

Roland
V-Piano



The Piano Redefined

The acoustic piano . . . an icon of artistry and elegance, a cornerstone of the musical arts. Over the centuries, the piano has been refined by skilled craftsmen and fostered by composers and musicians on every continent, yet the instrument has remained fundamentally unchanged since its inception. Until now....

Introducing the V-Piano, Roland's bold redefinition of the classic instrument. Sophisticated and streamlined, the V-Piano can be tuned, adjusted, played, and appreciated just like the finest acoustic grand, but that's only the beginning. With Roland's innovative "living piano" engine inside, the V-Piano soars above the limits of modern digital-piano technology, ushering in a new world of creative potential and musical expression.

V-Piano



IVORY
FEEL

ESCAPEMENT

V-LINK

MP2

USB

USB
MEMORY

Editor Software Included

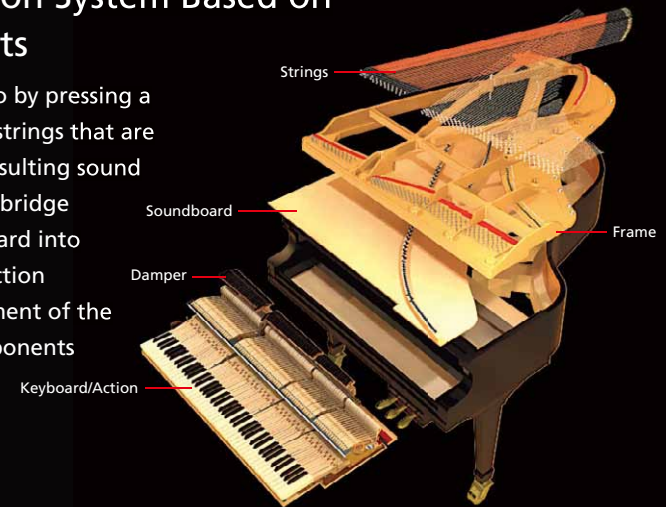
for Microsoft® Windows Vista®/
Windows® XP

for Mac OS X



Advanced Sound-Generation System Based on Acoustic-Piano Components

Sounds are produced on an acoustic piano by pressing a key, which causes a hammer to hit metal strings that are stretched across the piano's frame. The resulting sound causes other strings to resonate from the bridge to the soundboard to the body and outward into the surrounding space. This sound-production process was fundamental in the development of the V-Piano. The complex interaction of components was recreated meticulously, resulting in rich, realistic, organic grand-piano sound and performance.



Only the V-Piano Offers the Expressive Capability of an Acoustic Grand

By pressing a key on the V-Piano, you'll instantly realize the beauty and authenticity of the sound. The V-Piano replicates every detail of the acoustic piano's sound-production process, starting from the hammer hitting the strings. The result is seamless, transparent tonal change that corresponds to key pressure, unlike sample-based pianos that change in a digital "step-like" manner. With the V-Piano, decaying sounds linger and fade naturally, unlike sample-based pianos that employ waveform loops. For the first time in a digital instrument, the V-Piano provides truly accurate, authentic piano sounds that meet high-level performance demands.

New PHA III Ivory Feel Keyboard with Escapement

The V-Piano's keyboard was newly developed to achieve maximum comfort, playability, and response. The PHA III Ivory Feel keyboard with Escapement drastically improves key repetition while perfectly conveying dynamic, velocity-based tonal changes. The V-Piano also provides an escapement mechanism for each key, which recreates the authentic "click feel" of a grand-piano keyboard. This particularly improves expression when playing *pianissimo*. The keyboard also features Roland's acclaimed "Ivory Feel" — a comfortable and realistic moisture-absorbent material that prevents slipping caused by perspiration during performance.



Expand Your Creative Horizons with Vintage and Futuristic Pianos

Vintage Piano —

For the most demanding concert pianist Perfect classical performance

The V-Piano's Vintage piano model was created by meticulously analyzing the most revered, respected acoustic pianos from the past. In doing so, Roland's master sound designers achieved stunning realism and sound quality. With detailed control over the fine-tuning of multiple strings, hammer hardness, and complex resonance, you can make the V-Piano sound and behave like the most beloved acoustic pianos on the planet — from historical antique pianos to modern concert grands.

■ Main Piano-Voicing Parameters

Unison Tune	Damper Resonance
Hammer Hardness	Soundboard Resonance
Cross Resonance	Key Off Resonance
String Resonance	Damper Noise Level

Create a custom library of pianos that best suit your performance style or repertoire

Create a custom collection of pianos with the V-Piano's easy-to-use parameters. Take full control over complex resonance characteristics that occur between the strings, frame, soundboard, and piano body. This gives you the freedom and power to perform with a virtual showroom of pianos on one stage. The all-in-one dream is finally realized!



■ String Tuning



■ Adjust the hardness of the hammer

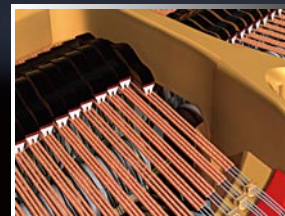




Vanguard Piano —

Shattering the physical limitations of past technology, the V-Piano lets you create new, innovative instruments

The V-Piano's Vanguard piano model takes the instrument to new levels of creativity. Imagine a piano with three strings for every key, even in the low register, with all strings wrapped in copper material or perhaps made of steel. Tones that were previously unavailable are now at your fingertips, with smooth, fluid performance across every note. Thunderously deep and smooth low notes can also be achieved, thanks to all-triple-string programming. With the V-Piano, you can set the piano-voicing parameters individually for each register, enabling gorgeous sounds, textures, and resonances that have never been heard before.

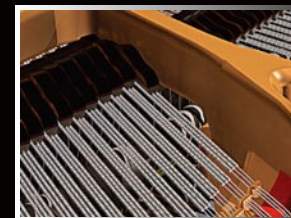


■ All-copper-wrapped strings with three strings per key



■ Editor screen: Adjust the pitch for specific key area zones

Offering all-silver-wrapped strings as a user-selectable choice, the V-Piano Vanguard model lets you express yourself in bold new ways. Since silver strings are physically softer and heavier than copper, the Vanguard model provides oversized, extra-hard virtual hammers to compensate. Only the V-Piano is capable of bringing this type of dream piano to life, with unprecedented sustain and shimmer. It's also possible to change tonality in real time via footpedal, which can be mapped to parameters such as cross resonance for controlling the hardness of the strings. Tuning is completely customizable as well.



■ All-silver-wrapped strings with three strings per key

Highly advanced yet friendly — V-Piano makes it easy to customize sounds and express

Creating sounds is incredibly easy with the V-Piano's intuitive, streamlined controls.

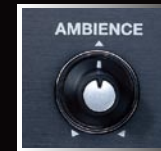
Although the V-Piano is capable of creating a wide variety of complex sounds, it's surprisingly simple to use. Chose a tone and adjust it to sound just the way you want with the friendly, streamlined array of buttons and data dial.

A custom editor helps you create authentic acoustic-piano sounds quickly and easily.

Since the V-Piano can be connected to a computer with a single USB cable, sounds can be customized with easy-to-use graphic-editing software.

Immerse listeners with the V-Piano's specialized ambience effects and four outputs.

The V-Piano features 12 types of advanced spatial effects for adding liquid-smooth ambience. A dedicated Ambience knob is located on the front panel for instant, hands-on control. In addition, the V-Piano is equipped with four outputs for creative, flexible routing.



your musical creativity

Supports SMF and audio-file playback via USB memory

The V-Piano is equipped with a USB memory port that lets you play back audio files stored on USB memory devices. In addition, SMF data can be brought to life using the V-Piano's onboard General MIDI 2 sound generator.



Image Synchronization Support With V-LINK

The V-Piano is V-LINK enabled. By combining it with a variety of V-LINK-compatible video devices, you can easily synchronize and control video content and still images.



V-Piano Specifications

Keyboard Section	88 keys PHA-III (Progressive Hammer Action III) Ivory feel Keyboard with Escapement
Sound Generator Section	(V-Piano) <ul style="list-style-type: none"> Maximum number of tone-producing virtual strings: 264 string (varies according to the sound generator load) Tones: Preset=24 Tones, User=100 Tones Setups: 100 V-Piano editing parameters: Unison Tune, Hammer Hardness, Cross Resonance, Tone Color, String Resonance, Damper Resonance, Soundboard Resonance, Key Off Resonance, Damping Time, Damper Noise Level and more Effects: Ambience=12 types, 4-band Digital Equalizer
	(GM2: playable via SMF and MIDI) <ul style="list-style-type: none"> Parts: 16 Parts Maximum Polyphony=128 voices Tones: 256 Tones
Sequencer Section	<ul style="list-style-type: none"> Playable File Format: Standard MIDI File= format-0/1, Audio File= WAV, MP3 Recording Format: Standard MIDI File= format-0 Number of Recording Tracks: 1 track (realtime recording) Note Capacity: approx. 30,000 notes Control: Play/Stop, Backward, Forward, Tempo Change, Transpose, Center Cancel (only for audio playback) Tempo: Quarter note = 10 to 500, Audio Playback Speed=75-125% Resolution: 120 ticks per quarter note Metronome: Beat: 2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8, Volume=11 levels Song Length: Max 998 measures
Other	<ul style="list-style-type: none"> Display: 240 x 64 dot graphic LCD (with backlight) Controllers: Volume knob, Ambience knob Pedal: Damper (half-pedal recognition), Soft (half-pedal recognition, function assignable), Sostenuto (function assignable) Internal Memory: 4M bytes Other Functions: Panel Lock, V-Link Connectors: Output A (L/MONO, R standard), Output A (L, R XLR), Output B (L/MONO, R standard), Output B (L, R XLR), Input (L/MONO, R standard), Piano Pedal, Damper Pedal, Control Pedal (FC1, FC2), MIDI (IN, OUT, THRU), USB (MIDI, Memory, For Update), Digital Audio Out (Coaxial), Headphones, AC Inlet Power Supply: AC 100 V, AC 117 V, AC 230 V or AC 240 V (50/60 Hz), AC 220 V (60 Hz) Power Consumption: 27 W
Dimensions	mm: 1,411 (W) x 530 (D) x 166 (H) inches: 55-9/16 (W) x 20-7/8 (D) x 6-9/16 (H)
Weight	38.2 kg 84 lbs 4 oz
Accessories	Owner's manual, CD-ROM (Editor), Piano Pedal, USB Cable, Power Cord

Rear Panel



1 USB PORT FOR UPDATES

USB port can be used for future functional enhancements.

2 DIGITAL OUT (COAXIAL)

High-quality sound output (for use with a coaxial cable)

3 MIDI USB PORT

The MIDI USB Port makes it possible to connect the V-Piano to a computer. MIDI data can also be sent back and forth between the V-Piano and music-software applications, etc.

4 DISPLAY CONTRAST

The display-contrast control allows instant adjustment to display brightness according to stage and studio conditions.

5 PEDAL CONNECTORS

These connectors are inputs for the V-Piano's custom triple piano pedal, damper pedal, and control pedals (2 jacks).

6 MIDI IN, OUT, and THRU

Enables data communication with other MIDI-compatible instruments and devices.

7 Input Jacks

Allows stereo input from an external audio source.

8 Output Jacks

Two pairs of stereo outputs (output A and B) are provided, with redundant 1/4" and XLR connectors.

Options



KS-V8

Keyboard Stand



Play the V-Piano with style and stability atop the KS-V8, a custom iron stand with four support columns, removable legs, level adjusters for uneven floors, and covers for concealing cables. It can be folded for transport and storage.

Size when folded: mm: 1451(W) x 675.5(D) x 110(H)
inches: 57-1/8(W) x 26-5/8(D) x 4-3/8(H) (not included projection)

KC-880

Stereo Keyboard Amplifier



The flagship of the KC amp series is packed with high-performance features, including five channels of stereo input, 320 watts of power, Roland's famous DSP effects built in, and Stereo Link for chaining multiple units.

RH-300

Stereo Headphones



(Closed type)

RH-A30

Monitor Headphones



(Open-Air type)

DP-10

Damper Pedal



EV-5

Expression Pedal



FS-6

Dual Footswitch



BOSS

FS-5U

Footswitch



(momentary type)
BOSS

www.roland.com/V-Piano

