**在为K11升级固件之前，请注意以下事项：**

1）升级固件只能使用Windows电脑，请使用Windows 10或以上版本的电脑；

2）除了将K11连接到电脑外，电脑USB接口上的其他设备或解码器建议都拔掉；

3）固件升级过程中，请不要断开电源、拔掉USB线。如果出现断电，下次上电时会主动进入固件升级状态。

**Before upgrading the firmware for K11, please note the following:**

1) Only Windows computers can be used to upgrade firmware, please use computers with Windows 10 or above;

2) In addition to connecting the K11 to the computer, it is recommended to unplug all other devices or decoders on the computer USB interface;

3) During the firmware upgrade process, please do not disconnect the power supply or unplug the USB cable. If there is a power outage, it will actively enter the firmware upgrade state the next time it is powered on.

**固件升级步骤：**

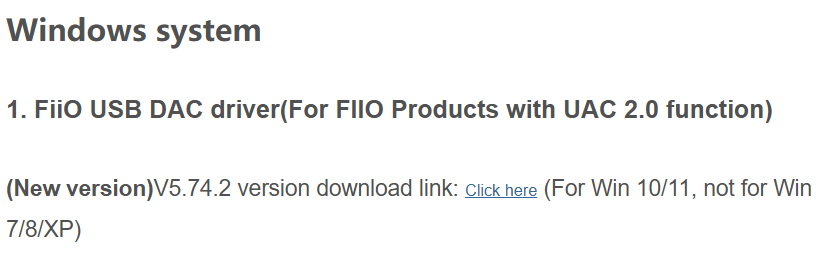
**Firmware upgrade steps:**

1. 安装Windows电脑驱动：<https://bbs.fiio.com/note/showNoteContent.do?id=201911191752415983705&tid=16>



1. Install the Windows computer driver:

<https://forum.fiio.com/note/showNoteContent.do?id=202105191527366657910&tid=17>

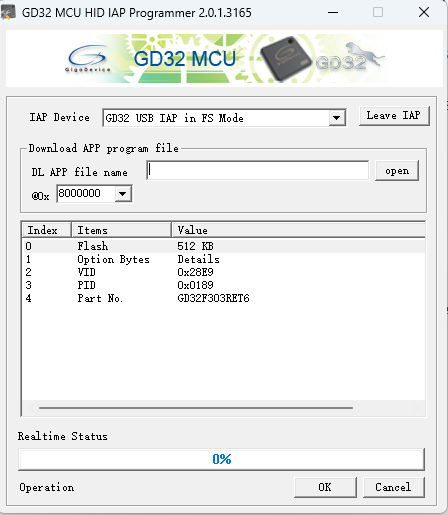


2. 打开K11，长按旋钮2秒钟进入菜单设置，旋转旋钮直到屏幕出现“UPDATE”字样。再短按旋钮，进入“Y/N”选项，旋转旋钮并选中“Y”，短按进入固件升级状态。此时，K11的屏幕上显示“RETURN”字样。

2. Turn on K11, press and hold the knob for 2 seconds to enter the menu settings, and rotate the knob until the word "UPDATE" appears on the screen. Short press the knob again to enter the "Y/N" option, rotate the knob and select "Y", and short press to enter the firmware upgrade state. At this time, the word "RETURN" is displayed on the K11 screen.

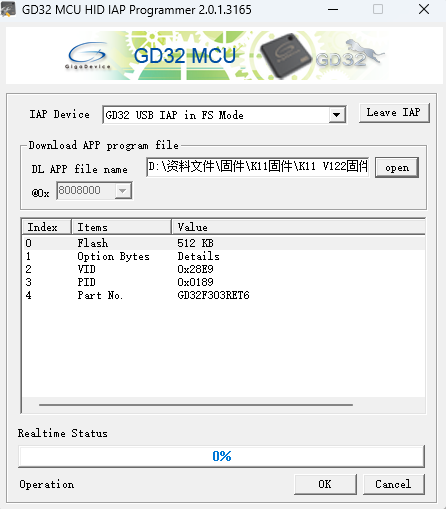
3. 打开“GD32\_MCU\_HID\_IAP\_Programmer”烧录工具（该工具免安装）。 注意：“IAP Device”这个设置必须是“GD32 USB IAP in FS Mode”，请不要更改！

3. Open the "GD32\_MCU\_HID\_IAP\_Programmer" burning tool (this tool requires no installation). Note: The setting of "IAP Device" must be "GD32 USB IAP in FS Mode", please do not change it!



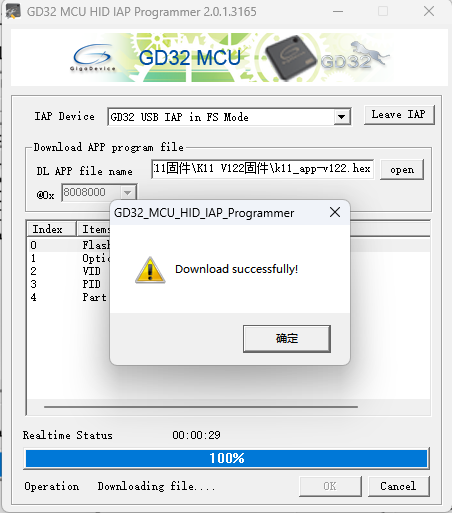
4. 点击“open”，选择文件“k11\_app-vxxx.hex”。

4. Click "open" and select the file "k11\_app-vxxx.hex".



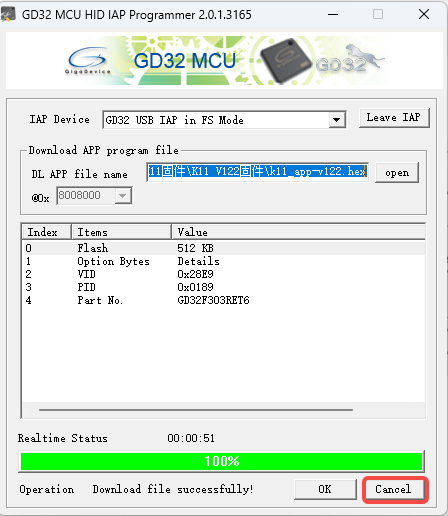
5. 点击“OK”开始升级固件，升级完成后，会显示“Download successfully!”。点击“确定”，再点击“Cancel”就可以退出升级工具。

5. Click "OK" to start the firmware upgrade. After the upgrade is completed, "Download successfully!" will be displayed. Click "确定" and then "Cancel" to exit the upgrade tool.



注意：如下图所示，此界面请点击“Cancel”按钮，退出软件；不要点击“OK”，否则软件又会重新进入升级状态。

Note: As shown in the figure below, please click the "Cancel" button in this interface to exit the software; do not click "OK", otherwise the software will re-enter the upgrade state.



6. K11固件升级完成后，屏幕会显示“RETURN”字样，短按旋钮可以看到“Y/N”选项，选择“Y”即可退出升级模式。之后，可以在菜单中看到“FW VXXX”标志，即说明K11固件升级成功。

6. After the K11 firmware upgrade is completed, the word "RETURN" will be displayed on the screen. Short press the knob to see the "Y/N" option. Select "Y" to exit the upgrade mode. After that, you can see the "FW VXX" logo in the menu, which means the K11 firmware upgrade is successful.