

Hormann IT1b-1 (4511646)

Hormann IT1b-1 Internal Push Button

INSTRUCTION MANUAL

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Hormann IT1b-1 Internal Push Button (Model 4511646). This illuminated push button is designed for convenient control of your garage door opener, offering reliable functionality and compatibility with specific Hormann systems.

Please read this manual carefully before installation and use to ensure proper function and safety.

2. Safety Information

- **Installation:** Installation should only be performed by qualified personnel or individuals with sufficient technical understanding.
- **Power Disconnection:** Always disconnect power to the garage door opener before performing any installation or maintenance.
- **Environment:** This device is designed for use in dry indoor environments only. Do not expose it to moisture, rain, or extreme humidity.
- **Temperature:** Ensure the operating temperature remains within the specified range of -20 °C to +60 °C.
- **Cables:** Ensure all cables are properly secured and protected from damage.
- **Children:** Keep the device and its cables out of reach of children.

3. Package Contents

Verify that all items are present in the package:

- 1 x Hormann IT1b-1 Internal Push Button
- Integrated 7-meter connection cable (2-wire)
- Instruction manual (available in 26 languages)

4. Specifications

Model:	IT1b-1 (4511646)
Brand:	Hormann
Operating Mode:	On-off-on
Rated Current:	1 Ampere
Contact Type:	Normally Open
Switch Type:	Push Button
Terminal Type:	Physical (2-wire)
Material:	Plastic (Housing), Stainless Steel (Contact)
Dimensions (L x W x H):	8 x 8 x 4.5 cm
Circuit Type:	1-way
Mounting Type:	Surface Mount
Connector Type:	Plug In
Actuator Type:	Push Button
Number of Positions:	2
Operating Temperature Range:	-20 °C to +60 °C
Control Method:	Touch
Connectivity Protocol:	Wired (2-wire)
Color:	White (RAL 9010)
International Protection Rating:	IP00 (for dry environments only)
Certifications:	CE
Compatibility:	Hormann SupraMatic HT, Hormann RollMatic

5. Setup (Installation)

Before beginning installation, ensure the power to your garage door opener is disconnected.

- Choose Location:** Select a suitable, dry indoor location for mounting the push button. Ensure it is easily accessible but out of reach of small children.
- Mount the Button:** The IT1b-1 is designed for surface mounting. Secure the push button housing to the wall using appropriate screws and wall plugs (not included). You may need to drill holes for mounting.
- Route the Cable:** The push button comes with an integrated 7-meter, 2-wire cable. Route this cable from the push button to your Hormann garage door opener (e.g., SupraMatic HT or RollMatic). Ensure the cable is not pinched or damaged and is secured along its path.

4. **Connect to Opener:** At the garage door opener, locate the terminals for external push buttons. These are typically labeled. Strip a small amount of insulation from the ends of the two wires from the IT1b-1 cable. Insert the two wires into the designated terminals on your opener. The connection is non-polarized, so the order of the wires does not matter.
5. **Secure Connections:** Ensure the wires are securely fastened in the terminals.
6. **Restore Power:** Once all connections are secure and verified, restore power to your garage door opener.
7. **Test Functionality:** Press the IT1b-1 push button to test its operation. The garage door should open or close. The large button will illuminate, indicating power and readiness.

Note: Refer to your specific Hormann garage door opener manual for detailed wiring diagrams and terminal locations.

6. Operating Instructions

The Hormann IT1b-1 Internal Push Button provides simple, single-button control for your compatible garage door opener.

- **Illumination:** The large push button is continuously illuminated, making it easy to locate in low-light conditions.
- **Opening/Closing:** To operate your garage door, simply press the illuminated button once.
- **Stop Function:** If the door is in motion, pressing the button again will stop the door.
- **Cycle:** Subsequent presses will cycle the door through its open, stop, close, stop sequence.

7. Maintenance

The Hormann IT1b-1 Internal Push Button requires minimal maintenance to ensure long-term reliable operation.

- **Cleaning:** Clean the surface of the push button with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the plastic.
- **Inspection:** Periodically inspect the cable for any signs of wear, fraying, or damage. Ensure the button is securely mounted to the wall.
- **Environment:** Ensure the button remains in a dry environment, as it is not rated for outdoor or wet conditions (IP00).

8. Troubleshooting

If you experience issues with your Hormann IT1b-1 push button, refer to the following common problems and solutions:

- **Button does not respond:**
 - Check if the garage door opener has power.
 - Verify that the 2-wire cable is securely connected to both the push button and the garage door opener terminals.
 - Inspect the cable for any breaks or damage.
 - Ensure compatibility with your specific Hormann opener model (SupraMatic HT, RollMatic).
- **Illumination is off:**

- The illumination is powered by the opener. If the button is not illuminated, check the power supply to the opener and the cable connections.
- If the button functions but the light is off, there might be an internal issue with the illumination circuit.

- **Garage door stops or reverses unexpectedly:**

- This issue is typically related to the garage door opener's safety features or limits, not the push button itself. Refer to your garage door opener's manual for troubleshooting safety sensors, force settings, or limit switches.
- Ensure the button is not being pressed accidentally or intermittently.

If the problem persists after attempting these solutions, contact Hormann customer support or a qualified technician.

9. Warranty & Support

Hormann products are manufactured to high-quality standards and undergo rigorous testing. For specific warranty terms and conditions, please refer to the documentation provided with your product at the time of purchase or visit the official Hormann website.

For technical support, spare parts, or service inquiries, please contact your local Hormann dealer or customer service department. Ensure you have your product model number (IT1b-1) and serial number (if applicable) ready when contacting support.