Contents

System Requirements

The utility will communicate over the same USB connection but via the HID-HID data pipe channel, no special drivers are required.

Compatibility

Windows 10   ✓
Windows 11   ✓

The utility can be used to configure the product to load firmware updates

Procedure

Download the utility from www.storm-interface.com/downloads,

Create a mic array folder and copy in the following downloaded files :-

- usb_upgrade.exe
- eula.rtf   (SLA software licence agreement)
- firmware.sfs   (this is the firmware file that will be installed)
- 000-IC-211-MICVXX-DWG.sfs   (XX is version number, this is the factory default firmware)

Ensure you have signed and returned a copy of the SLA

Locate the firmware update file and then save it in the folder as firmware.sfs
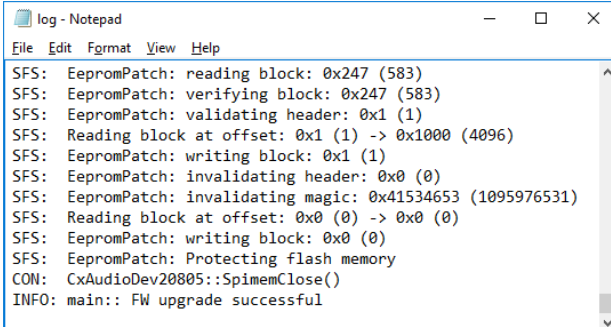
Run the firmware update

Connect the Microphone Array Module to a USB port (CD3 and E00 are the VID and PID)

Open a command prompt window

Navigate to the mic array folder

Use the following command :   usb_upgrade 0cd3 0e00

When the upgrade is in progress you will see a log file and on completion a success message


```
SFS:  EepromPatch: reading block: 0x247 (583)
SFS:  EepromPatch: verifying block: 0x247 (583)
SFS:  EepromPatch: validating header: 0x1 (1)
SFS:  Reading block at offset: 0x1 (1) -> 0x1000 (4096)
SFS:  EepromPatch: writing block: 0x1 (1)
SFS:  EepromPatch: invalidating header: 0x0 (0)
SFS:  EepromPatch: invalidating magic: 0x41534653 (1095976531)
SFS:  Reading block at offset: 0x0 (0) -> 0x0 (0)
SFS:  EepromPatch: writing block: 0x0 (0)
SFS:  EepromPatch: Protecting flash memory
CON:  CxAudioDev20805::SpimemClose()
INFO: main:: FW upgrade successful
```

Unplug the Microphone Array Module

Make a note of the serial number and the new firmware version for your records

Change History

Instructions for	Date	Version	Details
Config Utility	29 Apr 22	1.0	First release

Configuration Utility	Date	Version	Details
	29 Apr 22	1.0	First Release