# Google AIY Voice Kit for Raspberry Pi

PRODUCT ID: 3602

# Description

Need directions to your nearest dry cleaner? Or maybe you need to send a hands-free email? Perhaps you just want to know what the weather's like in Timbuktu. Ask your new little friend – the Google AIY Voice Bot!

This no-soldering-required kit is an awesome addition to your Raspberry Pi 3 computer, and turns it into a smart home assistant!

Google AIY Projects brings do-it-yourself artificial intelligence to your maker projects. With this AIY Voice Kit from Google, you can build a standalone voice recognition system using the Google Assistant, or add voice recognition and natural language processing to your Raspberry Pi based projects. The kit includes all of the components needed to assemble the basic kit that works with the Google Assistant SDK as well as on-device voice recognition with TensorFlow.

Kit includes:

- o   Voice HAT accessory board - fully assembled
- o   Voice HAT microphone board - fully assembled
- o   Plastic standoffs
- o   3" speaker (wires attached)
- o   Arcade-style push button
- o   4-wire button cable
- o   5-wire daughter board cable
- o   External cardboard box
- o   Internal cardboard frame
- o   Lamp
- o   Micro-switch
- o   Lamp holder

Recommended items that are NOT included:

- o   Raspberry Pi 3 - Model B
- o   5V Power Supply
- o   Micro SD Flash Memory
- o   00 Phillips Screwdriver
- o   Scotch Tape

# Technical Details

- Assembled Dimensions: 3.75" x 3.65" x 3.8"

  Assembled Weight (with Raspberry Pi): 220g / 0.48 lbs

RoHS

Resources:

- o   Google Assistant SDK guides https://developers.google.com/assistant/sdk
- o   Voice Kit SD image https://dl.google.com/dl/aiyprojects/voice/aiyprojects-latest.img.xz
- o   Assembly Guide https://aiyprojects.withgoogle.com/voice#assembly-guide-1-get-the-voice-kit-sd-image
- o   User's Guide https://aiyprojects.withgoogle.com/voice#users-guide-1-setting-up-your-device
- o   Maker's Guide https://aiyprojects.withgoogle.com/voice#makers-guide-2-build-on-android-things

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