

powerful performance controller **PC4**



Specifications

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| Keyboard | <ul style="list-style-type: none"> • RPHA: Real Piano Hammer Action / 88-note, fully-weighted hammer-action with velocity and aftertouch sensitive adjustable keys | Sample Flash Memory | <ul style="list-style-type: none"> • 2 GB of re-loadable, non-volatile, user flash memory |
| Display | <ul style="list-style-type: none"> • 480 x 272 pixel high resolution color LCD with adjustable brightness | Factory Programs | <ul style="list-style-type: none"> • 1000+ |
| Polyphony | <ul style="list-style-type: none"> • 256 Voice Polyphony, dynamically allocated | User Programs | <ul style="list-style-type: none"> • 4096 |
| Multitimbral | <ul style="list-style-type: none"> • 16 parts (one per MIDI channel) | Factory Multis | <ul style="list-style-type: none"> • 50+ - featuring up to 16 independent zones |
| Architecture | <ul style="list-style-type: none"> • Dynamic VAST: Powerful synthesis engine, with user programmable DSP algs and routing. More DSP power than even our K Series instruments. 6-Operator FM Engine VA1 Inside: anti-aliasing, power-shaped oscillators and DSP processing from Kurzweil's VA1 concept synth, capable of delivering authentic analog emulations as well as incredibly complex new sounds. Cascade Mode: lets the user route one layer through the DSP of any other layer within a program - up to 32 consecutive layers deep! | User Multis | <ul style="list-style-type: none"> • 4096 |
| | | General MIDI | <ul style="list-style-type: none"> • No |
| | | Kurzweil String Resonance | <ul style="list-style-type: none"> • Yes |
| | | Master EQ/Compressor | <ul style="list-style-type: none"> • Yes |
| | | Effects= | <ul style="list-style-type: none"> • Over 1000 complex effect chains, incorporated into programs featuring our award winning effects - reverbs, delays, chorus, flange, phaser, EQs, distortions, rotary speaker simulators, compressors, and more • 32 total FX units |



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| Sequencer | 16 Tracks; 960 PPQ resolution. Song editing functions include both event and track-based tools like quantize, swing, remap, controller scaling and more. |
| MIDI CC Step Sequencers | 16 simultaneous |
| RIFFs | 16-per Multi |
| Note Arpeggiators | 1-per Program, 16-per Multi |
| Analog Outputs | Four (2 pairs) 1/4" balanced TRS analog (24-bit DACs) Automatic mono switching on main outs +21dBu maximum output 50Ω balanced source impedance |
| Audio Inputs | Two 1/4" inputs One stereo 1/8" input (each with FX) for connecting your favorite MP3 player or other audio source for accompaniment playback |
| Headphones | 1 back panel 1/4" headphone output 130mW into 32 ohm headphones |
| MIDI | In, Out |
| USB | Two USB ports (one A port / one B port) Complete MIDI functionality over USB User program/multi file backup via USB drive OS updates via USB drive |
| Software Editors | ?? External editors for Mac OS X, Windows PC and iOS* devices (*coming soon) |
| FREE OS Updates | OS updates via USB drive |
| Included Accessories | Power cable, Switch pedal, USB cable |
| Height | 6.5" (16.51 cm) |
| Depth | 14.75" (37.46 cm) |
| Length | 50" (127 cm) |
| Weight | 28.7 lb (13.01 kg) |
| Power | External 15VDC 2.5A Power Supply |