

语音控制电机Demo说明

下载源码和安装依赖

安装依赖

代码块

```
1 sudo apt install -y libopenblas-dev \  
2 portaudio19-dev \  
3 python3-dev \  
4 ffmpeg \  
5 python3-spacemit-ort libcbjson-dev libasound2-dev
```

代码块

```
1 pip config set global.index-url https://pypi.tuna.tsinghua.edu.cn/simple  
2 pip config set global.extra-index-url  
https://git.spacemit.com/api/v4/projects/33/packages/pypi/simple
```

代码块

```
1 cd ~/jobot-ai-pipeline/spacemit_audio  
2 sudo apt update  
3 sudo apt install -y python3-venv  
4 python3 -m venv ~/asr_env  
5 source ~/asr_env/bin/activate  
6 pip install -r requirements.txt  
7 pip install gpiozero
```

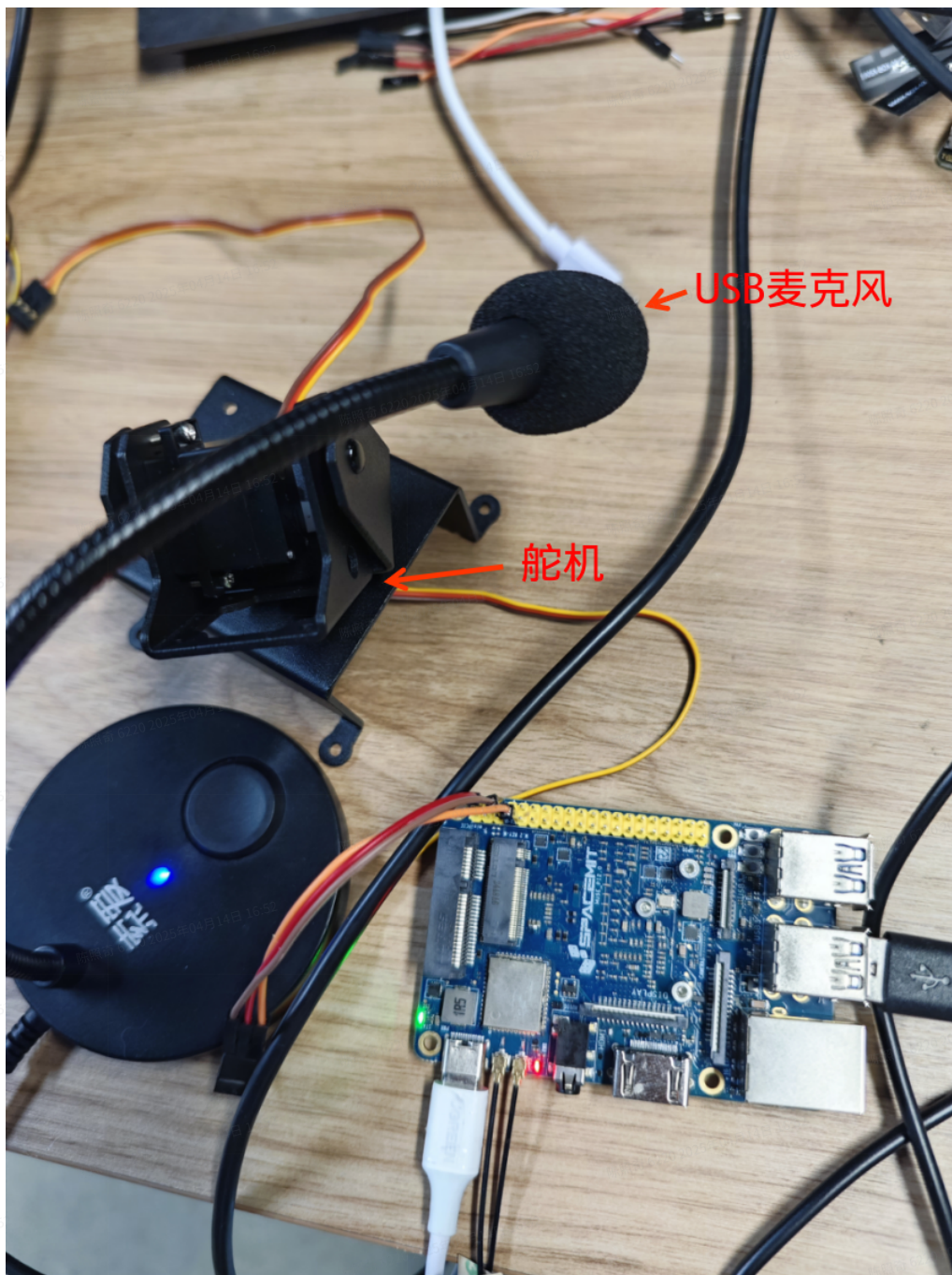
设置音频组

代码块

```
1 sudo usermod -aG audio $USER
```

运行：

硬件连接



代码块

```
1 source ~/asr_env/bin/activate
```

代码块

1 python voice_control.py