

Hörmann 436728

Hörmann HET/S 2 BiSecur 868 MHz Receiver Instruction Manual

1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Hörmann HET/S 2 BiSecur 868 MHz Receiver. Please read these instructions carefully before beginning any procedures and keep them for future reference.

2. SAFETY INSTRUCTIONS

- Installation and electrical connections must be performed by qualified personnel only.
- Disconnect power before performing any installation, maintenance, or repair work.
- Ensure the operating voltage matches the receiver's specifications (230 - 240 Vac / Vdc).
- Protect the device from moisture and extreme temperatures. The protection class is IP44.
- Do not modify the receiver or its components. Unauthorized modifications can lead to malfunction and void the warranty.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged:

- Hörmann HET/S 2 BiSecur 868 MHz Receiver
- Power adapter (if included with specific kit)
- Mounting hardware (screws, anchors)
- This instruction manual

4. SETUP

4.1 Mounting the Receiver

Select a suitable location for mounting the receiver, ensuring it is protected from direct weather exposure and within range of the BiSecur transmitters. The device has an IP44 protection rating, suitable for outdoor use with limited exposure to water splashes.

1. Mark the drilling points on the wall or mounting surface using the receiver's mounting tabs as a template.
2. Drill holes and insert appropriate anchors if necessary.
3. Secure the receiver firmly using screws.

4.2 Electrical Connections

WARNING: Ensure power is disconnected before making any electrical connections.

The HET/S 2 receiver features two potential-free relays for controlling external devices. Connect the power supply and relay outputs as follows:

- **Power Supply:** Connect the 230 - 240 Vac / Vdc power supply to the designated terminals. Observe correct polarity if using DC power.
- **Relay Outputs:** Connect the devices to be controlled (e.g., gate operator, lighting) to the two potential-free relay contacts. Each relay can handle a switching capacity of 30Vdc / 2.5A (resistive load) or 250Vac / 500W (resistive load).



Image: The Hörmann HET/S 2 BiSecur receiver (grey box) connected to its power adapter, illustrating the main components for setup.

5. OPERATING

5.1 Pairing with BiSecur Transmitters

The HET/S 2 receiver operates on the BiSecur 868.3 MHz frequency and must be paired with compatible Hörmann BiSecur transmitters.

1. Activate the learning mode on the receiver (refer to the specific instructions for your receiver model, usually a button press).

2. Within the learning window, press the desired button on your BiSecur hand transmitter.
3. The receiver will confirm successful pairing (e.g., via an LED indicator).
4. Repeat for the second channel if desired, using a different button on the transmitter or another transmitter.

5.2 Functionality

Each of the two relays can be configured for different functions:

- **Activate/Deactivate:** Toggles the connected device on or off with each press.
- **Pulse:** Provides a momentary contact closure, typically used for gate or garage door operators.

Refer to the receiver's internal settings or dip switches (if applicable) for specific configuration options.

6. MAINTENANCE

The Hörmann HET/S 2 BiSecur receiver is designed for low maintenance. Regular checks can ensure optimal performance.

- **Cleaning:** Periodically wipe the exterior of the receiver with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Annually inspect the wiring for any signs of wear, damage, or loose connections. Ensure the mounting is secure.
- **Functionality Test:** Regularly test the receiver's operation with your transmitters to ensure reliable communication.

7. TROUBLESHOOTING

If you experience issues with your receiver, consult the following table:

Problem	Possible Cause	Solution
Receiver does not respond to transmitter.	No power to receiver. Transmitter not paired. Transmitter battery low. Interference.	Check power supply. Perform pairing procedure (Section 5.1). Replace transmitter battery. Reduce distance or remove obstacles.
Connected device does not activate.	Incorrect wiring. Device malfunction. Receiver relay fault.	Verify all wiring connections. Test the connected device independently. Contact support if receiver is suspected faulty.
Short range.	Obstacles (metal, concrete). Interference from other devices. Receiver or transmitter antenna obstructed.	Relocate receiver or transmitter. Identify and remove interfering devices. Ensure antennas are clear.

8. SPECIFICATIONS

- **Model:** Hörmann HET/S 2 BiSecur Receiver
- **Model Number:** 436728
- **Frequency:** 868.3 MHz BiSecur
- **Function:** Activate / Deactivate or Pulse
- **Relays:** 2 potential-free relays
- **Operating Voltage:** 230 - 240 Vac / Vdc
- **Switching Capacity:** 30Vdc / 2.5A (resistive load), 250Vac / 500W (resistive load)
- **Protection Class:** IP44
- **Number of Channels:** 2
- **Dimensions:** 110 × 45 × 40 mm

9. WARRANTY

Hörmann products are manufactured to the highest quality standards. This product is covered by a manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region and purchase date. Please retain your proof of purchase for warranty claims. For detailed warranty information, refer to the documentation provided with your product or contact your local Hörmann dealer.

10. SUPPORT

For technical assistance, troubleshooting beyond this manual, or spare parts, please contact your authorized Hörmann dealer or visit the official Hörmann website. When contacting support, please have your product model number (436728) and purchase information readily available.