**在升级固件之前，请仔细阅读以下注意事项，之后再进行固件升级：**

**1、固件**升级过程中，请勿对设备进行复位，否则会造成设备冻结，无法开机。如果设备被冻结，只能将设备邮寄到FiiO总部维修。

2、升级过程中，如果担心电脑USB接口供电不足，可以将Q15的“PHONE MODE”切换为ON。

3、固件升级前，请保持Q15电量充足。固件升级过程中，请不要晃动或拔掉USB线，不要按任何按键。

**Before upgrading the firmware, please read the following precautions carefully before upgrading the firmware:**

1. During the firmware upgrade process, please do not reset the device, otherwise the device will freeze and cannot be turned on. If the device is frozen, the device can only be mailed to FiiO headquarters for repair.

2. During the upgrade process, if you are worried about insufficient power supply from the computer USB interface, you can switch the Q15's "PHONE MODE" to ON.

3. Before upgrading the firmware, please keep the Q15 fully charged. During the firmware upgrade process, please do not shake or unplug the USB cable, and do not press any buttons.

**Q15 V2.25固件升级内容：**

1、新增同轴解码支持PEQ

2、优化fiio control控制问题

3、优化EQ状态下输出音量偏小问题

**Q15 V2.25 firmware upgrade content:**

**1. Add support for PEQ in coaxial decoding;**

**2. Optimize the control issue of fiio control;**

**3. Optimize the problem of too low output volume in EQ mode.**

**Q15 XMOS固件升级教程：**

**Q15 XMOS firmware upgrade tutorial:**

1、固件升级只能使用Windows电脑，请使用Windows 10及以上版本的电脑。

1. Firmware upgrades can only be performed on Windows computers. Please use computers running Windows 10 or above.

2、固件升级前，请先在Windows电脑中安装FiiO USB DAC驱动：<https://bbs.fiio.com/note/showNoteContent.do?id=201911191752415983705&tid=16>



2. Before upgrading the firmware, please install the FiiO USB DAC driver on your Windows computer:

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



3、在为Q15升级固件之前，请拔掉电脑USB接口上的其他解码器。在Q15的设置中将USB模式调整为UAC 2.0，PEQ模式切换为BYPASS。另外，请确保在FiiO Control App中，Q15的PEQ模式为OFF。

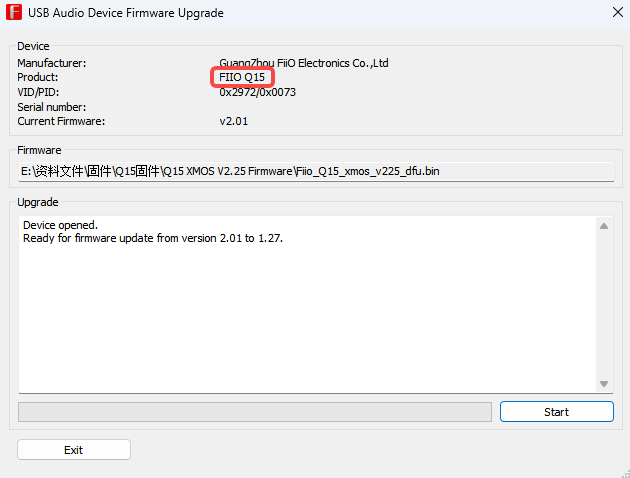
3. Before upgrading the firmware for Q15, please unplug other decoders from the USB interface of the computer. In the settings of Q15, adjust the USB mode to UAC 2.0 and switch the PEQ mode to BYPASS. Also, please make sure that in the FiiO Control App, the Q15’s PEQ mode is OFF.

4、Q15开机后，切换到USB模式，使用USB线连接底部的USB接口（注意：不是POWER IN接口）和Windows电脑。

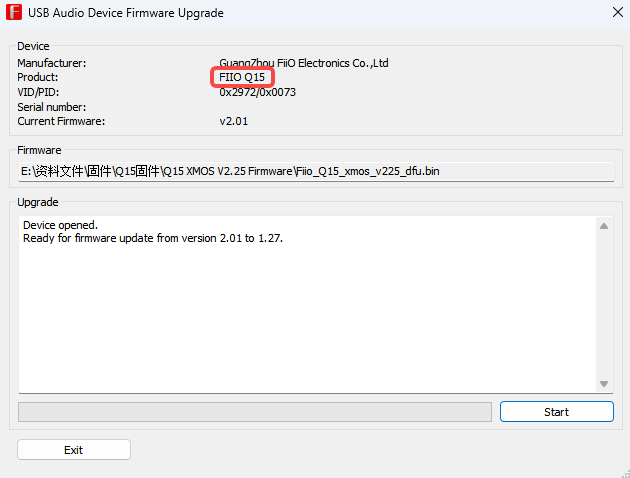
4. After turning on the Q15, switch to USB mode and use a USB cable to connect the USB interface at the bottom (note: not the POWER IN interface) and the Windows computer.

5、双击打开“FiiODfu”烧录工具，可以看到产品名称和固件版本号。请注意，Product的名称必须是“FIIO Q15”。如果您发现Product的名称是“FIIO Q15 EQ DevKit”，说明此时的PEQ模式不是OFF，请将PEQ模式调整为OFF，重新拔插Q15：

5. Double-click to open the "FiiODfu" burning tool, and you can see the product name and firmware version number. Please note that the Product name must be "FIIO Q15". If you find that the product name is "FIIO Q15 EQ DevKit", it means that the PEQ mode is not OFF at this time. Please adjust the PEQ mode to OFF and re-plug the Q15:

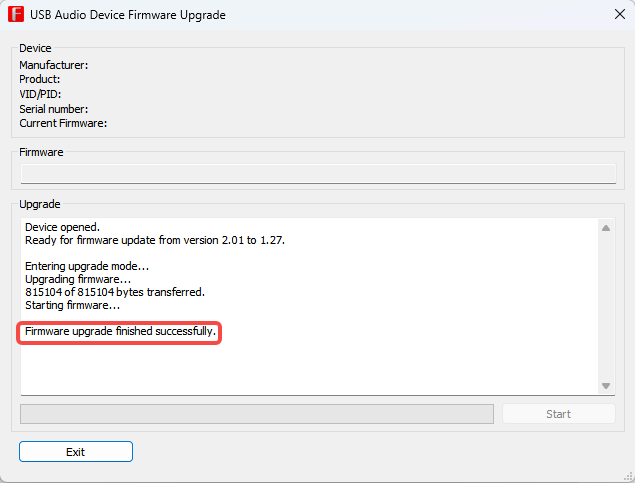


6、烧录工具会自动选择“Fiio\_Q15\_xmos\_v225\_dfu.bin”文件。

6. The burning tool will automatically select the "Fiio\_Q15\_xmos\_v225\_dfu.bin" file.

7、点击“Start”，开始烧录固件。当固件烧录完成后，会出现“Firmware upgrade finished successfully”。**此时，请勿拔掉USB线！Q15屏幕会显示“升级需要十分钟，请勿移动设备和拔出USB线”，请耐心等待10分钟，升级成功后Q15会自动开机。如果时间超过10分钟，屏幕依然显示“升级需要十分钟，请勿移动设备和拔出USB线”，可以重新拔插USB线，打开升级工具再次尝试固件升级。**

7. Click "Start" to start burning firmware. When the firmware burning is completed, "Firmware upgrade finished successfully" will appear. **At this time, do not unplug the USB cable! The Q15 screen will display "The upgrade will take ten minutes. Do not move the device or remove the USB cable.", please wait patiently for 10 minutes. The Q15 will automatically turn on after the upgrade is successful. If the time exceeds 10 minutes and the screen still displays " The upgrade will take ten minutes. Do not move the device or remove the USB cable.", you can re-plug the USB cable, open the upgrade tool and try the firmware upgrade again.**



8、升级成功后，就可以在FiiO控制面板中可以看到最新的固件版本号：

8. After the upgrade is successful, you can see the latest firmware version number in the FiiO control panel:

