SimFxTM MRI Auditory Simulation Software

SimFx software simulates the ambient scanner sound and the active scanning noise of an authentic MRI environment. SimFx has the ability to play back up to four different sound files simultaneously. SimFx can also accept input from an experimental paradigm which can be used to simulate how the scanner synchronization pulse triggers an experiment.

Coupled with the MRI Simulator, SimFx allows you to recreate an effective, simulated MRI environment.



Ambient Sounds Include:

	Ambient bounds Includer	
	Ambient Noise.wav	White noise, static
	 CryogenicPump.wav 	Noise from cryogenic pumps in the scanner room
	 AmbientCryogenic.wav 	Ambient.wav and cryogenicpump. wav in one file
Scanner Sounds Include:		
	• GE_DTI.wav	Diffusion Tensor Imaging Sequence
	• GE_SE. wav	Spin Echo Sequence
	• GE_EPI.wav	Echo Planar Imaging Sequence
	• GE_GRE.wav	Gradient Echo Sequence
	• GE_SPGR.wav	RF Spoiled Gradient Echo Sequence
	 Siemens_DTI.wav 	Diffusion Tensor Imaging Sequence
	 Siemens_Echo.wav 	Turbo Spin Echo Sequence
	 Seimens_EPI.wav 	Echo Planar Imaging Sequence
	 Siemens_Localizer.wav 	Patient Orientation Sequence
	Ciamana MDDACE way	Illtrafast Gradient Echo 3-D

Siemens_MPRAGE.wav
 Ultrafast Gradient Echo 3-D
 Sequence

Siemens_PD-T2.wav

Proton Density T2 Weighted Image Sequence

Ability to **add your own sound files** to SimFx **Supported file formats:** .wav, .mpa, .mp2, .au, .aif, .snd, .wma **Compatible with** Windows® XP, Vista, and 7



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