RolloHomeControl
RADEMACHER

Brief Instructions for Installation and Commissioning

Window / Door Contact 8431

Item No.: 3200 21 19

Transmitter

Magnet

LED - red
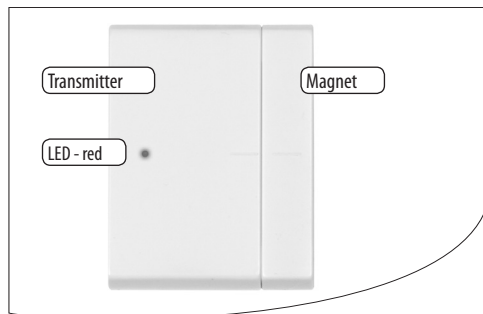
VBD 596-4 (07.17)

1. Introduction

These brief instructions describe the commissioning and installation process for RADEMACHER Window / Door Contacts based on Z-Wave technology.

2. System requirements

You require the following for installation:
◆ A RADEMACHER USB Stick 8430-1 based on Z-Wave technology (item no. 3200 20 39).
◆ A HomePilot® with software version 4.4.9 or higher*.

* You can find the current software version for the HomePilot® under: Configuration / System / Firmware Update > display right.

3. General safety information

⚠ **The use of defective equipment can lead to personal injury and damage to property.**
Never use defective or damaged equipment. Please contact our Customer Service department in this event.

4. Proper use

Only use the Window / Door Contact for initiating switching pulses when opening and closing windows or doors.

Operating conditions
◆ Only use the Window / Door Contact in dry rooms.
◆ The installation and operation of the RADEMACHER radio system (and its components) is only permitted for those systems and devices where a malfunction in the transmitter or receiver would not cause a danger to personnel or property or where this risk is already covered by other safety equipment.

NOTE
Radio systems which transmit on the same frequency can cause interference.

5. Improper use

⚠ **Improper use can lead to serious injuries or property damage.**
Never use the existing radio system and its components for the remote control of appliances and systems with increased safety-relevant requirements or where there is an increased risk of accident. Such situations require additional safety equipment. Observe the respective statutory regulations for the installation of such systems.

6. Functional description

The Window / Door Contact is designed to monitor windows and doors. The device is fitted directly to the window or door frame.

A magnetic contact serves to register the respective state of the window or door. When a window or door is opened or closed, the Window / Door Contact transmits its current state to the HomePilot® via radio. This state can be displayed on the HomePilot® user interface by means of a corresponding icon.

The radio signal can then be used in order to trigger a previously configured scene (reaction) on the HomePilot®, for example:

to deactivate automatic operation of a tubular motor actuator (manual mode) when patio doors are open, for example, in order to prevent automatic closure of roller shutters.

🧑‍💻 In order to do so, please refer to the HomePilot® operating manual.

You can find a detailed description of the navigation options and user interface for your HomePilot® in the downloads section of our website:

www.homepilot.de/downloads

Enter the respective URL into the address field of your browser.

7. HomePilot® registration

Before installation
◆ First register the Window / Door Contact to the HomePilot® prior to installation.
◆ Carry out the registration process in the immediate vicinity (maximum 4 metres) of the HomePilot®.

1. Open the transmitter base plate and insert the supplied batteries. Pay attention to the correct polarity of the batteries.

7. HomePilot® registration

2. **Switch the HomePilot® to login mode, select the "Register devices" function from the Configuration menu.**

3. **Press and hold the switch until the red LED briefly flashes and then immediately release the switch again.**
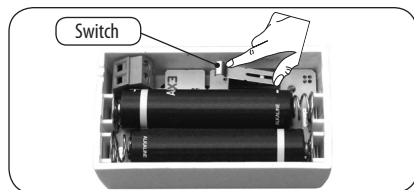
4. **The LED flashes multiple times in brief succession in order to signalise the login process.**

5. **If registration is successful, the red LED lights up continuously for approx. 2 seconds.**

6. **In order to compete the registration process, actuate the switch several times as described in point 3.**

7. **Configure the desired scene which you intend to activate by the Window / Door Contact.**

NOTE
If registration is not possible, then it may be the case that the Window / Door Contact has already been assigned to another system. In this case, first revoke assignment of the Window / Door Contact. In order to do so, refer to "7.1 Logout".

7.1 Logging out from the HomePilot®

1. **Switch the HomePilot® to logout mode.**

2. **Proceed as described in section 7, point 3 "Registration".**

7.2 Extending the radio range

You can use one or more repeaters (item no. 3500 24 14) in order to extend the radio range (see Chapter 9, Technical Specifications). Each repeater must be previously assigned to the HomePilot®.

8. Assembly

Both parts of the Window / Door Contact must align evenly at the same height when closing the window or door. In order to do so, pay attention to both markings on the housing.

The maximum distance between the transmitter and magnet may not exceed 5 mm.

1. **The respective base plates of the transmitter and magnet can be bonded in place or fastened with screws.**

2. **Carefully replace the housings back onto the respective base plates after fitting.**
   The Window / Door Contact can only be operated with base plates closed.

9. Technical Specifications

Supply voltage:	3 V
Battery type:	2 x AAA 1.5 V
Transmission frequency:	868.42 MHz
Transmission power:	max. 10 mW
Range outdoors:	approx. 30 m
Permissible ambient temperature:	0 °C to + 50 °C
Dimensions (transmitter / magnet):	58 x (33 / 12) x 18 mm

10. Simplified EU Declaration of Conformity

CE RADEMACHER Geräte-Elektronik GmbH hereby declares that the The Window / Door Contact 8431 complies with the Directive **2014/53/EU (Radio Equipment Directive)** .

The full text of the declaration of conformity is available at the following website:

www.rademacher.de/ce

11. Warranty conditions

RADEMACHER Geräte-Elektronik GmbH provides a 24-month warranty for new systems that have been installed in compliance with the installation instructions. All construction faults, material defects and manufacturing defects are covered by the warranty.

Your statutory warranty claims shall remain unaffected by this warranty.

The following are not covered by the warranty:

◆ Incorrect fitting or installation
◆ Non-observance of the installation and operating instructions
◆ Improper operation or wear and tear
◆ External influences, such as impacts, knocks or weathering
◆ Repairs and modifications by third parties, unauthorised persons
◆ Use of unsuitable accessories
◆ Damage caused by unacceptable excess voltage (e.g. lightning)
◆ Operational malfunctions caused by radio frequency overlapping and other such radio interference

A prerequisite for the warrant is that the new device must have been purchased from one of our approved specialist retailers. Proof of this must be provided by presenting a copy of the bill. RADEMACHER shall remedy any defects, which occur within the warranty period free of charge either by repair or by replacement of the affected parts or by supply of a new replacement unit or one to the same value. There is no general extension of the original warranty period by delivery of a replacement or by repair as per the terms of the warranty.