

## Remote & Touch Panel Switch ON/ OFF Operation (US/ EU)











# Table of Contents

|    |                                       |   |
|----|---------------------------------------|---|
| 1. | Scope .....                           | 1 |
| 2. | Overview .....                        | 2 |
| 3. | Technical specification .....         | 2 |
| 4. | Connecting the Gauzy Controller ..... | 3 |
| 5. | Pairing the Gauzy RF Remote .....     | 9 |
| 8. | Recycling Information .....           | 9 |

## 1. Scope

The purpose of this manual is to guide you through the installation process and operation of the Gauzy ON/OFF Remotes and Touch panel switch:

| Description                                    | PN                            |  |   |
|--|-------------------------------|--|---|
| Gauzy Remote & Receiver On/Off Kit             | GAU-KIT-RRO-0                 | <br>GAU-PAR-RMT<br>(YK2169)   | <br>GAU-RCV-ON-O<br>(MS104)         |
| Gauzy Touch Panel On/Off for US                | GAU-PRT-TPO-US<br>(WS-US1-RF) |                               |   |
| Gauzy Remote and Touch Panel On/Off for US kit | GAU-KIT-RTO-US                | <br>GAU-PAR-RMT<br>(YK2169)  | <br>GAU-PRT-TPO-US<br>(WS-US1-RF)  |
| Gauzy Touch Panel On/Off for EU                | GAU-PRT-TPO-EU<br>(WS-EU1-RF) |                             |   |
| Gauzy Remote and Touch Panel On/Off for EU kit | GAU-KIT-RTO-EU                | <br>GAU-PAR-RMT<br>(YK2169) | <br>GAU-PRT-TPO-EU<br>(WS-EU1-RF) |

## 2. Overview

The Gauzy On/Off operation kits for Remote and Touch panel switch consist of the following items:

- Remote GAU-PAR-RMT (YK2169)
- Receiver GAU-RCV-ON-0 (MS104)
- Touch panel US GAU-PRT-TPO-US (WS-US1-RF)
- Touch Panel EU GAU-PRT-TPO-EU (WS-EU1-RF)

## 3. Technical specification

### 3.1 Gauzy Remote GAU-PAR-RMT (YK2169)

Before using it, simply pair the remote with the buttons on your Receiver / Touch Panel switch. Pair the three buttons on the remote control (open, pause, close) to the corresponding functions of the required device. Do not use this remote to control other devices.

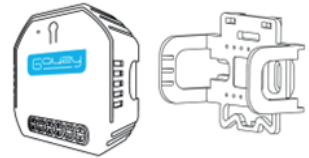
- Working voltage: 12V (1x battery type 23A)
- Working frequency: 433MHz
- Encoding mode: Imitation learning code
- Working current:  $\leq 18\text{mA}$



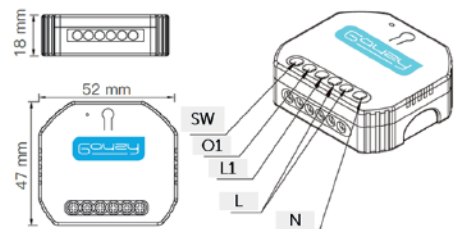
### 3.2 Gauzy Receiver GAU-RCV-ON-0 (MS104)

Technical Specification:

- Product type: RF / Wi-Fi Switch Module
- Input Voltage: 90V - 250V AC / 50Hz
- Current: 10A
- Wi-Fi frequency: 2.4GHz - 2.4835 GHz
- Operation temp:  $-10^{\circ}\text{C}$  -  $+40^{\circ}\text{C}$
- Case temp:  $T_c$ :  $+80^{\circ}\text{C}$  (Max.)
- Operation range: RF  $\leq 30\text{m}$ , Wi-Fi  $\leq 100\text{m}$  \*
- Dims (WxDxH): 52 x 47 x 18 mm / 0.7 x 1.86 x 2.03 inch
- IP rating: IP20



\* Depending on the Wi-Fi network equipment, frequency, transmission power, the location where the unit is installed.



### 3.3 Gauzy Touch Panel Switch: GAU-PRT-TPO-US (WS-US1-RF)/ GAU-PRT-TPO-EU (WS-EU1-RF)

This smart touch panel is designed to support Wi-Fi & RF interfaces to replace traditional switches with a variety of ways to control.

- Model: WS-EU-RF / WS-US-RF
- Voltage: 90-250V AC, 50/60Hz
- Max. Current: 10A/Gang; Total 10A
- Wireless Protocol: Wi-Fi 2.4GHz+RF433MHz



## 4. Connecting the Gauzy Controller

### Safety information:

Risk of Electric Shock: Electricity can cause personal injury and property damage if handled improperly. This product needs to be installed by a qualified electrician in accordance with local regulations.

Make sure that the power at the circuit breaker is off before wiring. Use the electrical tester to test the power.

- Neutral Wire is required.
- Ensure the wire conductors are securely fastened to each wire.
- Ensure the Wi-Fi signal is steady and normally working before wiring.
- If you don't have any wiring experience, please call a professional electrician.
- Keep the device out of reach of children.
- Keep the device away from water, damp, or hot environment.
- Install the device away from strong signal sources such as microwave oven that may cause signal interruption resulting in abnormal operation of the device.
- Obstruction by concrete wall or metallic materials may reduce the effective operation range of the device and should be avoided.
- Do NOT attempt to disassemble, repair, or modify the device.

### Attention! ⚠

Please disconnect the power supply before installing or removing to avoid irreversible damage on the device from the electric current or other unpredictable problems.



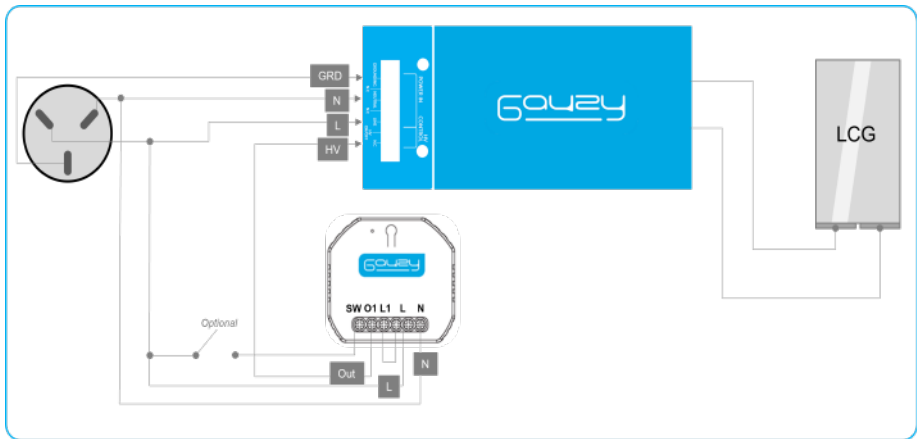
#### 4.1 Connecting the Gauzy On/Off receiver (GAU-RCV-ON-0)

The Gauzy On/Off receiver (GAU-RCV-ON-0) is used to control Gauzy's Controllers and operate the LCG® while using the Gauzy Remote or your Smart phone device.

- Connecting the Gauzy On/ Off receiver (GAU-RCV-ON-0) to Gauzy Controller: Carefully read the Instructions and wiring diagrams before proceeding with the installation.
1. Turn off the power supply before carrying out any electrical installation work.
  2. Connect wires according to the wiring diagram below.
  3. If you want to add a wall switch option, please connect a standard on/off wall switch according to the diagram below.
  4. Insert the Gauzy On/ Off receiver (GAU-RCV-ON-0) with the controller into the junction box.
  5. Re-connect the power supply and follow the pairing configuration instructions.

#### • Wiring Diagram – MINI controller:

Gauzy On/ Off receiver (GAU-RCV-ON-0) to the MINI controller

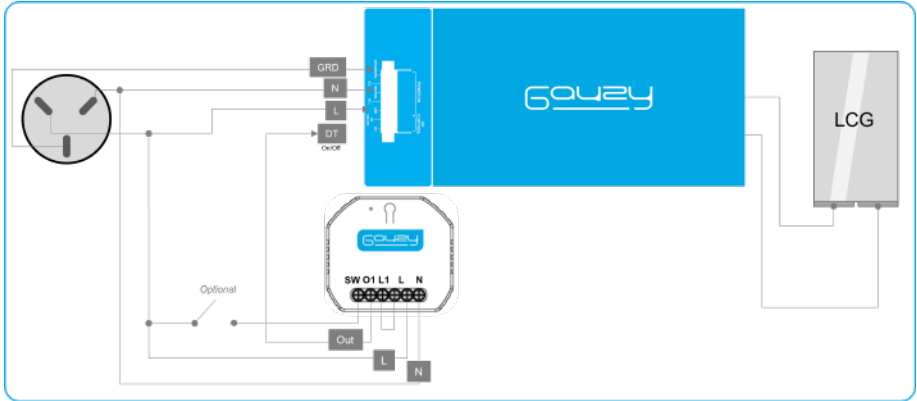


| Function   | Mini Controller | Receiver |
|--|-----------------|----------|
| AC mains LINE  | LINE            | L, L1    |
| AC mains Neutral                                     | NEUTRAL         | N        |
| AC Ground  | GROUNDING       | -        |
| On/Off command                                       | HV DT ON/OFF    | O1       |
| External switch<br>(connected to AC LINE) - optional |                 | SW       |

**WARNING:** The receiver **MUST** be connected to the high voltage interface of the controller. Connecting it to the dry contact interface will irreparably damage the MINI controller.

• **Wiring Diagram – FLEX controller:**

Gauzy On/ Off receiver (GAU-RCV-ON-0) to the FLEX controller



| Function   | Flex Controller | Receiver |
|--|-----------------|----------|
| AC mains LINE  | LINE            | L, L1    |
| AC mains Neutral                                     | NEUTRAL         | N        |
| AC Ground  | GROUNDING       | -        |
| On/Off command                                       | HV DT ON/OFF    | O1       |
| External switch<br>(connected to AC LINE) - optional |                 | SW       |

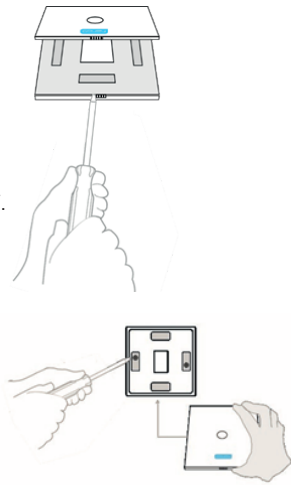
**WARNING:** The receiver **MUST** be connected to the high voltage interface of the controller. Connecting it to the dry contact interface will irreparably damage the MINI controller.

4.2 Connecting the Gauzy On/Off Touch Panel (GAU-TP-ON-US/EU)

The Gauzy On/Off touch panel (GAU-TP-ON-US/EU) is used to control Gauzy’s Controllers and operate the LCG® with a sophisticated high-end wall switch. It is also possible to pair the touch panel with the Gauzy Remote or your Smart phone device.

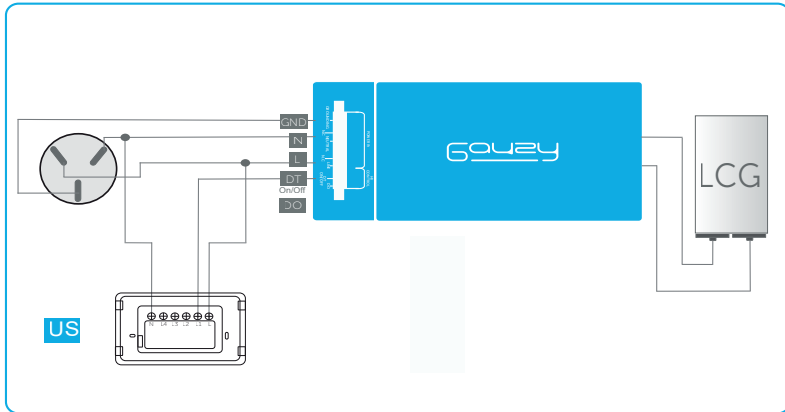
- Connecting the Gauzy On/ Off touch panel (GAU-TP-ON-US/EU) to Gauzy Controller: Carefully read the Instructions and wiring diagrams before proceeding with the installation.

1. Turn off the power supply before carrying out any electrical installation work.
2. Remove the panel with a screwdriver (do not install with electricity power on)
3. Connect wires according to the wiring diagram below.
4. Install the Gauzy On/ Off touch panel (GAU-TP-ON-US/EU) on the wall switch box.
5. Reassemble the panel onto the touch panel.
6. Re-connect the power supply and follow the pairing configuration instructions.



• **Wiring Diagram – MINI controller:**

Gauzy On/ Off Touch Panel Switch US: GAU-PRT-TPO-US (WS-US1-RF) to the MINI controller

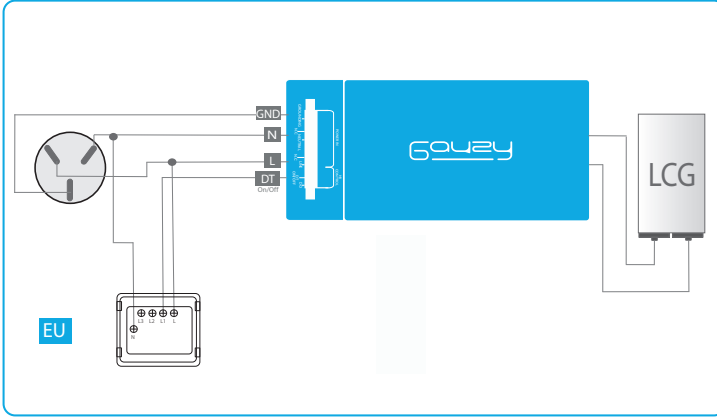


| Function         | Mini Controller | Receiver |
|------------------|-----------------|----------|
| AC mains LINE    | LINE            | L, L1    |
| AC mains Neutral | NEUTRAL         | N        |
| AC Ground        | GROUNDING       | -        |
| On/Off command   | HV DT ON/OFF    | L1       |

**WARNING:** The touch panel MUST be connected to the high voltage interface of the controller. Connecting it to the dry contact interface will irreparably damage the MINI controller.

• **Wiring Diagram – MINI controller:**

Gauzy On/ Off Touch Panel Switch EU: GAU-PRT-TPO-EU (WS-EU1-RF) to the MINI controller

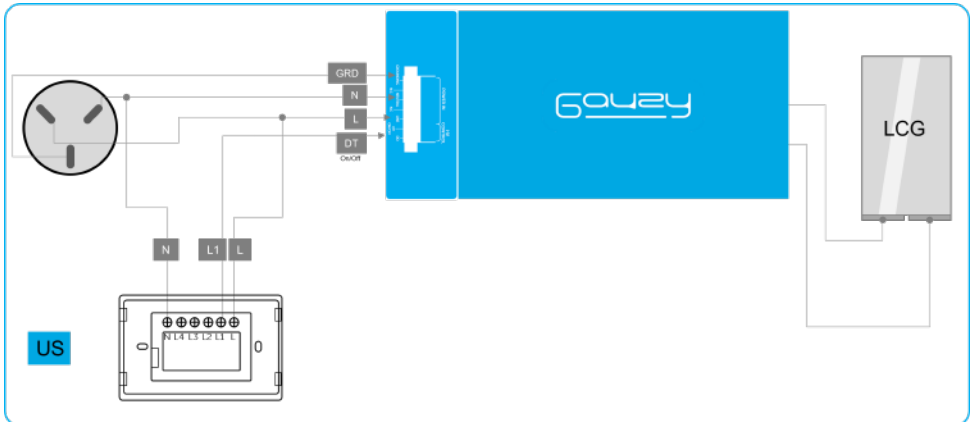


| Function         | Mini Controller | Receiver |
|------------------|-----------------|----------|
| AC mains LINE    | LINE            | L        |
| AC mains Neutral | NEUTRAL         | N        |
| AC Ground        | GROUNDING       | -        |
| On/Off command   | HV DT ON/OFF    | L1       |

**WARNING:** The touch panel **MUST** be connected to the high voltage interface of the controller. Connecting it to the dry contact interface will irreparably damage the MINI controller.

• **Wiring Diagram – FLEX controller:**

Gauzy On/ Off Touch Panel Switch US: GAU-PRT-TPO-US (WS-US1-RF) to the FLEX controller



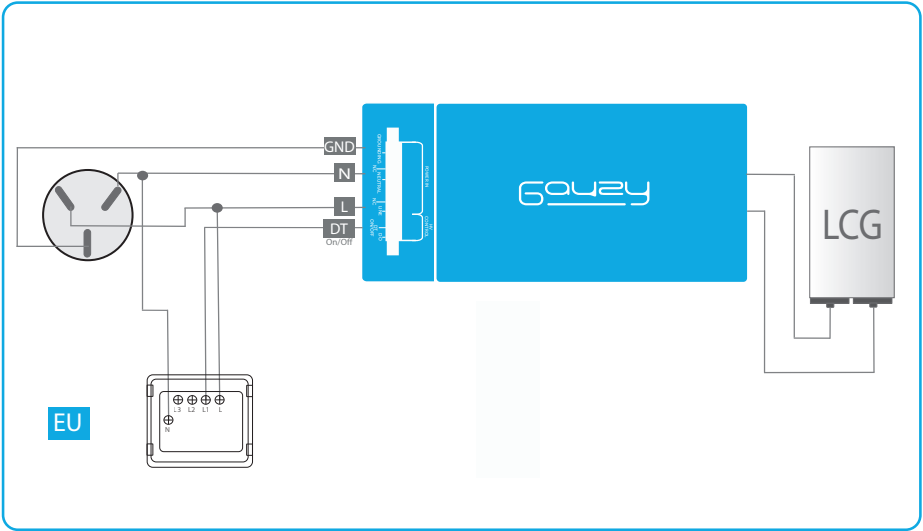


| Function         | Flex Controller | Receiver |
|------------------|-----------------|----------|
| AC mains LINE    | LINE            | L        |
| AC mains Neutral | NEUTRAL         | N        |
| AC Ground        | GROUNDING       | -        |
| On/Off command   | HV DT ON/OFF    | L1       |

**WARNING:** The touch panel MUST be connected to the high voltage interface of the controller. Connecting it to the dry contact interface will irreparably damage the FLEX controller.

**Wiring Diagram- Flex Controller:**

Gauzy On/ Off Touch Panel Switch EU: GAU-PRT-TPO-EU (WS-EU1-RF) to the FLEX controller



| Function         | Flex Controller | Receiver |
|------------------|-----------------|----------|
| AC mains LINE    | LINE            | L        |
| AC mains Neutral | NEUTRAL         | N        |
| AC Ground        | GROUNDING       | -        |
| On/Off command   | HV DT ON/OFF    | L1       |

**WARNING:** The touch panel MUST be connected to the high voltage interface of the controller. Connecting it to the dry contact interface will irreparably damage the FLEX controller.

## 5. Pairing the Gauzy RF Remote

### 5.1 Pairing the Gauzy RF Remote GAU-PAR-RMT (YK2169) with the Gauzy On/ Off receiver (GAU-RCV-ON-0 (MS104)

Once completing the installation of the Gauzy On/ Off receiver GAU-RCV-ON-0 (MS104) to Gauzy Controller, you can simply pair the Gauzy RF Remote GAU-PAR-RMT(YK2169) with Gauzy On/ Off receiver GAU-RCV-ON-0 (MS104) by following the instructions below:

1. Press the Reset button on the Gauzy On/ Off receiver (GAU-RCV-ON-0): for a period of 5 seconds until you hear a bip.
2. Press the OPEN button on the remote control to turn On.
3. Press one time the RESET button on the receiver.
4. Press on more time the OPEN button on the remote

### 5.2 Pairing the Gauzy RF Remote GAU-PAR-RMT (YK2169) with the Gauzy touch panel:

Once completing the installation of the Gauzy On/ Off touch panel to Gauzy Controller, you can simply pair the Gauzy RF Remote GAU-PAR-RMT(YK2169) with Gauzy On/ Off touch panel by following the instructions below.

1. Press the OPEN button on the Gauzy On/ Off touch panel for a period of 5 seconds until you hear a bip.
2. Press the OPEN button on the remote control to turn On.

To unpair the remote:

1. Press the RESET button on the on/off receiver or the OPEN button on the touch panel for 5 second until you hear 4 bips.
2. Wait 2 seconds.
3. Press again the RESET button on the on/off receiver or the OPEN button on the touch panel for 5 second until you hear 4 bips.

## 6. Recycling Information

- All products marked with the symbol for separate collection of electrical waste and electronic equipment (WEEE Directive 2012/19 / EU), must be disposed of separately from unsorted municipal waste.