# Home Assistant

Everything to do with Home Assistant

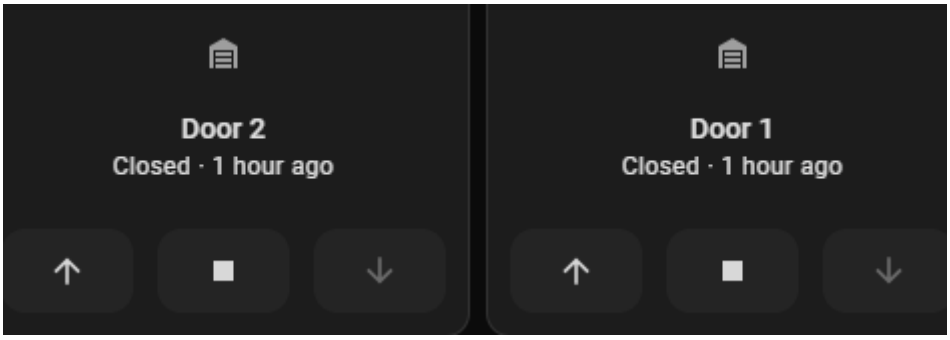
- Dual Garage Door Opener

# Dual Garage Door Opener

Using ESPHome

This is code for dual garage door opener and will show red when door is opened

Dashboard




This is built using a

ESP32

and some magnet switches

REED

The REED is only one per door

```
substitutions:
  name: garage-001
  friendly_name: GARAGE-001

esphome:
  name: ${name}
  name_add_mac_suffix: false
  friendly_name: ${friendly_name}

esp32:
  board: esp32dev
  framework:
    type: esp-idf
```

```
wifi:
  ssid: !secret wifi_ssid
  password: !secret wifi_password
  ap:
    ssid: "Garage-001 Fallback Hotspot"
    password: "YOUR_PASSWORD"

api:
  encryption:
    key: "xxxxxx"

ota:
  - platform: esphome
    password: "YOUR_PASSWORD"

logger:
  level: ERROR

web_server:
  port: 80

bluetooth_proxy:
  active: true

captive_portal:

# --- Relays (momentary button press) ---
switch:
  - platform: gpio
    pin: GPIO25
    inverted: true
    name: "Door 1 Button"
    id: garage_button_1
    on_turn_on:
      - delay: 500ms
      - switch.turn_off: garage_button_1

  - platform: gpio
    pin: GPIO32
    inverted: true
```

```
    name: "Door 2 Button"
    id: garage_button_2
    on_turn_on:
      - delay: 500ms
      - switch.turn_off: garage_button_2

# --- Reed Switches ---
binary_sensor:
  - platform: gpio
    pin:
      number: GPIO05
      mode: INPUT_PULLUP
      inverted: false
    name: "Door 1 Sensor"
    id: garage_sensor_1
    device_class: garage_door
    icon: "mdi:garage"
    filters:
      - delayed_on: 100ms
      - delayed_off: 100ms

  - platform: gpio
    pin:
      number: GPIO04
      mode: INPUT_PULLUP
      inverted: false
    name: "Door 2 Sensor"
    id: garage_sensor_2
    device_class: garage_door
    icon: "mdi:garage"
    filters:
      - delayed_on: 100ms
      - delayed_off: 100ms

# --- Garage Door Covers ---
cover:
  - platform: template
    name: "Door 1"
    device_class: garage
    optimistic: false
```

```
    lambda: |-
      if (id(garage_sensor_1).state) {
        return COVER_CLOSED;
      } else {
        return COVER_OPEN;
      }
    open_action:
      - switch.turn_on: garage_button_1
    close_action:
      - switch.turn_on: garage_button_1
    stop_action:
      - switch.turn_on: garage_button_1

  - platform: template
    name: "Door 2"
    device_class: garage
    optimistic: false
    lambda: |-
      if (id(garage_sensor_2).state) {
        return COVER_CLOSED;
      } else {
        return COVER_OPEN;
      }
    open_action:
      - switch.turn_on: garage_button_2
    close_action:
      - switch.turn_on: garage_button_2
    stop_action:
      - switch.turn_on: garage_button_2
```