

Hörmann HE3 BS 868 MHz

Hörmann HE3 BS 868 MHz Receiver User Manual

Model: HE3 BS 868 MHz

1. PRODUCT OVERVIEW

The Hörmann HE3 BiSecur receiver is a unidirectional receiver designed for controlling various drives and commands. It features three independent channels, powered by BiSecur radio technology, ensuring secure and reliable communication. The third channel is specifically activated and functional only when paired with certain special drive models.

This receiver provides 3-function control, allowing for actions such as opening/closing, partial opening, and light activation. The unit is housed in a separate enclosure and includes a 0.5-meter connection cable with 4 wires and a plug for easy integration.



Figure 1: Hörmann HE3 BS 868 MHz receiver unit. This image displays the grey rectangular receiver box with its product label 'HÖRMANN HE3-868-BS CE0682 058E'. A white cable extends from one end, splitting into four colored wires (brown, yellow, green, white) that connect to a black 5-pin connector. A small mounting tab with a hole is visible at the opposite end of the receiver.

2. SAFETY INSTRUCTIONS

- Read this manual thoroughly before installation and operation.
- Installation must be performed by a qualified electrician in accordance with local electrical codes and regulations.
- Ensure the power supply is disconnected before performing any installation, wiring, or maintenance.
- Protect the receiver from moisture, extreme temperatures, and direct sunlight.
- Do not open the receiver housing; there are no user-serviceable parts inside.
- Keep packaging materials away from children.

3. SETUP AND INSTALLATION

The HE3 BiSecur receiver is designed for integration into existing drive systems. Follow these general steps for installation:

1. **Mounting:** Secure the receiver unit in a suitable, protected location near the drive system. Use the integrated mounting tab for attachment.

2. **Wiring:** Connect the 0.5-meter, 4-wire connection cable to the corresponding terminals on your drive or control unit. Refer to your drive system's manual for specific wiring diagrams. The four wires typically correspond to power, ground, and two control signals for the three functions.
3. **Power Supply:** Ensure the receiver receives the correct power supply as specified by Hörmann.
4. **Pairing:** Once physically installed and powered, the receiver needs to be paired with your BiSecur remote controls or transmitters. Consult the specific instructions for your Hörmann remote control and drive system for the pairing procedure.

Note: The third channel's functionality (e.g., light control) may require specific drive models or configurations. Verify compatibility with your existing Hörmann drive system.

4. OPERATING INSTRUCTIONS

Once the HE3 BiSecur receiver is correctly installed and paired with your BiSecur transmitter, you can operate your drive system using the remote control. The receiver supports three distinct functions:

- **Open/Close:** Typically assigned to a primary button on your remote, this function controls the main movement of the drive (e.g., garage door opening or closing).
- **Partial Opening:** This function allows for a limited opening of the drive, useful for pedestrian access or ventilation without fully opening the main gate/door.
- **Light Control:** When supported by your drive system and configured, this function can activate or deactivate an integrated light on the drive unit.

Refer to your BiSecur remote control's manual for details on button assignments and how to activate each of these three functions.

5. MAINTENANCE

The Hörmann HE3 BS 868 MHz receiver is designed for maintenance-free operation. However, periodic checks can help ensure its longevity and reliable performance:

- **Visual Inspection:** Periodically check the receiver and its connection cable for any signs of damage, wear, or corrosion.
- **Cleaning:** If necessary, gently wipe the exterior of the receiver with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Environmental Protection:** Ensure the receiver remains protected from direct weather exposure, excessive dust, or moisture, as its IP20 rating indicates protection against solid objects larger than 12.5mm but no protection against water.

Do not attempt to repair the receiver yourself. Contact a qualified technician if you suspect a malfunction.

6. TROUBLESHOOTING

If you experience issues with your Hörmann HE3 BS 868 MHz receiver, consider the following troubleshooting steps:

- **No Response from Drive:**
 - Check if the receiver is correctly powered.
 - Verify that the remote control is functioning (e.g., battery check).
 - Ensure the remote control is properly paired with the receiver. Re-pair if necessary according to your remote's instructions.

- Check the wiring connections between the receiver and the drive unit for looseness or damage.

- **Limited Range:**

- Ensure there are no large metallic objects or other sources of radio interference between the remote and the receiver.
- Check the receiver's mounting location; it should not be obstructed.

- **Third Channel Not Working:**

- Confirm that your drive system is compatible with and supports the third channel function.
- Verify that the third channel is correctly configured and activated in your drive system's settings.

If the problem persists after these steps, contact Hörmann customer support or a qualified service technician.

7. SPECIFICATIONS

Feature	Specification
Carrier Frequency	868 MHz
Coding	BiSecur 128 bit
Protection Class	IP 20
Dimensions (L x W x H)	135 x 30 x 32 mm
Weight	1 kilogram
Channels	3 (third channel dependent on drive model)
Connection Cable	0.5 m, 4-wire with plug
Manufacturer	Hörmann

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your original purchase or contact your authorized Hörmann dealer. Hörmann products are typically covered by a manufacturer's warranty against defects in materials and workmanship.

If you require technical assistance, have questions about installation, or need to report a malfunction, please contact:

- Your authorized Hörmann dealer or installer.
- Hörmann customer service (contact details can usually be found on the official Hörmann website or in your product packaging).

When contacting support, please have your product model (HE3 BS 868 MHz) and any relevant purchase information readily available.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question