

Voice Assistant

- https://www.home-assistant.io/voice_control/voice_remote_local_assistant/
- <https://github.com/home-assistant/intents/tree/main/sentences>
- Building a Local Smart Home Voice Assistant With ESPHome!
- EverythingSmartHome/esp32-voice.yaml
- \$13 voice assistant for Home Assistant Atom Echo

esp32-voice.yaml

```
esphome:
  name: esp32-mic-speaker
  friendly_name: esp32-mic-speaker
  on_boot:
    - priority: -100
      then:
        - wait_until: api.connected
        - delay: 1s
        - if:
            condition:
              switch.is_on: use_wake_word
            then:
              - voice_assistant.start_continuous:

esp32:
  board: esp32dev
  framework:
    type: esp-idf
    version: recommended

# Enable logging
logger:

# Enable Home Assistant API
api:

ota:

wifi:
  ssid: !secret wifi_ssid
  password: !secret wifi_password

# Enable fallback hotspot (captive portal) in case wifi connection fails
ap:
  ssid: "Esp32-Mic-Speaker"
  password: "9vYvAFzzPjuc"

i2s_audio:
```

```
i2s_lrclk_pin: GPIO27  
i2s_bclk_pin: GPIO26
```

microphone:

```
- platform: i2s_audio  
  id: mic  
  adc_type: external  
  i2s_din_pin: GPIO13  
  pdm: false
```

speaker:

```
- platform: i2s_audio  
  id: big_speaker  
  dac_type: external  
  i2s_dout_pin: GPIO25  
  mode: mono
```

voice_assistant:

```
  microphone: mic  
  use_wake_word: false  
  noise_suppression_level: 2  
  auto_gain: 31dBFS  
  volume_multiplier: 2.0  
  speaker: big_speaker  
  id: assist
```

switch:

```
- platform: template  
  name: Use wake word  
  id: use_wake_word  
  optimistic: true  
  restore_mode: RESTORE_DEFAULT_ON  
  entity_category: config  
  on_turn_on:  
    - lambda: id(assist).set_use_wake_word(true);  
    - if:  
      condition:  
        not:  
          - voice_assistant.is_running  
      then:  
        - voice_assistant.start_continuous  
  on_turn_off:  
    - voice_assistant.stop  
    - lambda: id(assist).set_use_wake_word(false);
```

From:

<https://gatonero.duckdns.org/!digitales/> - **Digitales**

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