



AudioSpike – Technology

Software requirements:

- Microsoft® Windows® operating system (Windows® XP or higher, 32-bit or 64-bit). Windows 7® or higher is recommended
- AudioSpike is shipped with tool scripts to interface between MATLAB® or GNU Octave and AudioSpike. To use this optional script interface MATLAB® or GNU Octave is required.

Hardware requirements:

- Standard PC with recent hardware. The more power the computer has, the more channels and real-time evaluation windows can be handled simultaneously.
- Soundcard with ASIO driver.
- For recording electrode signals you will usually need microphone pre-amplifiers (built-in or external) to reach sufficient signal levels or signal-to-noise ratios respectively. Additionally you might need impedance converters to adjust the electrodes impedance to the input impedance of sound cards.
- Free USB port for the copy protection dongle

	AudioSpike uses the ASIO technology. ASIO is a trademark and software of Steinberg Media Technologies GmbH.
	AudioSpike uses VST effect plugins. VST is a trademark and software of Steinberg Media Technologies GmbH.