VIMA® RK-300

Roland®

Is it a piano or an instrument for entertainment? It's up to you.
VIMA® RK-300 offers new styles of musical entertainment and enjoyment
with rich musical content and visual materials.

This is the debut of a new-concept digital keyboard that incorporates the highest quality digital piano with music and visual enhancement. Let's connect the VIMA RK-300 with the big-screen TV in your living room. Experience a new world of enjoyment with the fusion of music and visuals as you sing and play. VIMA's entertainment world can include external data and devices, such as audio CDs, digital cameras, or other electronic musical instruments.

RK-300 with optional KSC-48 Keyboard Stand

RK-300 with optional KSC-48 Keyboard Stand

VIMA piano sound — based on Roland's decades of world-leading research in acoustic-piano analysis and digital-piano technology

The RK-300 incorporates Roland's finest 88-note stereo sampled grand piano sound, offering incredible realism from powerful low-range notes to brilliant highs. Due to meticulous sampling of all 88 notes of a world-famous acoustic grand piano, the RK-300 reproduces every sound and resonant characteristic with clarity, detail, and authenticity. With the Piano Designer function, you can adjust delicate sound characters such as the open / close degree of the piano lid, string resonance, etc. Up to 128 voices can play simultaneously, ensuring the natural resonance of strings when using the damper pedal extensively.

The continuous pedals react your pedaling techniques and emotional expressions

The RK-300's damper and soft pedals can detect the slightest and most delicate pedaling work. Piano-pedaling techniques such as positional depth are authentically reproduced with the RK-300.

Natural-feeling key touch with expressive control

PHAII

The RK-300 is outfitted with Roland's acclaimed PHAII keyboard, which realizes the natural touch of a grand piano exclusively with the weight of hammers (no springs are used). The keys sink quietly and smoothly when pressed lightly, and provide slight resistance when pressed more forcefully. Even the grand-piano keyboard's unique "let off" feeling is faithfully reproduced.

A variety of lesson-oriented features are also onboard

RK-300's convenient lesson-assist features (metronome, recorder, Twin Piano, etc…) can help students master the piano.

Let's play your favorite songs backed by MP3 or audio CD

The RK-300 comes with a popular and widely varied song library on the bundled CD-ROM (stored as music data). With music data, you can change key and tempo, and you can mute or solo each part separately (right hand, left hand, backing) for play-along practice. The RK-300 can also play audio data such as MP3 files*1 from USB Flash Memory and other media; audio CDs can be played via USB CD drive. With audio data, you can change key and tempo, while the Center Cancel feature lets you minimize the melody part so you can play along. You can be a soloist with your favorite CD, for example.

* WAV files, MP3 files, audio CD

▲ The current playback section of the internal songs / bundled CD-ROM songs can be displayed as music notation on the built-in LCD monitor or to a large TV screen.

Piano Roll lets you visualize the music

Piano Roll plays in sync with the music data. Two types of Piano Roll displays are provided (Classic type: early 20th Century player-piano-like design; Modern type: futuristic music score).

▲ Classic type

ANIME function combines sound and visual images

Onboard ANIME effects can appear onscreen along with your performances or music-data playback. Eight types are provided, including Petal, Musical Notes, Note Names, Snow Crystals, etc. It's an exciting new performance experience, as if you are playing notes and graphics simultaneously. You can change ANIME parameters (type, color, etc.). You can also control the ANIME effects using the D Beam*. You can layer ANIME with visual images from external DVD player (sold separately), VIMA TUNES® etc. to create unique visual effects.

* D Beam (➡ Page5)

◀▲ ANIME can also be overlaid with slideshow images.

Recommended Applications | VIMA TUNES | JPEG | WAV | MP3 | Audio CD | DVD | Portable Player | Bundled Contents

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RK-300 with optional KSC-48 Keyboard Stand

RK-300 with optional KS-G8 keyboard Stand

Enjoy karaoke at home!

With RK-300's bundled songs, VIMA TUNES® songs, and Standard MIDI Files with lyrics, you can enjoy a complete karaoke experience at home. Remote controller (included) allows you to start / stop / change key, etc. from across the room. Your own digital-camera photos can be utilized as background images of the karaoke-lyric display.

Add background harmony to your singing

RK-300 allows you to add nice harmonies to your singing without any complex operation. While performing with the RK-300's onboard songs / VIMA TUNES*[1] you can automatically add harmonies onto your voice. You can turn vocal harmonies on/off with a footswitch, freely adding background singing whenever you want it. You can choose the most suitable harmony styles among three types of presets: Duo, Trio and Quartet. In case a singer is singing along with audio data playback on RK-300, his/her voice can be harmonized as well, according to the real-time keyboard performance on RK-300*[2].

*1 The song data of RK-300's Internal Songs / bundled CD-ROM and VIMA TUNES specially contain the dedicated chord information which enables RK-300 to harmonize your voice automatically.
*2 Keyboard player needs to play chord backing in order to let RK-300 recognize the chords.

Your favorite music library can be transformed for karaoke

Thanks to the RK-300's Center Cancel feature, your personal music library can become backing tracks for karaoke. Your CD, DVD*[1], or downloaded audio files (via portable audio player such as iPod®*[2]) can be transformed into karaoke songs. Create a karaoke-party environment by connecting the RK-300 to a large TV monitor and loading visual content such as DVD video*[1,2], etc.

*1 Commercial DVD player is required.
*2 Connection with RK-300 is made via RK-300's Audio/Video port.

Why not create your own custom-made VIMA TUNES library?

You can easily create your own VIMA TUNES titles for the RK-300 with Cakewalk's SONAR Digital Audio Workstation software and the VIMA TUNES Image Tool plug-in. Standard MIDI Files and your digital-photo libraries can be incorporated with the VIMA TUNES library. Experience a new, personalized style of karaoke that consists of your favorite songs and photos.

*1 Following Cakewalk SONAR products are compatible with VIMA TUNES Image Tool: SONAR 6 Producer/Studio, SONAR 6 LE, SONAR Home Studio 6/6 XL, SONAR 7 Producer/Studio, SONAR 8 Producer/Studio
*2 VIMA TUNES Image Tool is free downloadable at: http://www.roland.com/products/en/VIMA_RK-300/index.html

Recommended Applications | VIMA TUNES | JPEG | WAV | MP3 | Audio CD | DVD | Portable Player | Bundled Contents

Let's enjoy ensemble sessions with VIMA, guitar, drums, and vocals

Plug a microphone and a variety of electronic musical instruments into the RK-300. Thanks to its powerful speakers, onboard vocal effects (echo, etc.), and built-in guitar-amp models, the VIMA RK-300 is a dream machine for the whole band. Plug in V-Drums, a vocal mic, and an electric guitar and your rock band is ready to jam through the RK-300. With its ability to combine realtime instrumental performance with music-data playback and visual imagery, the VIMA RK-300 is in a league of its own. When playing the internal song titles or VIMA TUNES® data, the RK-300 can display DigiScore notation with chord names on a TV monitor.

Control the visual and sound by moving your hand over the D Beam

The built-in D Beam is a unique live performance tool that makes your keyboard performances magical. Your hand movement over the invisible beam can control ANIME effects or the sounds of RK-300, including sound effects such as applause.
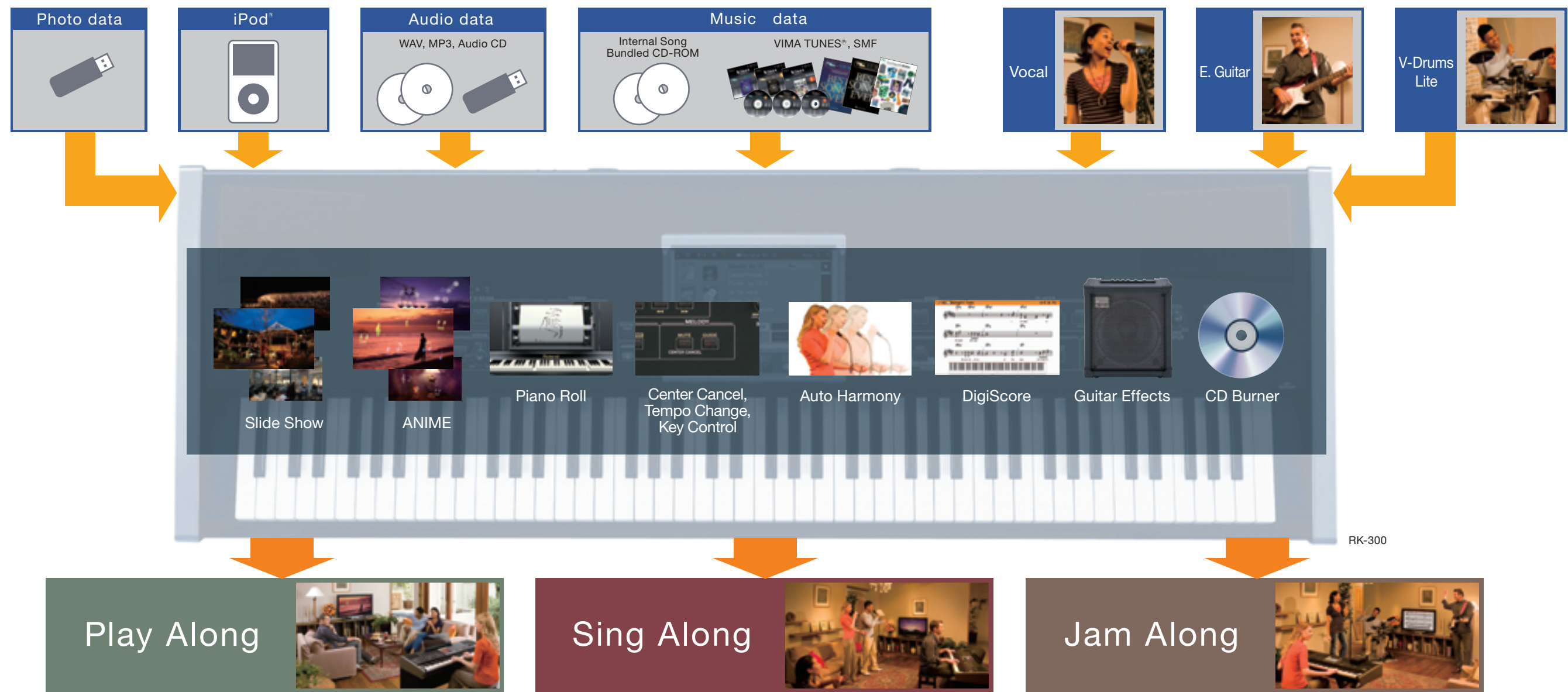

The beam in the photo has been colored to show the path of the D BEAM; the actual beam is invisible.

Record your RK-300 performances and karaoke parties, and burn CDs immediately afterward

As you perform on the VIMA's keyboard, it can save and record everything you do. It can even record any vocal microphone, electric guitar, V-Drums, or other instruments that are connected too. CDs are a great way to archive your jam sessions, songwriting ideas, performances, parties, etc. The RK-300 can burn CDs instantly with its onboard CD drive. CDs of karaoke sessions make nice souvenirs for the party guests. Jam sessions can be recorded and distributed to bandmembers for song evaluation and learning.

It's easy to create an original CD with the RK-300

Record your performance → Select a song → Burn it to disc with the built-in CD drive → Just follow the instructions on the LCD screen.

Recommended Applications | VIMA TUNES | CD-R | Guitar/Bass | V-Drums | Bundled Contents

Integrate a variety of music and images to create the ultimate entertainment experience!

Photo data

iPod®

Audio data
WAV, MP3, Audio CD

Music data
Internal Song Bundled CD-ROM | VIMA TUNES®, SMF

Vocal

E. Guitar

V-Drums Lite

RK-300

Slide Show

ANIME

Piano Roll

Center Cancel, Tempo Change, Key Control

Auto Harmony

DigiScore

Guitar Effects

CD Burner

Play Along

Sing Along

Jam Along

VIMA® RK-300

Modern design, complete connectivity

Its modern, elegant two-tone design fits beautifully in any environment, from home to hotel, studio to stage. Choose a classic wooden keyboard stand with three pedals (KSC-48) or a metallic, futuristic keyboard stand (KS-G8) with a single pedal.

Navigating the RK-300 is simple with the onboard color LCD touch-screen. The friendly screen layout makes it easy to select songs, ANIME patterns, etc. It is also serves as an excellent monitor for external video devices, such as connected DVD players or digital cameras. The VIMA RK-300 is well equipped with inputs for a wide variety of video and audio gear, which vastly enhances the entertainment experience.

RK-300 at home

When used with the KSC-48, the RK-300 provides an impressive combination of four speakers with 90W of rated power output. The powerful sound is perfect for home parties and performances. The KSC-48's pedal unit (three pedals built in) lets players tackle serious piano songs without restriction.

Keyboard Stand **KSC-48**

RK-300 with optional KSC-48

RK-300 on stage

Together with the unique and stylish KS-G8 keyboard stand, the RK-300 stands out on stage. Although the KS-G8 is slim and lightweight, it provides solid support even during the most intensive stage performances. The stand is foldable and portable, and offers three height adjustments.

Keyboard Stand **KS-G8**

RK-300 with optional KS-G8

Internal Songs

Sonate No.15	Arabesque 1	Étude, op.10-5
Liebesträume 3	An der schönen, blauen Donau	Dr. Gradus ad Parnassum
Étude, op.10-3	Auf Flügeln des Gesanges	Grande Valse Brillante
Je te veux	Mazurka No.5	La prière d'une Vierge
Valse, op.64-1	Gymnopédie 1	Course en Troïka
Golliwog's Cakewalk	Étude, op.25-1	To The Spring
Fantaisie-Impromptu	Clair de Lune	Valse, op.64-2
		...and many more

Bundled CD-ROM "Roland Music Files Best Selection"

Irreplaceable	Rock Around The Clock	Tie A Yellow Ribbon Round The Ole Oak Tree
Bad Day	Save The Best For Last	Killing Me Softly With His Song
Don't Know Why	From A Distance	Top Of The World
Tears In Heaven	Up Where We Belong	American Pie
Hard To Say I'm Sorry	If Ever You're In My Arms Again	Joy To The World
Let It Be	Endless Love	Your Song
The Girl From Ipanema	Copacabana	The Dock Of The Bay
		...and many more

*The listed titles of the internal songs and in the bundled CD-ROM are subject to change without prior notice.

VIMA TUNES CD-ROM Library VIMA®

Build your dream audio/visual collection

With the VIMA RK-300 as your entertainment centerpiece, you can assemble your own personal library of timeless songs and images with VIMA TUNES CD-ROM discs. These discs are packed with amazing music, still images, and scroll-along lyrics — ready to load and play right out of the box!

What is VIMA TUNES?

VIMA TUNES is a Roland standard that enables still-image and lyric display during music playback. You can enjoy slideshows and lyrics for karaoke on external displays, such as large-screen TVs, when you play back VIMA TUNES on VIMA keyboards, Music Atelier, or compatible Roland products.

Specifications

Keyboard	Keyboard	88 keys (PHA II with escapement)
	Touch Sensitivity	Touch: 100 levels/Fixed Touch (level adjustable), Hammer Response: Off, 1 to 10
	Keyboard Mode	Whole, Layer (volume balance adjustable), Split (split point adjustable), Manual Drums/SFX, Twin Piano
Sound Generator	Sound Generator	88 keys stereo multi-sampled piano sound, Conforms to GM2 / GS / XG Lite
	Max. Polyphony	128 voices
	Tones	330 tones (incl. 8 drum sets, 1 SFX set)
	Temperament	8 types (Equal, Just (Major) , Just (Minor) , Arabic, Kirnberger, Meantone, Pythagorean, Werkmeister) , selectable tonic
	Stretched Tuning	On/Off
	Master Tuning	415.3 to 466.2 Hz (adjustable in increments of 0.1 Hz)
	Transpose	Key Transpose: -6 to +5 (in semitones), Playback Transpose: -6 to +5 (in semitones)
	Effect	Reverb (10 levels), Dynamics (3 types), Tone effects Only for Piano Tones: Open/close lid (7 levels), Hammer Noise (5 levels), Damper Noise (10 levels), Duplex Scale (10 levels), Damper Resonance (10 levels), String Resonance (10 levels), Key Off Resonance (10 levels)
Metronome	Metronome	Tempo: Quarter note = 10 to 500, 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: 0 -- 10 levels, Metronome Pattern: 11 patterns, Metronome Sound: 8 types
Recorder(SMF)	Recording Method	Realtime
	Control	Song Select, Reset, Play/Stop, Rec, Bwd, Fwd
	Tracks	1 Track
	Songs	1 Song
	Note Storage	Approx. 30,000 notes
	Tempo	Quarter note = 10 - 500
	Resolution	120 ticks per quarter note
	Others	Melody (Mute, Guide), Count-in, Countdown, 16 part Mute, Tempo Mute, All Song Play, Volume Balance,
Recorder (Audio)	Recording Method	Realtime
	Recording Format	WAV 44.1kHz / 16bit Linear Format
	Control	Song Select, Reset, Play/Stop, Rec, Bwd, Fwd
	Tempo (Audio)	-75 - +125%
	Others	Center Cancel
User Memory	External Storage	USB Flash Memory, CD-ROM, CD-R
	Playable Software	Standard MIDI Files (Format 0/1), Roland Original Format (i-Format), Audio File (WAV 44.1kHz /16bit Linear Format), MP3 File, Audio CDs (CD-DA)
	Save Data	Standard MIDI Files (Format 0), Audio File (WAV 44.1kHz / 16bit Linear Format), Max. 99 User Program Sets
External Memory	External Storage	USB Flash Memory, USB CD Drive
	Playable Software	Standard MIDI Files (Format 0/1), Roland Original Format (i-Format), Audio File (WAV44.1kHz / 16bit Linear Format), MP3 File, Audio CDs (CD-DA)

	Save Data	Standard MIDI Files (Format 0), Audio File (WAV 44.1kHz / 16bit Linear Format), Max, 99 User Program Sets
Internal Songs	Internal Songs	75 songs + 3 demo songs
Display	Display	Graphical Color LCD 800 x 480 dot (with backlit)
	Notation	Grand staff / G clef staff / F clef staff, with note name / lyrics / chords/ fingering
	Lyrics	Yes (built-in display / external display)
	Language	English / Japanese / German / French / Spanish (these languages only apply to some messages in the screen)
Other Functions	User Program	8 User Programs, Max. 99 User Program Sets
	Others	Panel Lock, V-LINK, Piano Designer, Demo, Recommended Tone Slide Show, Piano Roll, ANIME
	Audio CD Burning	Max. recording capacity: 650MB (approx. 74min), 700MB:(approx. 80min), Up to 99songs
Connectors	USB Connectors	USB MIDI Connectors, USB Ext Drive Connector, User Memory Connector, Ext. Memory Connector
	External Display Connectors	External Display connector (15-pin D-Sub type)
	Other Connectors	Audio Output Jacks (L/Mono, R), Output Jacks (Video, L, R), DVD Input Jacks (Video, L, R) Audio/Video Port Jacks (Video, L, R), Phones Jack (Stereo) x 2, Mic1/Guitar Jack, Mic2 Jack, MIDI Connectors (IN, OUT), Piano Pedal Jack, Control Pedal Jack, AC In, AC Out(for KSC-48)
Others	Rated Power Output	15 W x 2 (without KSC-48), 15 W x 2 + 30 W x 2 (with KSC-48)
	Speakers	8cm x 12cm x 2 with Speaker Box (RK-300), 16cm x 2 with Speaker Box (KSC-48)
	Control	Volume, Balance, Mic1/Guitar volume, Mic2 volume, DVD Input volume, Audio/Video Port volume
	Vocal Effect	Auto Harmony (3 types), Transformer (9 types), Vocal Echo (2 types)
	Guitar Effect	Effect (5 types), Chorus (10 levels), Reverb (10 levels)
	Pedal	Without KSC-48:Damper Pedal (half-pedal recognition), With KSC-48: Damper Pedal, Soft Pedal (half-pedal recognition, function assignable), Sostenuto Pedal (function assignable)
	D Beam	Pitch, Filter, Volume, Snare Roll, Applause, Wind Chime
	Power Supply	AC 115 V, AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz)
	Power Consumption	140W
Size and Weight	Dimension	1,368(W) x 476(D) x 340.4(H) mm/53-7/8 (W) x 18-3/4 (D) x 13-7/16 (H) inches, 1,368(W) x 446.1(D) x 159.9(H) mm/53-7/8 (W) x 17-9/16 (D) x 6-5/16 (H) inches (without Music Rest)
	Dimension(with KSC-48)	1368 (W) x 476 (D) x 967 (H) mm/53-7/8 (W) x 18-3/4 (D) x 38-1/8 (H) inches, 1368 (W) x 446.1 (D) x 787 (H) mm/53-7/8 (W) x 17-9/16 (D) x 31 (H) inches (without Music Rest)
	Weight	33.0 kg / 72 lbs 13 oz
	Weight (with KSC-48)	62.9 kg / 138 lbs 11 oz
	Accessories: RK-300	Quick Start, Owner's Manual, Roland 60 Classical Piano Masterpieces, CD-ROM (Roland Music Files Best Selection), Power cord, Headphone Hook, Music Rest, 2 screws for the Music Rest, Remote Controller, Dry-cell Batteries, Anti-theft Lock Damper Pedal: DP-10 x 1 (available Half-damper), Console Cover, Drum Key-Map Label USB Flash Memory, CD Stand (with 2 screws, Spacer), USB CD Drive:CD-01A
	Accessories: KSC-48	Piano Pedal (available Half-damper)
	Options	Dedicated Stand:KSC-48, Stand: KS-G8, Expression Pedals: EV-7, EV-5

* In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

System requirements for USB (MIDI)

■**Windows** Operating System: Microsoft Windows® XP Home Edition Service Pack 2 or later/ XP Professional Edition Service Pack 2 or later ●**Computer:** Windows-compatible personal computer equipped with a USB port ●**CPU/Clock:** Pentium processor 400 MHz or higher ●**Memory (RAM):** 256 MB or more

■**Macintosh** Operating System: Mac OS X v10.2 or later
●**Computer:** USB ready Apple® Macintosh® ●**CPU/Clock:** PowerPC G3 233 MHz or higher ●**Memory (RAM):** 256 MB or more* Mac OS X: The digital piano will not operate in the Mac OS X Classic environment.

Options

●Camera Stand
BST-RK500

The digital still camera shown in the photo is sold separately.

●Expression Pedal
EV-7

●USB Flash Memory
M-UF1G

●Expression Pedal
EV-5

●Dedicated Stand
KSC-48

●Stand
KS-G8

VIMA® RK-100

Diverse functions in a compact form.
No need to worry about space when you want to enjoy music and movies.

*Photograph shows the VIMA mounted on an optional stand (KS-RK100).

• Weighing in at 9.2 kg (20 lbs 5 oz), the RK-100's lightweight body is easy to move.
• The large, easy-to-read display navigation and buttons are intuitively arranged on the control panel for ease of use.
• Keyboard LCD shows song titles and karaoke song lyrics in large, readable characters.

Ensuring high quality while protecting the environment: Roland is ISO9001 and ISO14001 certified

At Roland, several group companies have obtained ISO9001 certification. In addition, in January 1999, Roland also received ISO14001 international environmental management system certification. We're actively seeking ways to maintain harmony with the environment.

(ISO=International Standardization Organization: an organization for the promotion of standardization of international units and terms. They provide different categories of certification: ISO9001 Series certification is a product quality certification for products that undergo a certain level of quality control from the design stage to the after service stage; ISO14001 Series certification is for environment-related standards. Each member of the Roland Group is striving to obtain certification.)

ISO9001   ISO14001

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