

# Silzel Performance System Version 1.14

## Technical Specifications\*

|  |  |
|--|--|
| <b>Operating Systems Supported</b>           |  |
|  | Windows XP/Vista   |
|  | Windows 7 (32 bit)   |
| <b>Computer Requirements</b>                 |  |
| <b>Audio Interface / Sound Card:</b>         | Installed ASIO Version 2.2 or WDM compliant audio interface intended for musical instrument use (at least one channel in, two channels out). WDM devices require a working installation of ASIO4ALL Version 2 or later. Only <b>44.1kHz, 16 or 32-bit data is supported. DO NOT USE INPUTS ON SOUND CARDS!</b> |
| <b>Disk Space:</b>                           | Approx 8 megabytes free disk space (for application). Additional disk space as required for plugins.   |
| <b>Optional Hardware</b>                     |  |
|  | External MIDI Controller (such as the Behringer FCB1010 Foot Controller) and USB interface for expression pedal, patch load, etc.  |
| <b>Audio Plugins</b>                         |  |
| <b>Compability:</b>                          | Audio effect or synthesizer (virtual instrument) plugins complying with the VST 2.4 standard.  |
| <b>Patch Management:</b>                     | Reads and writes patches and banks of patches using standard .fxb and .fxp file formats. (Disabled in DEMO Version.)   |
| <b>Tempo:</b>                                | Tempo can be entered by keystroke or tap tempo feature.  |
| <b>Audio Processing</b>                      |  |
| <b>Number of Input Channels:</b>             | One (user selectable) monophonic input from instrument.  |
| <b>Number of Output Channels:</b>            | Two (max) stereophonic outputs. Defaults to mono output.   |
| <b>Internal Numerical Resolution:</b>        | 32 bits  |
| <b>Sampling Frequency:</b>                   | 44.1 kHz   |
| <b>Minimum Latency (Effects Processing):</b> | 6 msec (typical, dependent on computer processing speed)   |
| <b>Actual Latency (Effects Processing):</b>  | Dependent on plugin processing requirements.   |
| <b>Pitch Recognition</b>                     |  |
| <b>Algorithm:</b>                            | Proprietary, violin-specific, monophonic.  |
| <b>Note Range:</b>                           | C3 to B6 (Five String Violin)  |
| <b>MIDI Data Output:</b>                     | Pitch, Pitchbend, Aftertouch and Dynamic Velocity (CC Mappable)  |
| <b>Minimum Latency:</b>                      | 12 msec, varies with pitch.  |
| <b>Actual Latency:</b>                       | Dependent on plugin processing requirements.   |
| <b>Transposition:</b>                        | Up/Down transposition up to two octaves (17 preset intervals)  |
| <b>Instrument Compatibility:</b>             | Compatible with analog electric violins.   |
| <b>External MIDI Control</b>                 |  |
| <b>Plugin Control:</b>                       | pass-thru of MIDI commands for patch change, dynamics, etc.  |
| <b>Control of SPS system:</b>                | Master volume, Plugin/Patch/Settings (performance) load.   |
| <b>Live Performance Presets</b>              |  |
|  | 127 "Performance" slots (MIDI recallable) for instant recall of plugin, patch, and configuration settings.   |
| <b>Documentation &amp; Support</b>           |  |
| <b>Manual:</b>                               | PDF format, included with install package.   |
| <b>Troubleshooting Guide:</b>                | PDF format, included with install package.   |
| <b>Suggested Plugins:</b>                    | PDF format, appendix to user manual.   |
| <b>Support:</b>                              | Online via support forum. Telephone support provided by distributor.   |

\*Specifications subject to change without notice.

\*\* Values measured using a Dell Latitude 830 Laptop running windows XP.

VST Plugin Technology and ASIO Technology by Steinberg Media Technologies, GmbH

VST, ASIO, Windows, Vista, XP, Behringer, FCB1010, ASIO4ALL, Dell, and Latitude are trademarks of their respective owners.

"Silzel Performance System" is a trademark of John W. Silzel, (c) 2012 by John W. Silzel, all rights reserved.