**BTR13 V12.8固件升级内容：**

1、优化充电逻辑

2、优化UI显示

3、修复低增益平衡输出音量异常的相关问题

4、修复部分手机连接LDAC编码死机问题

**BTR13 V12.8 firmware upgrade content:**

1. Optimize charging logic

2. Optimize the UI display

3. Fixed low gain balanced output 0 volume mutation issue

4. Fixed the low gain balanced output curve probability popping problem

5. Fixed the LDAC coding crash of some mobile phones

**BTR13 V12.8固件升级有两种方式，在线升级和本地升级，你可以选择其中一种方式升级固件。在升级之前，您需要确认手机中已安装了最新版本的FiiO Control App，iOS用户可以从App Store中下载，Android用户可以从应用市场下载，或者从FiiO官网下载安装包导入到手机中进行安装：https://bbs.fiio.com/note/showNoteContent.do?id=202004151639417637974**

**There are two ways to upgrade the BTR13 V12.8 firmware, online upgrade and local upgrade. You can choose one of them to upgrade the firmware. Before upgrading, you need to make sure that the latest version of FiiO Control App has been installed on your phone. iOS users can download it from the App Store, Android users can download it from the Google Play, or download the installation package from the FiiO official website and import it into your phone for installation:**

**https://forum.fiio.com/note/showNoteContent.do?id=202105071628040377809&tid=17**

**在线升级：**

**Online upgrade：**

1、将BTR13侧边的按键拨到BT档位，与手机设置中的蓝牙连接。之后在FiiO Control App找到BTR13并点击连接。在BTR13页面，点击右上角的设置图案，找到“固件升级”，找到“在线升级”并点击，如果BTR13有可用的固件，此时会有弹窗提示新版本，点击确定即可升级。

请注意：固件升级过程中，请勿离开升级界面，否则可能会造成升级失败！升级时间可能会有些长，请耐心等待。如果升级失败，可以再次尝试。

1. Turn the button on the side of BTR13 to BT position and connect to the Bluetooth in the phone settings. Then find BTR13 in the FiiO Control App and click connect. On the BTR13 page, click the settings icon in the upper right corner, find "Firmware Upgrade", find "Online Upgrade" and click it. If BTR13 has available firmware, a pop-up window will pop up to prompt the new version. Click OK to upgrade.

Please note: During the firmware upgrade, please do not leave the upgrade interface, otherwise the upgrade may fail! The upgrade may take a long time, please be patient. If the upgrade fails, you can try again.

**本地升级：**

**Local upgrade:**

1、将“BTR13\_V12.8.bin”固件导入到手机中；

1. Import the "BTR13\_V12.8.bin" firmware into the mobile phone;

2、将BTR13侧边的按键拨到BT档位，与手机设置中的蓝牙连接。之后在FiiO Control App找到BTR13并点击连接。在BTR13页面，点击右上角的设置图案，找到“固件升级”，找到“本地升级”并点击，选择导入到手机中的固件，开始升级固件。

请注意：固件升级过程中，请勿离开升级界面，否则可能会造成升级失败！升级时间可能会有些长，请耐心等待。如果升级失败，可以再次尝试。

2. Turn the button on the side of BTR13 to the BT position and connect to the Bluetooth in the phone settings. Then find BTR13 in the FiiO Control App and click connect. On the BTR13 page, click the settings icon in the upper right corner, find "Firmware Upgrade", find "Local Upgrade" and click it, select the firmware imported into the phone, and start upgrading the firmware.

Please note: During the firmware upgrade, please do not leave the upgrade interface, otherwise the upgrade may fail! The upgrade may take a long time, please be patient. If the upgrade fails, you can try again.