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› Hormann WLAN-Gateway including Adapter (for Garage Doors, 24 V, White, numerous functions, Smart Home) 4510910

Hormann 4510910

Hormann WLAN-Gateway Instruction Manual

Model: 4510910

PRODUCT OVERVIEW

The Hormann WLAN-Gateway is an intelligent device designed to seamlessly integrate your Hormann garage door operators into various Smart Home systems, including Apple Home, Amazon Alexa, and Google Home/Google Assistant. This gateway provides comprehensive control over your garage door operators, enhancing convenience and efficiency.



Figure 1: Hormann WLAN-Gateway. This image shows the compact white unit of the gateway, featuring a prominent Wi-Fi symbol on its front, indicating its wireless connectivity capabilities.

KEY FEATURES

- **Smart Home Integration:** Enables seamless connection with Apple Home, Amazon Alexa, and Google Home/Google Assistant for intelligent control and linking with other smart devices.
- **Robust Construction:** Features IPX4 protection against splashing water and environmental influences, making it suitable for outdoor use.
- **Wide Temperature Range:** Operates reliably in temperatures from -20 °C to +60 °C.
- **Efficient Power:** Utilizes a 24 V DC operating voltage for secure and efficient control.
- **Compact Design:** Dimensions of 80 × 80 × 35 mm allow for discreet installation.

PACKAGE CONTENTS

The package includes the following items:

- 1x Hormann WLAN-Gateway
- 1x 2-meter 6-core connection cable (Note: A longer connection cable may be required for connection to garage door operators.)

SETUP

Installation Steps

1. **Prepare the Garage Door Operator:** Ensure your Hormann garage door operator is powered off before beginning installation.
2. **Connect the Gateway:** Locate the designated port on your garage door operator. Connect the 6-core connection cable from the WLAN-Gateway to this port. *Note: For some garage door operators, a longer connection cable might be necessary.*
3. **Power On:** Restore power to the garage door operator. The gateway will power on automatically.
4. **Activate Bus Scan (for Supramatic P4 and similar models):** For certain models like Supramatic P4, it is essential to activate the bus from the door operator. This is typically done via the operator's programming menu. An example sequence for Supramatic P4 is: **PRG (long press) → 37 → PRG (short press) → 01 → PRG (long press)** This sequence activates the bus scan, which is required for the gateway to receive power and communicate.

Pairing with Smart Home Systems

The gateway supports integration with Apple HomeKit, Amazon Alexa, and Google Home/Google Assistant. The pairing process is generally straightforward:

- **For Apple HomeKit:**
 - a. Open the Apple Home app on your iOS device.
 - b. Tap the "+" icon to add an accessory.
 - c. Scan the HomeKit QR code located on the WLAN-Gateway or its packaging.
 - d. Follow the on-screen prompts to complete the pairing.
- **For Amazon Alexa / Google Home:**
 - a. Ensure your Amazon Alexa or Google Home app is installed and configured.
 - b. Open the respective app and navigate to the device addition section.
 - c. Search for "Hormann" or "Garage Door" skills/devices.
 - d. Follow the app's instructions to link your Hormann account (if applicable) and discover the gateway.

Tip: Hormann provides helpful "How-To" videos online, particularly on platforms like YouTube, which can guide you through the pairing process for different smart home systems.

OPERATING INSTRUCTIONS

Once successfully integrated with your Smart Home system, you can control your garage door operator using voice commands or through the respective app.

- **Voice Control:** Use commands such as "Hey Siri, open the garage door," "Alexa, close the garage door," or "Ok

- Google, is the garage door open?" (Exact commands may vary based on your Smart Home system configuration).
- **App Control:** Use the Apple Home app, Amazon Alexa app, or Google Home app to manually open, close, or check the status of your garage door.
 - **Routines and Automations:** Configure routines or automations within your Smart Home app to automate garage door operations (e.g., open when you arrive home, close at a specific time).

MAINTENANCE

The Hormann WLAN-Gateway is designed for low maintenance. Follow these guidelines to ensure optimal performance:

- **Cleaning:** Wipe the exterior of the gateway with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Environmental Conditions:** Ensure the gateway is not exposed to extreme temperatures outside its specified operating range (-20 °C to +60 °C) or excessive moisture beyond its IPX4 rating.
- **Firmware Updates:** Periodically check for firmware updates through your Smart Home app or Hormann's official support channels to ensure compatibility and access to new features.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Gateway not responding / No power.	Incorrect connection to garage door operator. Bus not activated on operator (e.g., Supramatic P4). Power supply issue.	Verify the connection cable is securely plugged into the correct port. Ensure the bus function is activated on your garage door operator (refer to your operator's manual or the "Setup" section). Check the power supply to the garage door operator.
Cannot pair with Smart Home system.	Incorrect pairing steps. Wi-Fi signal strength is weak. Gateway already paired with another device.	Review the "Pairing with Smart Home Systems" section. Consider using a Wi-Fi extender if the gateway is far from your router. The gateway is designed to be paired with one primary device/system. If you wish to use it with multiple devices, ensure your Smart Home system supports multi-user access.
Garage door not responding to commands.	Poor Wi-Fi connection. Interference with other wireless signals (e.g., Bluetooth). Garage door operator issue.	Check your Wi-Fi network and gateway's connection status. Relocate the gateway or other interfering devices if possible. Ensure the garage door operator itself is functioning correctly with its standard controls.

SPECIFICATIONS

Feature	Detail
Model Number	4510910

Feature	Detail
Operating Voltage	24 V DC
Protection Class	IPX4 (Splash-proof)
Temperature Range	-20 °C to +60 °C
Dimensions (L×W×H)	80 × 80 × 35 mm
Color	Pure White RAL 9010
Connection Cable Length	2 m (6-core)
Connectivity Technology	WLAN
Compatible Devices	Garage Door Operators
Maximum Supported Devices	10 (referring to smart home devices connected to the gateway, not garage door operators)

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official Hormann website or contact your local Hormann dealer. Keep your purchase receipt as proof of purchase for warranty claims.

Manufacturer: Hormann
Country of Origin: Germany

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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

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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