

Somfy 1328595

Somfy Access 1841229 io Receiver User Manual

Model: 1328595

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Somfy Access 1841229 io Receiver. This radio receiver is designed to integrate with various entrance gates and garage doors, enabling control through Somfy io commands. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

Adhering to these safety guidelines is crucial for preventing damage to the product and ensuring user safety.

- **Water Exposure:** Avoid water splashes on the product. The receiver is rated IP55, indicating protection against dust and low-pressure water jets, but direct water exposure should be minimized.
- **Installation Environment:** Do not install the product in an exposed environment where it might be subjected to extreme conditions beyond its operating specifications.
- **Temperature Range:** Ensure the installation location maintains the temperature range specified for the product.
- **Safety Devices:** When activating a gate with Somfy remote control devices and applications (TaHoma, Connexoon), the use of safety devices such as photocells and safety edges is mandatory.
- **Power Supply:** The device operates on 230 Volts. Ensure proper electrical connections are made by a qualified professional.

3. PRODUCT FEATURES

- **Model:** Somfy Access 1841229 io Receiver
- **Protection Index:** IP55 (Protected against dust and low-pressure water jets)

- **Output Relays:** Equipped with two normally open, potential-free output relays.
- **Control:** Activated by one of four sequential control buttons.
- **Relay Activation:** Pressing the memorized button on the io radio transmitter closes the corresponding relay for 1 second.
- **Compatibility:** Compatible with any entrance gate or garage door operator. Can be controlled via Somfy io commands, 2-way transmitters, TaHoma, or Connexoon pilots.
- **Frequency Range:** 868 MHz
- **Maximum Range:** 1000 meters
- **Voltage:** 230 Volts
- **Connectivity Protocol:** RF

4. SETUP AND INSTALLATION

The Somfy Access 1841229 io Receiver is designed for straightforward installation. It is recommended that installation be performed by a qualified technician.

Installation Steps:

1. **Mounting:** Select a suitable, protected location for mounting the receiver, ensuring it is not exposed to direct water splashes or extreme temperatures.
2. **Wiring:** Connect the receiver to your gate or garage door operator. The receiver features two output relays with normally open, potential-free contacts.
3. **Power Connection:** Connect the receiver to a 230 Volt power supply. Ensure all electrical connections comply with local regulations.
4. **Operator Configuration:** The gate or garage door operator must be configured in automatic mode for proper function with the receiver.
5. **Pairing io Transmitters:** Pair your io radio transmitters (e.g., disposable transmitters, 2-way transmitters, TaHoma, or Connexoon) with the receiver. Refer to the specific instructions for your io transmitter for pairing procedures.



Figure 1: Front view of the Somfy Access io Receiver. This image shows the compact design of the receiver, with the Somfy logo visible on the front casing.



Figure 2: Side view of the Somfy Access io Receiver. This perspective highlights the depth and mounting points of the device.



Figure 3: Top view of the Somfy Access io Receiver, showing the cable entry points. This image illustrates the practical design for electrical connections.

5. OPERATING INSTRUCTIONS

The Somfy Access io Receiver allows for convenient control of your gate or garage door.

Basic Operation:

1. **Transmitter Control:** Use a compatible Somfy io radio transmitter (e.g., remote control, TaHoma, or Connexoon application) to send commands to the receiver.
2. **Relay Activation:** Pressing a memorized button on your io transmitter will activate the corresponding relay on the receiver for approximately 1 second. This action will trigger the connected gate or garage door operator.
3. **Sequential Control:** The receiver is designed to be operated by one of four sequential control buttons, allowing for different actions or states depending on the programming.
4. **Two-Way Communication:** For advanced control and feedback, utilize 2-way io transmitters or smart home systems like TaHoma or Connexoon.

Important Considerations:

- Ensure that all necessary safety devices (photocells, safety edges) are correctly installed and functioning, especially when using smart home applications for control.
- Always maintain a clear line of sight or ensure no obstructions are present before operating the gate or garage door.

6. MAINTENANCE

The Somfy Access 1841229 io Receiver is designed for low maintenance. Follow these guidelines to ensure its longevity and optimal performance:

- **Cleaning:** Clean the exterior of the receiver with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically inspect the wiring and connections for any signs of wear or damage. Ensure all connections are secure.
- **Environmental Protection:** Verify that the installation environment remains within the specified temperature and humidity ranges and that the product is protected from direct water exposure.
- **Battery (if applicable for remote):** If using a battery-powered io transmitter, ensure its battery is replaced as needed to maintain reliable operation. The receiver itself does not use batteries for its primary function.

7. TROUBLESHOOTING

If you encounter issues with your Somfy Access 1841229 io Receiver, consider the following common solutions:

No Response from Receiver:

- **Power Supply:** Check if the receiver is properly connected to the 230V power supply and that the power source is active.
- **Transmitter Battery:** Ensure your io transmitter's battery is not depleted.
- **Pairing:** Verify that the io transmitter is correctly paired with the receiver. If unsure, attempt to re-pair the device according to the transmitter's instructions.
- **Range:** Ensure the transmitter is within the operational range (up to 1000 meters, but obstructions can reduce this).
- **Obstructions:** Check for any physical obstructions between the transmitter and receiver that might interfere with the radio signal.

Gate/Door Not Operating Correctly:

- **Operator Mode:** Confirm that your gate or garage door operator is configured in automatic mode.
- **Safety Devices:** Check the functionality of all connected safety devices (photocells, safety edges). A fault in these devices can prevent operation.
- **Wiring:** Inspect the wiring between the receiver and the operator for any loose or damaged connections.

Environmental Issues:

- **Water/Moisture:** If the receiver has been exposed to water, disconnect power immediately and allow it to dry completely before attempting to use it again. If damage is suspected, contact support.
- **Temperature:** Ensure the ambient temperature is within the product's operating limits.

If problems persist after attempting these troubleshooting steps, please contact Somfy customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	1328595 (Part Number: 1841229)
Brand	Somfy
Protection Index	IP55
Number of Channels	2
Frequency Range	868 MHz
Maximum Range	1000 Meters
Voltage	230 Volts
Connectivity Protocol	RF
Compatible Devices	Various entrance portals, garage doors, and Somfy io devices (e.g., TaHoma, Connexoon)
Product Dimensions (L x W x H)	Approx. 10mm x 10mm x 10mm
Item Weight	1 Kilogram

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or visit the official Somfy website. For technical support, troubleshooting assistance beyond this manual, or to inquire about spare parts, please contact Somfy customer service directly. Ensure you have your product model number (1328595) and purchase details available when contacting support.