Update the AMP MCU firmware

Brief:

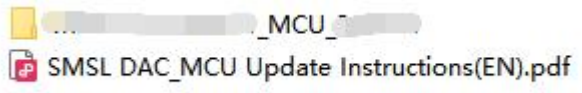
This document describes the program to upgrade the AMP main CPU. The upgrade method is to connect the windows PC via USB to upgrade. Please be careful not to turn off the power during the upgrade!

Steps:

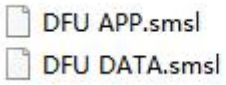
1） Don't supply power to machine first.

2） Unzip files,the firmware ordinarily packed in Zip file, and the file name, for example, is ” XX_MCU_FW.zip”.

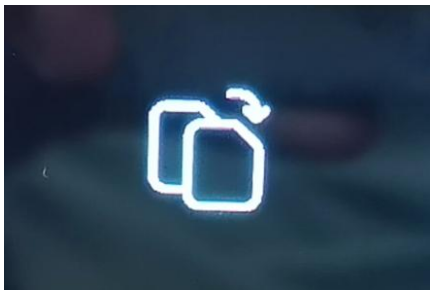
3） After unzip, the file is like:



4) Unzip the file;open the folder“XXX_MCU_XXXX”.(This folder contains the firmware for MCU).



5) Connect the machine service interface to the computer via USB cable. Press and hold the knob, then turn on the power, and release the key after 5 seconds. If you see the DAC starts normally, you need to repeat this operation .After successfully entering upgrade mode, the computer will display a device with a mobile hard disk of USB.



6) Copy the files(DFU APP.smsl and DFU DATA.smsl) in the folder to this mobile hard disk of USB. Waiting for the computer to display copy completed(Do not disconnect the power supply of the machine or perform any other operations during this period).

7) After completing the file copying, turn off the power of the machine. Then wait for 10 seconds. Press and hold the knob, then turn on the power.Waiting for the machine to complete the upgrade(Do not disconnect the power supply of the machine or perform any other operations during this period).

8) The machine will automatically turn on after completing the upgrade(If unsuccessful, please follow the steps again).

Update the AMP MCU bootloader

Brief：

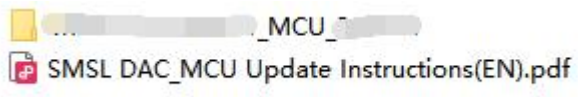
This document describes the program to upgrade the AMP main CPU. The upgrade method is to connect the windows PC via USB to upgrade. Please be careful not to turn off the power during the upgrade!

Steps：

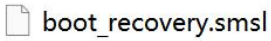
1） Don't supply power to machine first.

2） Unzip files,the firmware ordinarily packed in Zip file, and the file name, for example, is ” XX_MCU_FW.zip”.

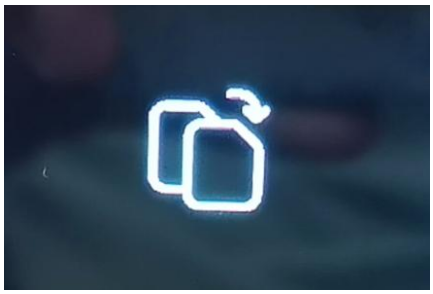
3） After unzip, the file is like:



4) Unzip the file;open the folder“XXX_MCU_XXXX”.(This folder contains the firmware for MCU).



5) Connect the machine service interface to the computer via USB cable. Press and hold the knob, then turn on the power, and release the key after 5 seconds. If you see the DAC starts normally, you need to repeat this operation .After successfully entering upgrade mode, the computer will display a device with a mobile hard disk of USB.



6) Copy the files(boot_recovery.smsl) in the folder to this mobile hard disk of USB. Waiting for the computer to display copy completed(Do not disconnect the power supply of the machine or perform any other operations during this period).

7) After the file copy is complete, turn off the device. With the knob released, turn the device back on to return to the normal operating screen.

8) Mute the device or set the volume to its lowest level. In Settings, highlight Reset and turn the knob counterclockwise continuously for 2 seconds. The device will automatically begin repairing the bootloader. (Keep the power supply stable during the update. Do not turn off the device or unplug it until the update is complete.)

升级功放 MCU 固件

简介：

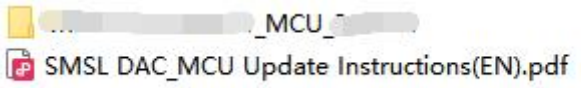
通过 USB 将功放连接到 Windows 电脑，即可升级主控芯片的固件。升级期间请勿关闭设备电源。

操作步骤：

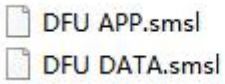
1）请先保持设备断电。

2）解压固件压缩包。固件通常以 ZIP 文件提供，例如 XX_MCU_FW.zip。

3）解压后的文件如下图所示。



4）打开解压后的“XXX_MCU_XXXX”文件夹，其中包含 MCU 固件文件。



5）用 USB 线将设备的维修接口连接到 Windows 电脑。按住旋钮并给设备上电，5 秒后松开旋钮。如果设备正常开机，请重复此操作。成功进入升级模式后，电脑会显示一个 USB 可移动磁盘。



6）将文件夹中的 DFU APP.smsl 和 DFU DATA.smsl 复制到该 USB 可移动磁盘，等待电脑上的复制操作完成。（复制期间请勿关闭设备电源或进行其他操作。）

7）文件复制完成后，关闭设备电源并等待 10 秒。按住旋钮，再给设备上电，等待升级完成。（升级期间请勿关闭设备电源或进行其他操作。）

8）升级完成后，设备会自动开机。如果升级未成功，请重新执行以上步骤。

更新功放 MCU 引导程序

简介

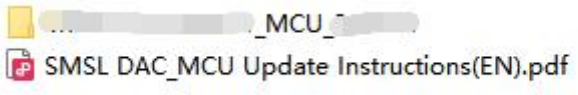
本节说明如何将功放通过 USB 连接到 Windows 电脑，以更新 MCU 引导程序（Bootloader）。升级期间请勿关闭设备电源。

操作步骤

1）请先保持设备断电。

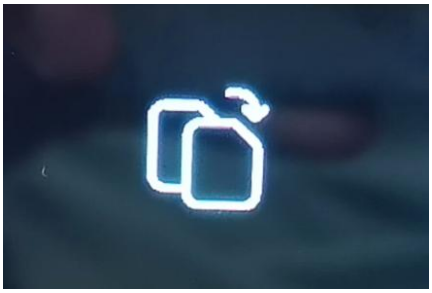
2）解压固件压缩包。固件通常以 ZIP 文件提供，例如 XX_MCU_FW.zip。

3）解压后的文件如下图所示。



4）打开解压后的“XXX_MCU_XXXX”文件夹，其中包含 MCU 固件文件。

5）用 USB 线将设备的维修接口连接到 Windows 电脑。按住旋钮并给设备上电，5 秒后松开旋钮。如果设备正常开机，请重复此操作。成功进入升级模式后，电脑会显示一个 USB 可移动磁盘。



6）将文件夹中的 boot_recovery.smsl 复制到该 USB 可移动磁盘，等待电脑上的复制操作完成。（复制期间请勿关闭设备电源或进行其他操作。）

7）文件复制完成后，关闭设备电源。松开旋钮，正常重新开机（设备的正常工作界面）。

8）将设备设为静音，或将音量调到最低。进入设置，选中复位，然后将旋钮连续向左（逆时针）转动 2 秒。设备会自动开始修复 Bootloader（引导程序）。（升级期间请保持供电稳定，直到升级完成前，切勿关机或拔掉电源。）