GPTRec

This document only talks about the operation instructions. You can read the source code of the big program for program related information.

Description

The function of the buttons on the car screen

Take the picture as an example:

A: Move left

B: Move right

C: Return key

D: Confirm key

Operation steps (English version)

1. First, make sure that the startup big program runs normally. Generally, the startup big program will be turned on when the computer is turned on. If you turn it off, you can restart the car or enter the following command to temporarily start the big program
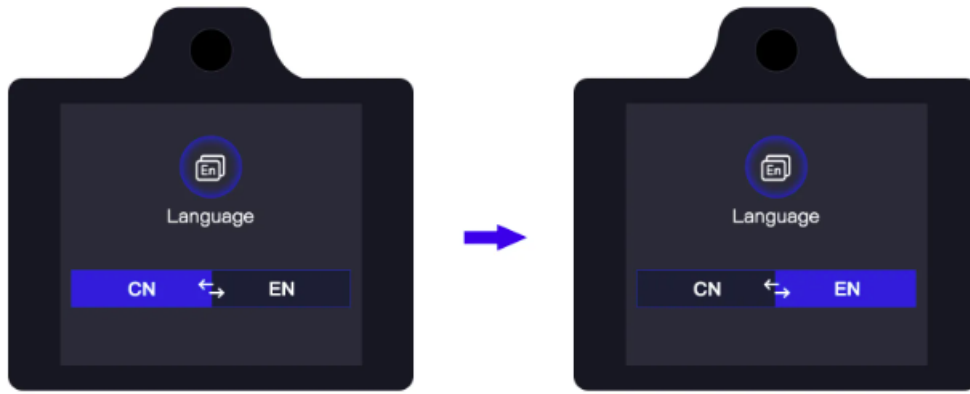   **If the big program has been started, please do not enter the following command, just skip it directly, otherwise it will cause screen abnormality.**
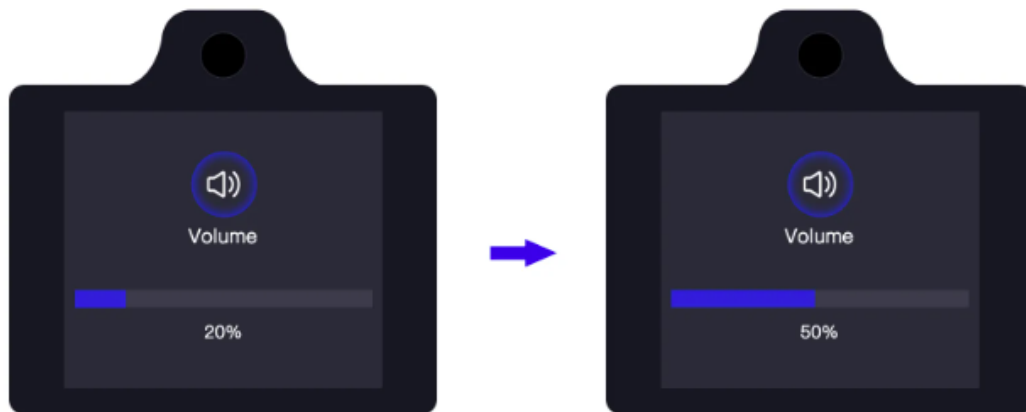
```
cd ~
sh start1.sh
```

You can start the big program,

2. Then enter the sample program. Open the text generated by the picture (GPTRec).
   If it is not the English version, you need to switch to the English version in the language interface.

If the sound is too low or there is no sound, you need to turn up the sound in the volume setting interface

3. You need to apply for your own api-key on the openai official website. This step may require scientific Internet access. All subsequent steps require the establishment of a ladder to use it. If you are not a Chinese user, you may not need scientific Internet access.

4. Modify the proxy IP address of the ladder and the applied api-key to these two lines in the ~/.bash_profile file. **The key provided by the system is not available**

```
sudo nano ~/.bash_profile
```

After the modification, save and exit.

For specific methods to apply for a key, see this link https://platform.openai.com/docs/quickstart

5. After the fourth step runs normally, restart the car, and then run the example case of the text generated by the picture.
   Use the wake-up word "lulu" to wake up the robot in the Internet state, take a picture, and synthesize the description of the picture according to the voice recognition of the large model, or ask questions about the content of the picture.
   ** Make sure the car is in the Internet state and can access the website in step 4 through the

browser.**

A little girl with a ponytail was holding a ball and playing with a snow-white dog on the lawn.

Warm reminder: **Openai's key is basically not free, it requires money, and you need to prepare at least 20 US dollars to try.**