

# Sound Effects Generator

Copyright Sean O'Connor, September 1995

"Sound Effects Generator" is a program for creating Windows sound files. The sounds are saved as .EFC files which can be reopened and modified by the program. In the full version they will also be saved as .WAV files of the same name for use in other Windows applications.

There are four components to building up a sound:

## 1) The Amplitude Graph

The amplitude graph describes how you want the volume of the sound to change over time. To alter the graph click on one of the points and drag it to a new position.

You can create new points by clicking the right hand mouse button on the graph, and you can delete existing points by clicking the right hand mouse button directly on them.

To make the whole sound louder or quieter, click on the `+` and `-` buttons. The `R` button resets the volume to its original level.

## 2) The Frequency Graph

The frequency graph describes how you want the pitch of the sound to change over time. The top of the graph represents high frequency and the bottom low frequency.

You can create new points by clicking the right hand mouse button on the graph, and you can delete existing points by clicking the right hand mouse button directly on them.

To make the whole sound higher or lower, click on the `+` and `-` buttons. The `R` button resets the frequencies to their original levels.

## 3) The Waveform Graph

The Waveform graph shows what type of waveform will be used to produce the sound. The waveforms to choose from are sine (a pure sound), organ (a pure sound with harmonics), saw (a harsh sound), square (even harsher) and noise (random).

## 4) The Controls

**Length** The length of the sound file in milliseconds.

**Echo** Echo consists of the volume of the echo and the delay between the sound starting and when the first echo will start.

**Distortion** Distortion makes a maximum amplitude cut off point.

**Quality** The sounds quality can be either 11,025Hz or 22,050Hz. 22,050Hz produces better quality sounds but the .WAV files that are created are twice as large as at 11,025Hz.

**Repeat** The number of times the sound will be played.

## The Buttons

**Play** Plays the sound

**Open** Opens a previously saved .EFC file.

**Save** Saves the sound as a .EFC file and also as a .WAV file of the same name.

**Help** Brings up this help file.

**About** Displays the program's about box.

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## ***Credits***

### **Written by:**

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### **Thanks to:**

*Liam OConnor*

*Alex Dunney*

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The full copy of "Sound Effects Generator" allows you to also save the sounds you create as Windows .WAV files. To order a full copy, please send:

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