


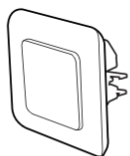


Chacon Dio 1.0 Wireless Switch User Guide

[Home](#) » [CHACON](#) » Chacon Dio 1.0 Wireless Switch User Guide 



Rev-Kit 03



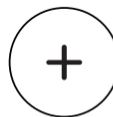
2x Rev-Shutter



4x



1x 54860



1x CR2032 3V



1x manual

Fig. 1



Ø 1,5mm²

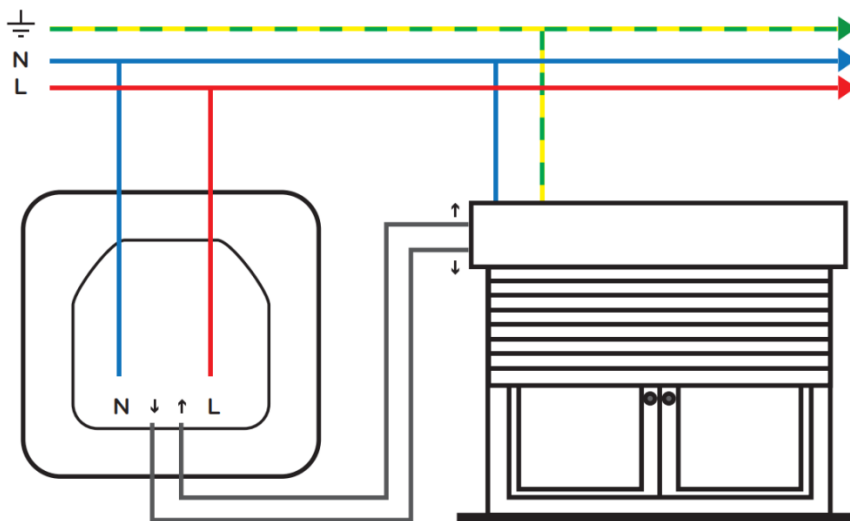


Fig. 2

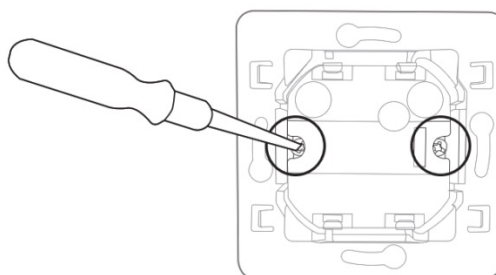
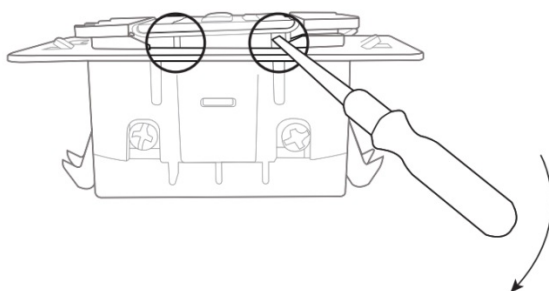


Fig. 3

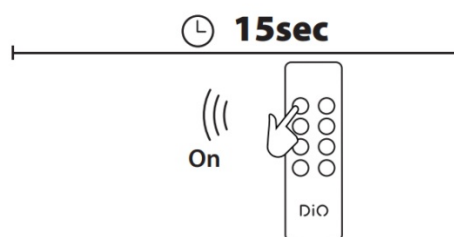
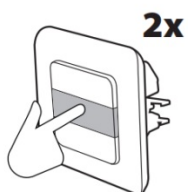
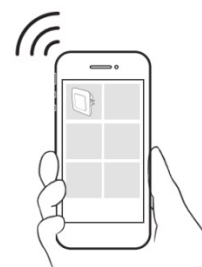
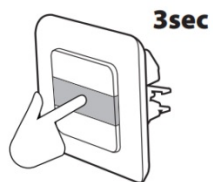


Fig. 4



Connected centralization
kit for electric shutters

Contents

- 1 Video tutorial
- 2 Installing the shutter switch
- 3 Installing the remote control
- 4 Combine the switch with the DiO remote control
- 5 Add the switch to the application
- 6 Resetting the Switch
- 7 Use
- 8 Problem-solving
- 9 Technical data
- 10 Supplementing your installation
- 11 Documents / Resources
 - 11.1 References
- 12 Related Posts

Video tutorial

In order to simplify the understanding and installation of our packages and solutions, we have opted for filmed instructions: you can watch them on our [Youtube.com/c/dio-connected-home](https://www.youtube.com/c/dio-connected-home) channel, in the playlists tab.

Installing the shutter switch

This product must be installed in accordance with installation rules and preferably by a qualified electrician. Incorrect installation and/or improper use may result in the risk of electric shock or fire.

Disconnect the power supply before servicing.

1.1 Switch connection

Remove your mechanical switch. Strip the cables by about 8mm to ensure a good contact surface.

Fig.1

1. Connect phase L (brown or red) to terminal L of the module
2. Connect neutral N (blue) to terminal N of the module
3. Connect up and down according to the manual of your motor.

1.2 Installing the switch on the wall

Fig.2

– With the help of the provided claws

To access the claws, remove the front module with a small flat screwdriver by pushing inward on the 2 lower notches. Remove the claws from their location and tighten the 2 screws to secure the switch.

– Using 2 screws not supplied

Attach the switch to your flush-mounted box using 2 screws not supplied.

Installing the remote control

Open the small compartment on the back of the remote control and remove the tab on the battery.

2.1 Change the battery

1. Open the small compartment on the back of the remote control.
2. Replace the old battery with a new 3V CR2032 battery.

Caution: Danger of explosion if the battery is not replaced correctly. Replace only with the same or equivalent type.

This product contains a button cell battery. If the button cell battery is swallowed, it can cause severe internal burns in as little as 2 hours. Keep new and used batteries out of reach of children. If the battery compartment does not close properly, stop using the product and keep it out of reach of children.

If you suspect that batteries may have been swallowed or placed inside a body part, seek medical attention immediately.

Combine the switch with the DiO remote control

Fig.3

This product is compatible with all DiO 1.0 controls: remote controls, switches, and wireless sensors.

1. Press twice quickly (double click) on the central button of the wireless switch, and the LED starts to flash slowly in light green.
2. Within 15 seconds, press the 'ON' button on the remote control, wireless switch, or DiO 1.0 sensor, the LED on the switch will flash light green quickly to confirm the association.

Caution: If you do not press the 'ON' button on your control within 15 seconds, the switch will exit learning mode; you must go back to step 1 for the association.

The switch can be linked to up to 6 different DiO commands. If the memory is full, you will not be able to install the 7th command, see paragraph 2.1 to delete a command.

Add the switch to the application

4.1 Create your DiO One account

- Download the free DiO One app from the iOS App Store or Google Play for Android
- Create an account by following the instructions on the app.
- It is also compatible with the "my Chacon" app.

4.2 Connect the switch to your Wi-Fi network

Fig.4

- In the app, select "My devices" and press "+".
- Select "Home automation" and then "DiO Connect shutter switch".
- Power the switch and press the central button for 3 seconds, the LED will flash red.
- Follow the installation wizard on the application.

Attention: if you want to change the network and/or Wi-Fi password, long press on the product icon. Then follow the instructions on the app to update your Wi-Fi.

4.3 Disable Wi-Fi from the switch

- Press the center button for 3 seconds, release it, and press twice quickly to disable the Wi-Fi on the switch.

- When the Wi-Fi is disabled, the LED on the switch will appear purple for a few seconds. To turn it back on, press for 3 seconds, release, and press twice.

Note: Programs created via your smartphone will still be active when Wi-Fi is disabled.

4.4 Light states of the switch

Steady red: the switch is not connected to the Wi-Fi network

Flashing blue: switch is properly connected to Wi-Fi

Solid blue: switch is connected to the cloud, turns white after a few seconds

Solid white: switch is on

Fixed purple: switch Wi-Fi is disabled

Flashing green: update in progress

4.5 Associate with a voice assistant

- Activate the “One 4 All” service or skill in your voice assistant.
- Enter your DiO One account information.
- Your devices will automatically appear in your assistant's application.
- You can also use Siri on your iPhone to open or close your shutters.

To create a Siri shortcut, simply go to the “Settings” menu and “Siri Shortcuts” in the DiO One app.

Resetting the Switch

To reset the Rev-Shutter switch to its factory settings:

Press and hold the center button for 12 seconds until the LED flashes light blue and releases. Two red flashes will confirm the reset.

Use

With the DiO Wireless Remote/Switch:

Press the “ON” (“OFF”) button on your DiO remote to open (close) the electric shutter. Press a second time corresponding to the first press to stop the shutter

On the switch:

- Raise/lower the shutter by pressing the corresponding button once.
- Press the central button once to stop.

With your smartphone, via DiO One:

- Open/close from anywhere
- Create a programmable timer: set the precise opening time to the minute (e.g. 30%), select the day(s) of the week, single or repeated timer.
- Presence simulation: select the duration of absence and the periods of operation, the switch opens or closes randomly to protect your home.

By voice:

- On your Google Home App or Amazon Alexa, install the service or skill: One 4 All; or create a Siri shortcut on

your iPhone.

Problem-solving

– The shutter does not open with a radio remote control or sensor:

Check that your switch is properly connected to the power supply. Check the polarity and/or the exhaustion of the batteries in your control. Check that the stops on your shutter are correctly set. Check that the memory of your switch is not full, the switch can be linked to a maximum of 6 DiO commands (remote control, switch and/or sensor), see paragraph 2.1 to delete a command. Make sure you use a command that uses the DiO 1.0 protocol.

– The switch does not appear on the application interface:

Check the light status of the switch: Steady red LED: check Wi-Fi router status. Blue LED flashing: check Internet access. Ensure that the Wi-Fi and Internet connection is functional and that the network is within range of the switch. Make sure the Wi-Fi is on a 2.4GHz band (does not work on 5GHz). When setting up, your smartphone must be on the same Wi-Fi network as the switch. The switch can only be added to an account. The same DiO One account can be used by all members of the same household Important: A minimum distance of 1-2m is required between two DiO receivers (module and/or socket). The range between the switch and the DiO control may be reduced by thick walls or an existing wireless environment.

Technical data

Rev-Shutter

Protocol: 433.92 MHz by DiO

WiFi frequency: 2.4GHz

EIRP: max. 0,7 mW

Range with one DiO control: 50m (free eld)

Max. 6 associated Dio 1.0 transmitters

Operating temperature: 0 to 35°C

Power supply: 220 – 240 V – 50Hz

Max: 2 x 600W

d x h: 85 x 85 x 37 mm

54860

– Protocol: DiO 1.0

– Frequency: 433.92 MHz

– Transmission distance: 50 m (in free eld)

– Lithium battery: CR2032 3V (included)

– Number of channels: 3 + 1 groep

– Dimensions: 114 x 31 x 10 mm

Indoor use (IP20), do not use in a humid environment.



Indoor use (IP20). Do not use in a damp environment

~ Alternating current

Supplementing your installation

Supplement your installation with DiO solutions to control your heating, lighting, roller blinds, or garden, or to use video surveillance to keep an eye on what is happening at home. Easy, high-quality, scalable, and economical... learn about all of the DiO Connected Home solutions at www.DiOhome.com

Recycling



In accordance with European WEEE directives (2002/96/EC) and directives concerning accumulators (2006/66/EC), any electrical or electronic device or accumulator must be collected separately by a local system specializing in the collection of such waste. Do not dispose of these products with ordinary waste. Check the regulations in force. The logo shaped like a waste bin indicates that this product must not be disposed of with household waste in any EU country. To prevent any risk to the environment or human

health due to uncontrolled scrapping, recycle the product in a responsible manner. This will promote the sustainable use of material resources. To return your used device, use the return and collection systems, or contact the original dealer. The dealer will recycle it in accordance with regulatory provisions.



CHACON declares that the REV-Shutter switch and the remote control 54860 are in compliance with the essential requirements and other relevant provisions of the RED Directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at the following web address:

www.chacon.com/conformity

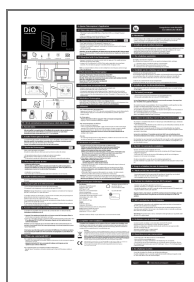
Support



www.chacon.com/support





V1.0 211201

Documents / Resources



[Chacon Dio 1.0 Wireless Switch](#) [pdf] User Guide
Dio 1.0 Wireless Switch

References

-  [Downloads](#)
-  [Contact us](#)
-  [DiO Home - for your smart home - Official Website](#)
-  [Info-tri | Ministères Écologie Énergie Territoires](#)