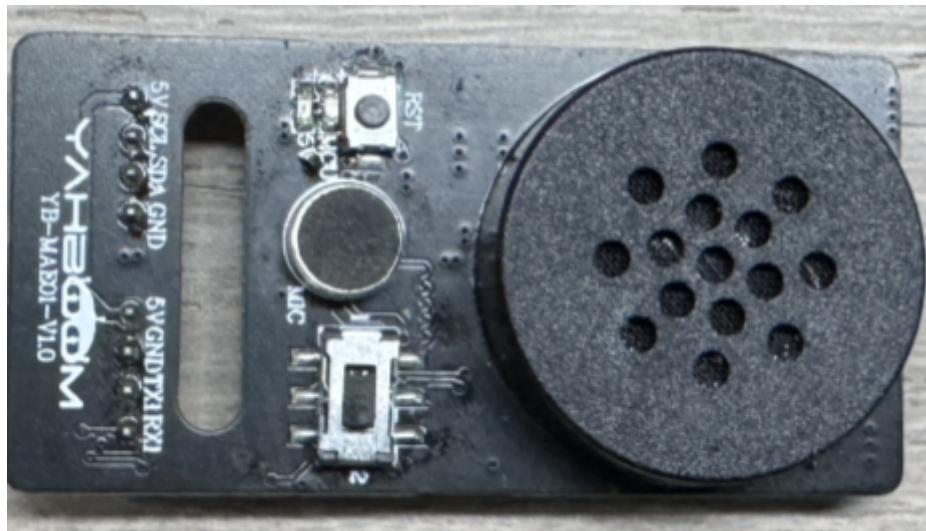# How to use old voice module in new image
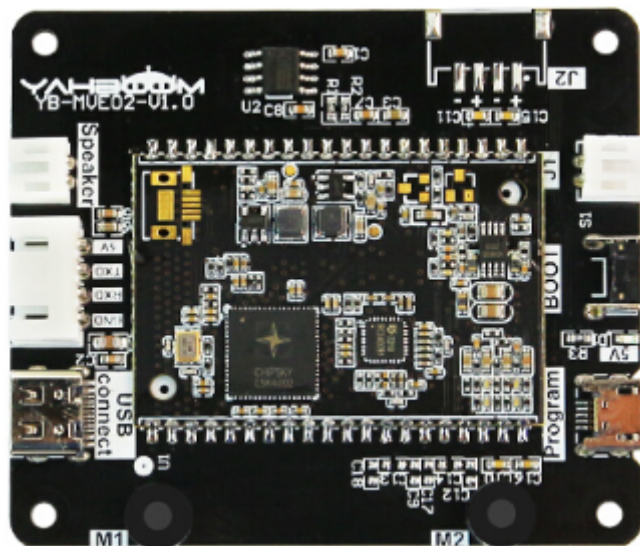
1. Tutorial Notes

As of September 2025, all our rosmaster car images have been updated with the latest voice interaction module. If you would like to use the old secondary microphone interaction module with the new image, please refer to this tutorial.

2. New/Old Voice Interaction Module

The image below shows the new voice interaction module. Be careful not to confuse them.

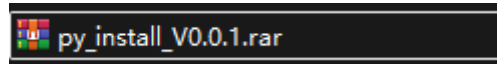The picture below is the old two-microphone interaction module.

3. Steps to Convert Old Second Microphones to Compatible with the New Image
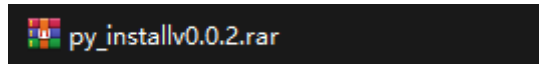
Note: The driver library environment for the new voice interaction module is already installed and set up at the factory. If you wish to revert to the old voice interaction module, please refer to the following tutorial

1. You can find the corresponding Python driver library for the voice module in the source code summary and reinstall it.

The driver library for the old voice interaction module is py_install_V0.0.1

The driver library corresponding to the new voice interaction module is py_install_V0.0.2

2. Python Driver Library Installation Steps

You can find the compressed package py_install_V0.0.1.rar in the source code section of the course materials. Place this package in the user directory of the corresponding board. Open a terminal and unzip it. (If the ROS environment is installed and running in a Docker container, you will need to place this package in the Docker container for decompression and installation.)

```
sudo apt install unrar
unrar x py_install_V0.0.1.rar
```


The image above shows a successful decompression.

Then install it on your system using the following command:

```
cd py_install_V0.0.1/
```



```
sudo python3 setup.py install
```

Enter the user password and press Enter to confirm. If you see the installation prompt Speech_Lib=x.x.x version number, it means the installation is successful.

```
jetson@yahboom:~/Downloads/py_install_V0.0.1/py_install$ sudo python3 setup.py install
running install
/usr/local/lib/python3.6/dist-packages/setuptools/command/install.py:37: SetuptoolsDeprecationWarning: set
  setuptools.SetuptoolsDeprecationWarning,
/usr/local/lib/python3.6/dist-packages/setuptools/command/easy_install.py:159: EasyInstallDeprecationWarni
 tools.
  EasyInstallDeprecationWarning,
/usr/local/lib/python3.6/dist-packages/pkg_resources/__init__.py:119: PkgResourcesDeprecationWarning: 0.18
  PkgResourcesDeprecationWarning,
running bdist_egg
running egg_info
writing Speech_Lib.egg-info/PKG-INFO
writing dependency_links to Speech_Lib.egg-info/dependency_links.txt
writing top-level names to Speech_Lib.egg-info/top_level.txt
reading manifest file 'Speech_Lib.egg-info/SOURCES.txt'
writing manifest file 'Speech_Lib.egg-info/SOURCES.txt'
installing library code to build/bdist.linux-aarch64/egg
running install_lib
running build_py
creating build/bdist.linux-aarch64/egg
creating build/bdist.linux-aarch64/egg/Speech_Lib
copying build/lib/Speech_Lib/__init__.py -> build/bdist.linux-aarch64/egg/Speech_Lib
copying build/lib/Speech_Lib/Speech_Lib.py -> build/bdist.linux-aarch64/egg/Speech_Lib
byte-compiling build/bdist.linux-aarch64/egg/Speech_Lib/__init__.py to __init__.cpython-36.pyc
byte-compiling build/bdist.linux-aarch64/egg/Speech_Lib/Speech_Lib.py to Speech_Lib.cpython-36.pyc
creating build/bdist.linux-aarch64/egg/EGG-INFO
copying Speech_Lib.egg-info/PKG-INFO -> build/bdist.linux-aarch64/egg/EGG-INFO
copying Speech_Lib.egg-info/SOURCES.txt -> build/bdist.linux-aarch64/egg/EGG-INFO
copying Speech_Lib.egg-info/dependency_links.txt -> build/bdist.linux-aarch64/egg/EGG-INFO
copying Speech_Lib.egg-info/top_level.txt -> build/bdist.linux-aarch64/egg/EGG-INFO
zip_safe flag not set; analyzing archive contents...
creating 'dist/Speech_Lib-0.0.1-py3.6.egg' and adding 'build/bdist.linux-aarch64/egg' to it
removing 'build/bdist.linux-aarch64/egg' (and everything under it)
Processing Speech_Lib-0.0.1-py3.6.egg
Removing /usr/local/lib/python3.6/dist-packages/Speech_Lib-0.0.1-py3.6.egg
Copying Speech_Lib-0.0.1-py3.6.egg to /usr/local/lib/python3.6/dist-packages
Speech-Lib 0.0.1 is already the active version in easy-install.pth

Installed /usr/local/lib/python3.6/dist-packages/Speech_Lib-0.0.1-py3.6.egg
Processing dependencies for Speech-Lib==0.0.1
Finished processing dependencies for Speech-Lib==0.0.1
jetson@yahboom:~/Downloads/py_install_V0.0.1/py_install$
```