product, the handle may not be used.
- Only spare parts supplied by HOPPE may be used.
- HOPPE assumes no responsibility for any damage to the protection resulting from improper installation or operation. It also assumes no responsibility for inappropriate use and consequential damage.
- The radio transmitters must not come into direct contact with moisture or water. The handle is only suitable for dry interior areas.
- When changing from a cold to a warm environment, wait a few hours before operating the handles to avoid possible damage from condensation.
- The unauthorized conversion and / or modification of the handles is not permitted, since otherwise the safety is not given and the warranty expires.
- The Hemmafönster wireless window handle is used to display the opening state of the window or the balcony door. The system signals the opening states "vented", "open" and "closed".
- The product is not intended for safety monitoring.

- Any use other than the one described above is not intended and can result in personal injury or property damage.
- In unfavorable electromagnetic environment, interference may occur during radio transmission.

- **Safety instructions for batteries:** 

Observe correct polarity (+/-)

Keep away from children. If swallowed, seek medical advice immediately

Only use batteries of the type specified.

Do not disassemble, short circuit, or dispose of batteries.

All batteries should be replaced at the same time. Mixing old and new batteries can lead to leakage of the batteries and damage the unit.

Avoid contact with the skin when handling batteries.

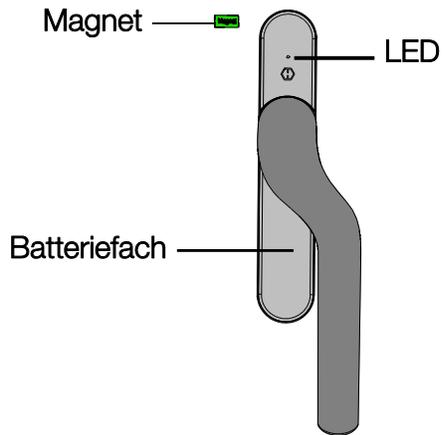
3. How does the Hemmafönster wireless window handle work?

Hemmafönster wireless window handles are designed as a comfort component for a smart home or building automation system. The wireless window handle is designed for commercially available rotating windows. It reports its current gripping position by radio to a suitable Smarthome system. The positions "closed" and "open or vented" are transmitted. The "closed" position is additionally monitored with a frame-integrated magnet. The Hemmafönster wireless window handle uses Z-Wave as wireless protocol. The handle can be operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers and / or other applications. All non-battery powered devices on the network act as repeaters to increase the reliability of the network.

4. Behavior in Z-Wave network

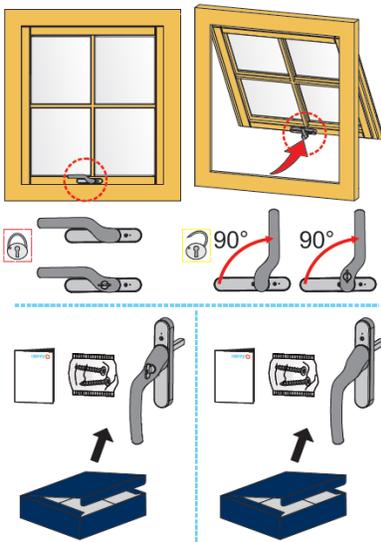
In the delivery state, the wireless window handle is not connected to any Z-Wave network. In order to communicate with other Z-Wave devices, it must be integrated into an existing Z-Wave network. This process is called Z-Wave **Inclusion**. Devices can also leave networks. This process is called Z-Wave **Exclusion**. Both processes are started by a controller, which must be switched to an inclusion or exclusion mode. The controller manual contains information on how to switch these modes. Only if the controller of the Z-Wave network is in the Inclusion mode devices can be added. If the handle changes the network, it must first be excluded from the existing network, otherwise no new inclusion is possible.

3.2. Description

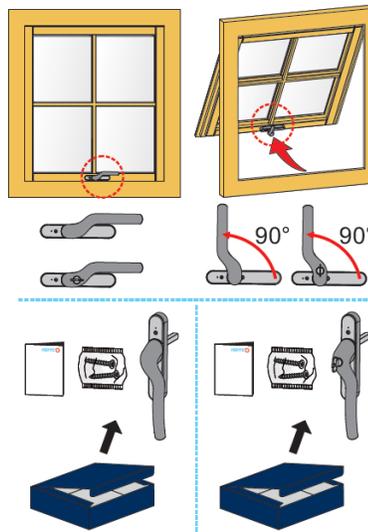


4. Operation/ delivery of window handles

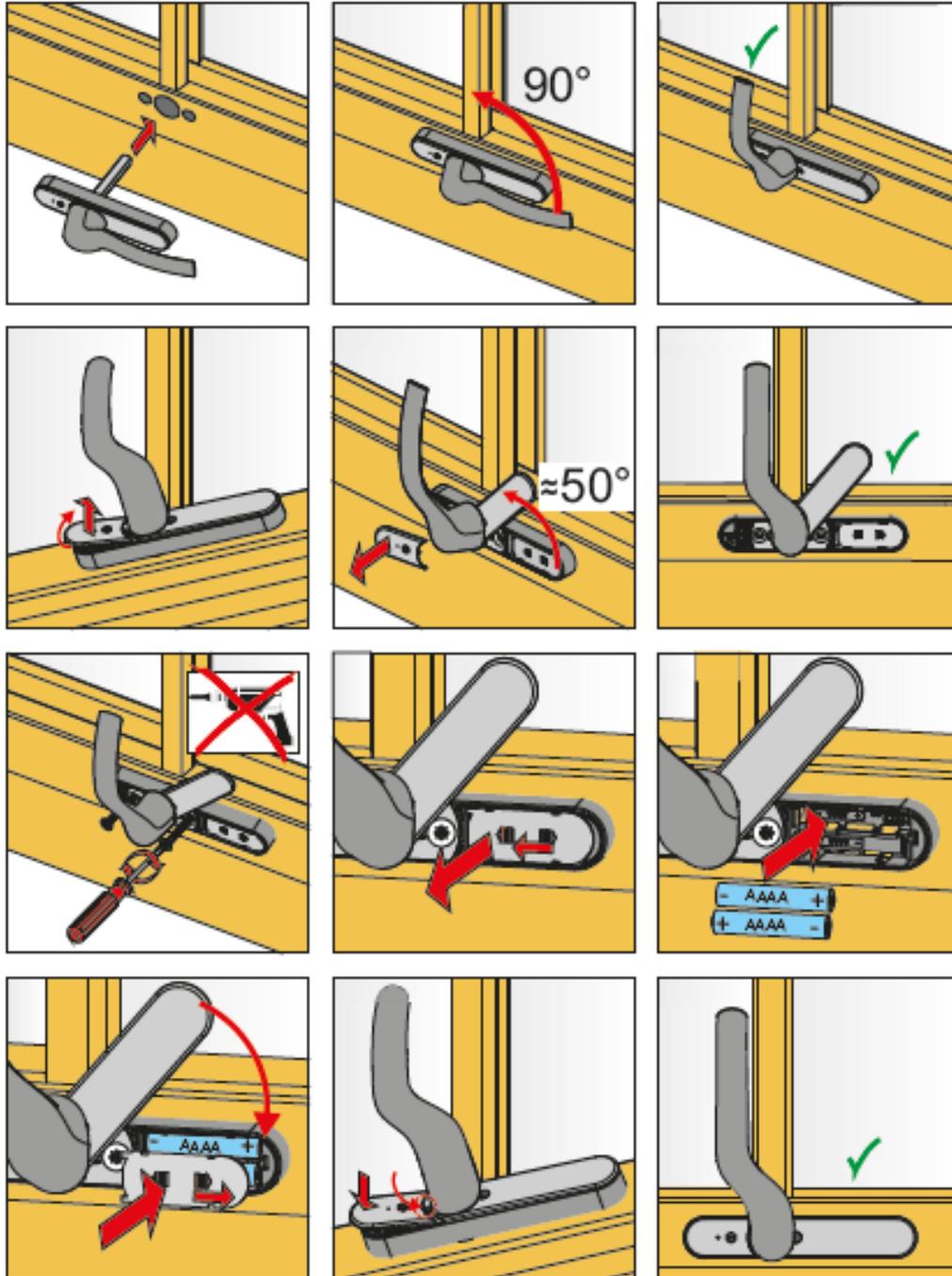
Left handles



right handles



5. Installation

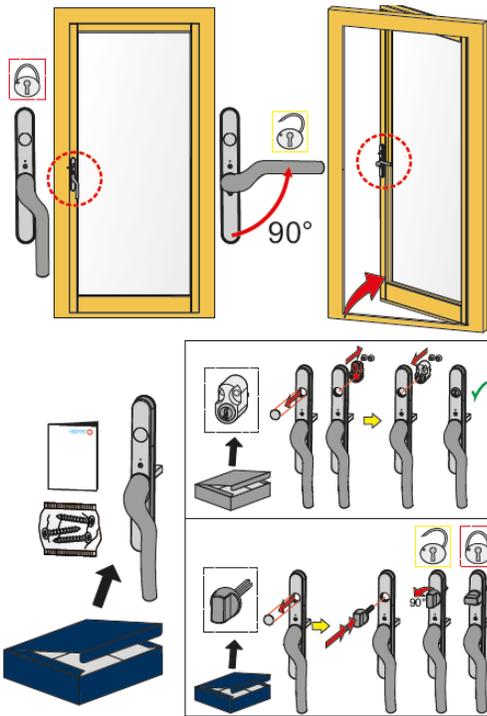


Batteries are not included.

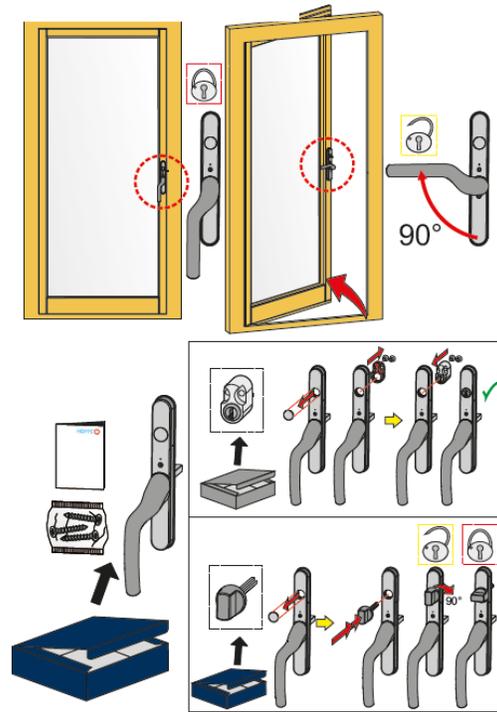
Required are batteries of type AAAA.

6. Operation/delivery of balcony door handles

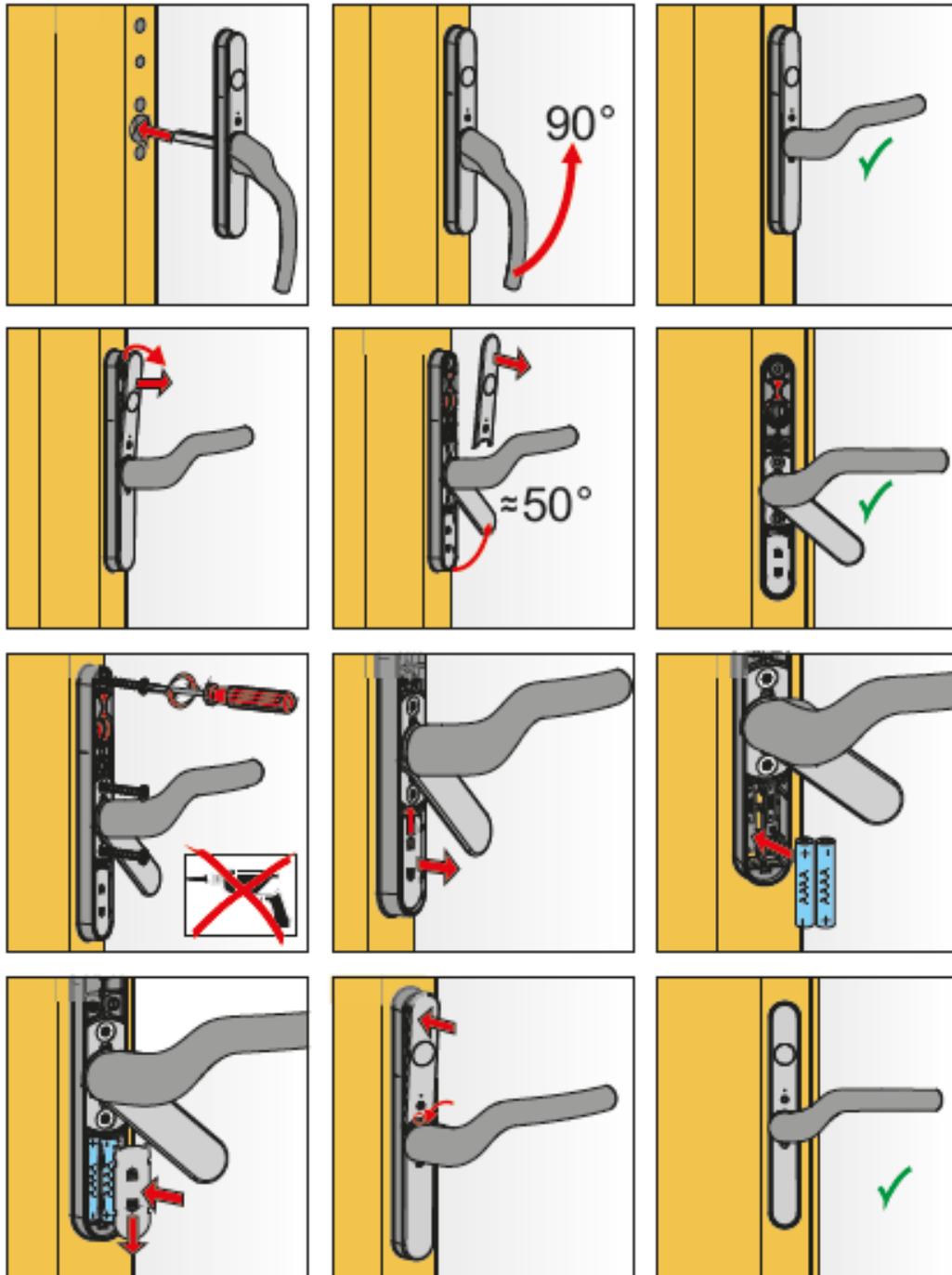
left



right



7. Installation



Batteries are not included

Required are batteries of type AAAA.

8. Teaching process (inclusion)

A Z-Wave network controller in Z-Wave terminology can be connected to the **wireless** window handle. If you want to use a Z-Wave network controller, you must add the wireless window handle to the network. Proceed as follows:

1. Set the receiver to the teach-in mode
2. With the window open, change the handle position at least six times within three seconds, causing the green LED to flash continuously;
3. The wireless window handle should now be added to the Z-Wave network.
4. The green LED flashes once (1 second) when the handle is successfully added.

9. Remove from network (exclusion)

To remove the handle from your Z-Wave network, do the following:

1. Open the window / door.
2. Set the Z-Wave controller to the Exclude mode;
3. With the window open, change the handle position at least six times within three seconds, causing the green LED to flash continuously;
4. The wireless window handle should now be removed from the Z-Wave network.
5. The red LED flashes once (1 second) if the handle has been successfully excluded.

10. Reset to delivery condition

1. Open the handle.
2. Change window / door position at least 6 times, stop when window / door is open.
3. Then change the handle position at least 6 times. All this should be completed within 10 seconds.

Important: Use this procedure only if the primary network controller is missing or otherwise inoperable.

11. Manual Wakeup

Normally, the handle sleeps to save batteries. He periodically wakes up (by default, once per hour) and sends a wake-up message, after which he can receive messages before he falls asleep again. The user can, e.g. for configuration purposes, request an additional wakeup notification via the following "manual wakeup" procedure:

1. Open handle and then window / door
2. Change the handle position, wait until the green LED flashes and then within 1 second change the handle position again
3. After 2 seconds, the green LED blinks twice, the wakeup procedure starts.

12. Technical specifications

Hemmafönster wireless handle, compatible with Z-Wave®
Frequency 868.40; 868.42; 869.85 MHz
Bandwidth 250 KHz
Transmission power 2mW (range up to 40m in free-field)
Temperature range Storage -20 ° C to + 50 ° C
Temperature range Operation 0 ° C to + 50 ° C
Max. Permissible relative humidity 20% - 80%, non-condensing

12. Disposal



Product

The symbol on the product indicates that the product must not be disposed of via normal household waste. According to the European Directive WEEE 2012/19 / EU, users are obliged to return the WEEE to a collection point for WEEE.

The separate collection and proper disposal of your old equipment contributes to the preservation of natural resources and guarantees a reuse which protects the health of the human being and protects the environment. Information on where to find recovery points for your old equipment is available from your local authority, the local waste disposal service or the shop where you purchased the device.

Replace defective or used batteries according to European Directive 2006/66 / EC.

Observe local regulations for separate disposal of batteries.

Packaging for environmentally sound recycling.

Batteries

Batteries do not belong to household waste and must be disposed of in accordance with local regulations.

13. CE conformity

The Hemmafönster wireless window handle is marked with the CE symbol.

HOPPE Holding AG hereby confirms for this product the conformity with the following guidelines:

EN 300 220-1 / 2

EN 301 489-1 / 3

EN 60950-1: 2006

The declaration of conformity has been deposited with HOPPE Holding AG.

Guarantee declaration

In addition to and in addition to the defect liability of the seller, we grant a durability guarantee under the following conditions and in the extent described below. As a manufacturer, we guarantee the perfect functionality of properly used HOPPE door and window fittings.

This functional warranty covers the following features:

Transmission of the rotary movement to the door lock or the turn / tilt fitting of the window

Locking mechanism (for window handles with the special functions: lockable, self-locking lock or Secustik®)

Warranty Exclusion:

Except for this functional warranty, all replaceable parts, such as, in particular, screws, connecting pins, etc. For electronic components, a 24-month warranty applies. Furthermore, no liability is assumed for damage caused by:

unsuitable and improper use,

faulty and negligent treatment,

disregard of installation and maintenance instructions, alterations and self-repairs,

chemical and physical influences, not caused by proper use, on the material surface, eg damage caused by sharp-edged objects,

improperly functioning elements (door, windows) and / or fittings (eg lock, band, etc.).

Warranty services:

Our warranty is that, in the event of a defect in the mechanical performance during the warranty period, we will, at our discretion, carry out the repair of the product free of charge for the first-time user or a free replacement delivery of a corresponding or similar and equivalent fitting. Costs, expenses, postage, etc., which are not covered by the guarantee recipient, are not replaced. The guarantee claim exists only on presentation of the product as well as proof that the defect has occurred in the mechanical functional integrity within the warranty period. This proof may be provided, in particular, by presentation of the proof of purchase. It is therefore recommended to keep the purchase slip carefully at least until the end of the warranty period.

Warranty Time:

The warranty period is 10 years and begins with the day of purchase by the first-end consumer. In the case of complaints, please contact the seller or the manufacturer directly with the product and the purchase document.