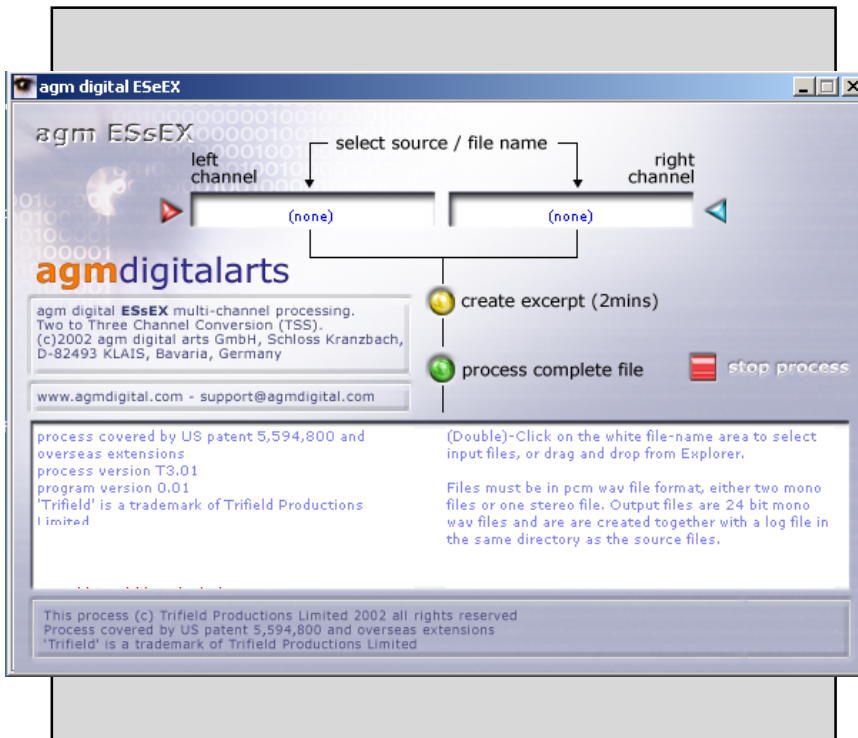


# AGM ESsEX v1.10

Preliminary information specifications subject to change without notice.

## The Process

Gerzon/Trifield processing is a patented conversion process for enabling the reproduction of stereo over speaker arrays of more than two channels. The process itself analyses the original 2 channel material and applies psychoacoustic remodeling to achieve 3 channel reproduction. As implemented in AGM's popular TSS processor that is currently in use worldwide for reformatting stereo to LCR, this process has proven the best possible for this type of work.



## Applications

Many replay situations benefit from the conversion of 2 channel sources for 3 channel replay.

These include:

- Stereo to LCR conversion of film music for end-credits and also for sound effects processing.
- Stereo broadcast material conversion for LCR broadcast.
- Rear Channel LS RS conversion for DTS-ES extended surround formats from 5.1 masters.

## Advantages

ESsEX processing is specifically designed to give a wider and more stable stereo image especially for off-center-axis listeners. Whereas a standard stereo image will "wander" in the direction of the off axis listeners, ESsEX processed material maintains a much better balanced image across a much wider listening area. Furthermore, the resulting 3 channel output maintains the mono-compatibility of the original material on fold-down far better than most other methods.

## AGM ESsEX

AGM ESsEX is a Windows™ application that can process either stereo or mono source files in 24 bit depth and up to 96kHz resolution. The processing works at several times faster than real-time on a Pentium III upwards compatible computer (W2000,XP,NT4) and produces automatically named output files and a short processing report.

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