USB box
Sound Loader
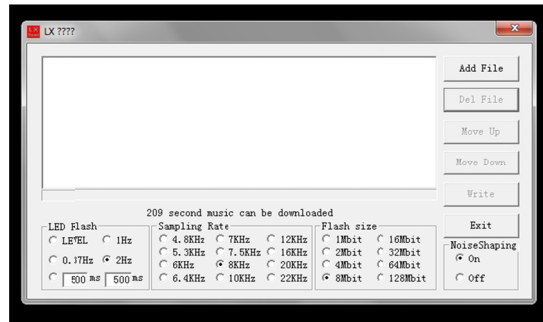# Instructions

v1.0 (USB)

bigDAWGS
PROMOTIONS

Step 1: Plug the USB box into a free USB slot in your PC
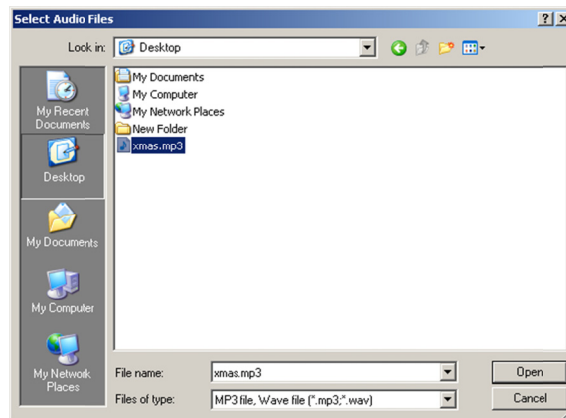
Step 2: Load the Sound Loader software
Click on: START > PROGRAMS > Sound Loader USB> Sound Loader Application

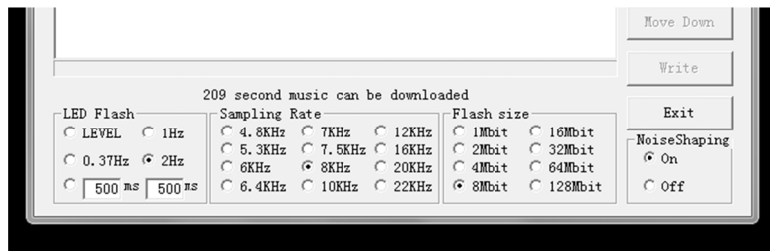## Step 3: Load the sound clip
Click the **ADD FILE** button. Choose your sound file (MP3 or WAV). Then click on **OPEN**. When done your sound file will be listed in the main box.

NOTE (4 button box only): You can add up to 4 different sound files. The sounds will play in the order that they are listed. The first sound listed is activated by the first button ("key 1") attached to the box. The second sound listed, the second button—and so on. You can use the **MOVE UP**, **MOVE DN** and **DEL FILE** buttons to edit the playlist.

Step 4: Choose the appropriate settings

Description of settings:

LED Flash (ignore)
Does not apply to this box. Changing this setting will have no effect.

Flash size
Please set this to **8Mbit.**

NoiseShaping
Default is ON. Depending on the type of sound the program can run filters that may improve the sound quality. In most cases this setting can be left at ON.
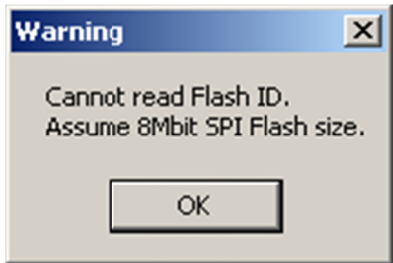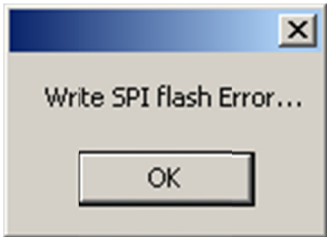
Sampling Rate
This is the quality vs. duration setting. The higher the setting the higher the sound quality. However the higher the setting the less amount of sound (duration) you can fit onto the chip. Likewise the lower the setting the lower the sound quality, but also the more amount of sound you can fit.

For each setting, the program will display (at the bottom) how much sound you can fit. This is an estimate only so the actual limit may be about 2-3 seconds less.

Step 5: Write the sound file onto the box
Click on the **WRITE** button.

Troubleshooting:
(software)

PROBLEM	CAUSE	REMEDY
Warning ☒ Cannot read Flash ID. Assume 8Mbit SPI Flash size. [OK]	Cannot find module: - Module not connected - Module not connected properly	- Unplug module and reinsert. - Try using a different USB port. - Try a different cable.
	Windows did not automatically install drivers properly.	Restart windows.
☒ Write SPI flash Error… [OK]	Sampling Rate setting is set to high or sound file it too long.	- Choose a lower setting. - Cut sound file shorter using sound editing software (eg. Audacity).
Program freezes or hangs	One of the above errors occurred, but the program failed to display the error.	- Press the **ESC** button. - Look at the taskbar for any related windows and close them. - Try the above remedies and try to **WRITE** again.
Box will not play.	Not programmed properly	Try reprogramming again.
	Battery problem.	- Make sure the switch on the battery pack is set to the ON position. - Check to see that the batteries are installed correctly.

Troubleshooting:

If your sound is too long, or if your sound is too soft, you can use sound editing software to adjust your sound file.

Many of our customers use "Audacity" which is free and can be downloaded at
http://audacity.sourceforge.net

You can also find resources on YouTube showing how to edit sound files.

YOUTUBE SEARCH RESULTS FOR "AUDACITY CUTTING SONGS"
http://www.youtube.com/results?search_query=audacity+cutting+songs

YOUTUBE SEARCH RESULTS FOR "AUDACITY AMPLIFY VOLUME"
http://www.youtube.com/results?search_query=AUDACITY+AMPLIFY+VOLUME