## eLektra Performance System Version 1.11
## Technical Specifications*

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

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