

Item no.: 345823

107100001 - ReSpeaker Dual Microphone HAT for Raspberry Pi

from **32,41 EUR**

Item no.: 345823
shipping weight: 0.10 kg
Manufacturer: seeed Studio



Product Description

Seeed Studio ReSpeaker Dual Microphone HAT for Raspberry Pi

The ReSpeaker 2-Mic Pi HAT is a dual-microphone expansion board for Raspberry Pi designed for AI and voice applications. This means that you can build a more powerful and flexible voice product that integrates Amazon Alexa Voice Service, Google Assistant, and so on.

The board is developed based on WM8960, a low power stereo codec. There are 2 microphones on both sides of the board for collecting sounds and it also provides 3x APA102 RGB LEDs, 1x user button and 2x on-board Grove interfaces for expanding your applications. What is more, 3.5 mm audio jack or JST 2.0 speaker out are both available for audio output.

- Raspberry Pi compatible (supports Raspberry Pi Zero, Raspberry Pi 1B+, Raspberry Pi 2B, Raspberry Pi 3B, Raspberry Pi 3B+ and Raspberry Pi 4)
- Dual microphones
- 2x Grove interfaces: supports GPIO and I2C
- Programmable button and LED: 1x button and 3x LEDs
- Stereo codec with Class D speaker driver
- Two types of audio output sockets: 3.5 mm audio jack (40 mW output), JST 2.0 speaker out(providing 1 W into 8 Ω loads)
- Far-field support (up to 3 meters)

Specifications

**Scan this QR code to
view the product**

All details, up-to-date
prices and availability

