

Roland Synthesizers/Keyboards & Groove Gear Catalog 2008



At the forefront of synthesizer innovation and musical expression

SH-1000
Breaking ground as the first Japan-made synth, this 1973 model marked the beginning of the Roland pedigree.

D-50
The digital-synth era was established with this 1987 model. Besides providing fresh and innovative sound, editing was made more intuitive.

XP-80
Released in 1996, it set a new standard for workstation synths by integrating a high-performance sequencer with an expandable sound source.

Fantom-G6/G7/G8
A new "live workstation" concept that embodies a workstation, featuring innovations for smooth music-production workflow, and an amazing instrument for stage performance.

JUPITER-8
Launched in 1981, this landmark polyphonic synth remains a true classic. Its majestic, colossal sound still finds favor with pro musicians.

JD-800
The launch of this digital synth in 1991 brought fully controllable sound shaping, but with an analog feel.

V-Synth GT
Unprecedented sound potential is again demonstrated by combining elastic audio synthesis with the world's first Articulative Phrase (AP) synthesis.

Ever evolving, expanding, and reinventing itself, the synthesizer is an instrument with no borders. For many musicians, it is the ultimate dream machine — something that offers fresh challenges, and is open to the future. Historically, Roland has been at the forefront of synthesizer evolution, ceaselessly innovating, and refining its sound-making technology. Since developing the SH-1000, the first synthesizer produced in Japan, Roland has created a long and beloved series of cutting-edge instruments. Now, along with the V-Synth GT, the latest in a long line of "pure" synthesizers, comes the Roland Fantom-G workstation family, an amazing new series of instruments that opens uncharted dimensions of expression and creativity.

Synthesizers and Keyboards

					
V-Synth GT P3-P6	Fantom-G6/G7/G8 P7-P12	RD-700GX/300GX P15-P16	JUNO-STAGE P19-P20	JUNO-D P21	
					
JUNO-G P22	GW-8 P23-P24	SH-201 P29-P30	VP-550 P31-P32	VK-88/VK-8/VK-8M P33-P34	FP-7 P34

Modules

				
V-Synth XT P6	SonicCell P25-P26	Fantom-XR P27	ARX series P13-P14	SRX series P28

Amplifiers

					
MOBILE CUBE P35	CUBE Street P36	CM-30 P37	KC-550/KC-350/KC-150/KC-60/KCW-1 P37	SA-300/SA-1000 P38	DS-8/DS-7/DS-5 P38

Groove Gear

			
SP-404 P39	SP-555 P40	MC-808 P41	MV-8800 P42

Options

						
KEYBOARD STANDS	CASES	FOOT PEDALS	HEADPHONES	MICROPHONES	USB MEMORY	etc.

Specifications

P47-P54

[61 keys]



A New World of Power and Expression Sounds That Have Never Been Heard Before

So powerful, so unique — Roland's V-Synth GT is unlike any synthesizer that has come before it. This is not only the birth of a new synthesizer, it's the arrival of a bold new form of sonic expression unknown to musicians until now. Elastic Audio Synthesis has already captivated artists the world over. Now the V-Synth GT's multi-core engine supercharges your expressive power, and enables sounds to go even deeper. The power of AP-Synthesis and other innovative synthesizer technologies will give you the tools to break through into new realms of creativity. Delve in and explore unknown dimensions with the V-Synth GT!

Roland's V-Synth GT Represents a Significant Stride Forward

Through a fusion of Elastic Audio Synthesis, VariPhrase, COSM®, and other pioneering technologies, Roland's award-winning V-Synth brought new potential to the synthesizer. All over the world, on stage and in studios, top artists have been empowered to create dramatically new sounds. Today, with the V-Synth GT, Roland has infused the phenomenal Elastic Audio Synthesis engine with even more advanced technologies, enabling musicians to stretch beyond previous limitations in sound design and expression. With the V-Synth GT, Roland once again delivers a synthesizer that takes musicians to new, unexplored dimensions.

Two V-Synths in One, and Beyond! Multi-Core Processing For Powerhouse Performance

The sound engine of the V-Synth GT has been completely revamped with powerful multi-core technology for amazing depth and creativity. Imagine having the creative power of two combined V-Synth units, with multilayered VariPhrase and COSM® processing along with Vocal Designer® and other features! In addition to its raw synthesis power, the V-Synth GT also features dual multi-effects processors, independently optimized control of both upper and lower tones. Freely shape your effects for an even greater diversity of sounds and textures.

World's First! Behavior Modeling of Musical-Instrument Articulation — Revolutionary AP-Synthesis Technology

AP (Articulative Phrase) Synthesis is a revolutionary technology that, for the first time, enables a synthesizer to have the kind of organic nuance and expression of an acoustic musical instrument. Based on modeling of the responsive changes that occur when musicians play actual instruments, Roland's AP-Synthesis is a great advance over simple PCM sound sources and physical modeling. With integrated behavior modeling and synthesizer processing, the V-Synth GT lets you freely manipulate various waveforms from acoustic instruments to synth sounds. This technology has fundamentally revolutionized the synthesizer.



V-Synth GT

Elastic Audio Synthesis

AP-SYNTHESIS VariPhrase COSM V-LINK D BEAM USB AUDIO M USB MEMORY for Microsoft® Windows Vista™ Windows® XP for Mac OS X



AP-Synthesis Models the "Performance" of Acoustic Solo Instruments

AP-Synthesis is a groundbreaking technology that models the behavior of four instruments (sax, flute, erhu, and violin), recreating the expressive response characteristics of actual playing techniques. Directly from the keyboard, the V-Synth GT lets you effortlessly produce authentic trills, glissandos, vibrato, crescendos, and other expressive nuances. The essence of AP-Synthesis is its ability to be used with the synthesizer sound source, such as an "analog lead synth" that provides the expressiveness of violin playing. AP-Synthesis brings organic, emotional expression to synthesis. Moreover, in the V-Synth GT, these sounds undergo processing in the COSM® section as well as VariPhrase layering and other effects. Going beyond the mere reproduction of the sounds found in existing instruments, a whole new world of sound creation has been opened.

*AP-Synthesis can be used with either upper or lower tones.

Elastic Audio Synthesis: Amazing Expression and Creative Control

Roland has integrated its leading technologies in the V-Synth GT. One of the key components is VariPhrase, which let you control the elements of sound in flexible, creative ways. As well as providing analog-like control over the PCM oscillator, it controls SUPER SAW, feedback, and other high-quality analog modeling oscillators that generate 16 very different types of waveforms. The configuration also comprises a COSM® processor that drives a powerful modulator, side-band filter, resonator, and effect types for a total of 16.

Through the mic and line input jacks, external waveforms can also be processed by the V-Synth GT's engine. All this functionality is accessible via a section structure that allows instant selection, layering, and editing.



■ VariPhrase & COSM



■ Control structure enables direct selection of diverse synthesizing processes.

Vocal Designer Built-In

Roland's acclaimed Vocal Designer® has also been included as one of the core components of the V-Synth GT. With the press of a key, live vocals from a mic can be altered as they are input. Imagine a single voice transforming into a large-scale choir, for example, or a backing chorus for a pop tune. You can also use an audio phrase or other sampled waveform as a carrier for a vocoder sound. Whatever the application, Vocal Designer provides unrestricted control and modeling of the human voice.

But that's only where the creative possibilities begin. It's now possible to combine Vocal Designer with VariPhrase functions, analog modeling, and AP-Synthesis. Create complex multi-core sounds that can be manipulated organically in ways unlike anything ever heard from a synthesizer.

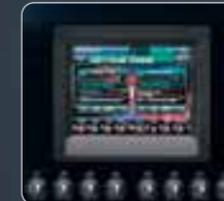
*Vocal Designer can be used with either upper or lower tones.



■ Screen of Vocal Designer

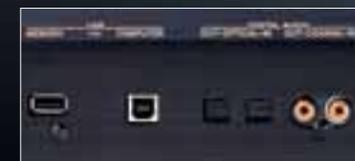
High-Quality Color Touch-Panel LCD User Interface Further Refined

The V-Synth GT's high-resolution TFT—LCD color touch panel uses vivid graphics to display large amounts of information in a friendly format. The display offers a wide viewing angle, and provides greatly enhanced readability compared to its predecessors. Since the display is touch sensitive, editing is as simple as pointing to and touching the onscreen menu items and icons. In addition, there are eight control knobs below the LCD touch panel with companion onscreen monitoring. In addition, jog dials and cursor control buttons are logically integrated, and the D-Beam and other real-time controllers are grouped in the same area. Tasks are quick and easy since the controls are concentrated in one area, which improves speed and convenience during real-time performances.



■ Color touch panel and logically positioned knobs offer fast, friendly control.

■ Rear Panel



Sound Shaper II Facilitates Speedy Creation of Original Sounds

Serious sound designers will love the complexity and editing depth of the V-Synth GT, but there are many instances where musicians need fresh sounds fast — and that's the beauty of Sound Shaper II. Based on the original Sound Shaper, this enhanced mode lets you choose a patch, and it brings the most relevant parameters directly to the surface. By simply turning knobs or using the onscreen touch buttons, Sound Shaper lets you create pro-quality sounds in seconds!



■ Screen of Sound Shaper II



■ Dedicated buttons also provided.

Equipped for USB Memory and Audio/MIDI Interfacing. File Transfer Upgraded to High-Speed USB 2

Compared to its predecessor, the V-Synth GT offers greatly enhanced USB functions. For starters, USB 2.0 is now supported, which allows significantly faster transmission speed. In addition, two USB ports are now provided: one port for USB-memory devices (which can be plugged in directly for data storage and retrieval) and another port that enables audio/MIDI streaming and file transfer for direct connection to computer-based DAW applications.

V-LINK Support for Images and Sound



The V-Synth GT fully supports Roland's pioneering V-LINK protocol, which allows real-time manipulation of music and images. Using the V-Synth GT's expressive controllers, you can connect compatible Roland/EDIROL video devices and add a new level of visual expression and excitement to your performances.



V-Synth XT

Elastic Audio Synthesis VariPhrase COSM USB AUDIO SPD-DAW Interfacing
 for Microsoft® Windows Vista™/ Windows® XP/2000/Me for Mac OS X/Mac OS

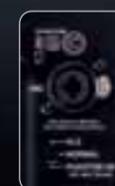


Along with V-Synth Power to Create Sound, You Get the Ability to Switch between Complete Emulation of the Legendary D-50 and Vocal Modeling!

- More than the amazing sound creation of the V-Synth, you get three types of synth in a single unit.
- Killer patches do justice to the skills of world-class pros.
- Sound shaper capabilities let you create sound simply and easily.



■ Use live switching between the three synth modules.



■ Plug your mic into the front panel.



■ Has multi-style and body tilt mechanism.
 *When tilt is used in a rack, the space immediately above must be unoccupied.

■ Rear Panel





A dream for live performance, the Fantom-G lets you explore new dimensions of sounds and performance, from the core sound source to the sequencer, keyboard, user interface, and beyond. The entire workstation represents new technology from the ground up. It's the first electronic instrument that is compatible with the revolutionary ARX-series expansion boards. When you plug in an ARX board, it gives you access to a truly new world of expressive musical power provided by SuperNATURAL™ technology. You get the creative potential of organic audio expression along with a radically streamlined workflow. The same single instrument that enables you to complete huge production projects is there for you on stage. The Fantom-G is truly the world's first "Live Workstation."

**The World's First Live Workstation:
 New Sound, New Control, New Feel, New Look.**

Fantom G6/G7/G8



COSM V-LINK



USB AUDIO



Editor Software Included



for Microsoft® Windows Vista®

Windows® XP



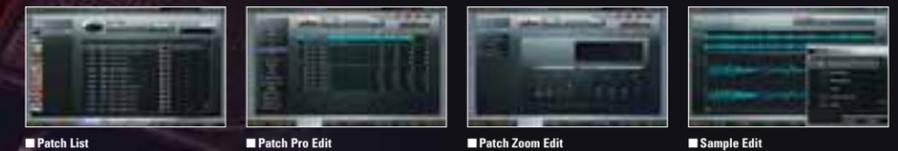
for Mac OS X

Total Creative Power Embodied in a Stage Synth Perform Live with Unprecedented Expression and Emotion



Newly Developed Large-Capacity Sound Source System Generously Loaded with High-Quality Sound Samples

The Fantom-G Series has been redesigned from the ground up, starting with a core sound engine that provides twice the wave capacity of the previous model. The new sound-set is a marvel, with particular focus on a set of breathtaking grand pianos. Synth sounds have also been improved, as have drums, bass, strings, and other essential sounds for production and arranging — including the amazing new woodwinds. On stage or in studio, these dramatic, expressive sounds provide a higher level of quality than previous available. And for do-it-yourself sound designers, the Fantom-G offers newly refined sampling functions that outperform dedicated sampling devices.



Apply Multi-Effects to Single Sounds Apply up to 22 Powerful Effects at the Same Time

No matter what mode you're in, Fantom-G always offers access to a PFX (patch multi-effects) channel for each sound (patch); there are 76 types PFX effects onboard. In STUDIO mode, you get the flexibility of two channels of assignable MFX, as well as chorus, newly designed reverb, and mastering effects to enhance the overall quality of the finished music. Including the inputs for external effects, there are a total of 22 effects that can be simultaneously applied. All the onboard effects, benefiting from general improvements to the sound source, are of excellent quality and provide superb expressive power.

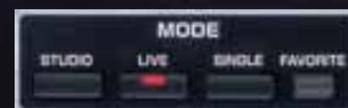


Applicable effects for each mode

LIVE mode	<ul style="list-style-type: none"> ● Live set (8 part) = PFX (for each part) + chorus + reverb ● System = MFX1 + mastering + input FX
STUDIO mode	<ul style="list-style-type: none"> ● Studio set (16 part) = PFX (for each part) + MFX1 + MFX2 + chorus + reverb + mastering + input FX
SINGLE mode	<ul style="list-style-type: none"> ● Keyboard part (1 part) = PFX + chorus + reverb ● Sample pad part / rhythm pad part = PFX + chorus + reverb *Chorus and reverb are applied according to settings for the keyboard part. ● System = MFX1 + mastering + input FX

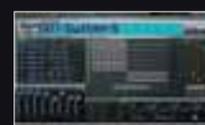
On stage and in studio, Fantom-G offers uncompromised sound and ease of use. A musician's dream come true — the world's first live workstation.

The supreme synth for live performance is also a workstation that has unrivalled capabilities for studio music production. These two applications are fused together in the Fantom-G series, which was designed from the start to provide all the tools creative musicians need. Simply switch between LIVE and STUDIO modes for the appropriate situation. There's even a third mode, SINGLE, which ensures that the synth is always on standby for a perfect sound at a moment's notice. While packing in all the depth and breadth you need for music production in a studio, this single instrument also lets you unleash the same creative potential on a live audience.



Use a mode setting optimized to your playing situation.

LIVE mode	The mode instantly configures the Fantom-G for 8-part layers and splits. It's perfect for convenient and expressive live performance, and provides the ability to switch patches without cutting the previously selected sound.
STUDIO mode	In this mode, which is optimized for song production, you have immediate access to 16-part multibrain instrument setups and up to 22 powerful effect routings.
SINGLE mode	Need a sound fast? This mode provides one-touch access to essential instruments such as piano and organ.



■ LIVE mode

■ STUDIO mode

■ SINGLE mode

More than just additional sounds, ARX is like adding a whole new instrument: ARX Series SuperNATURAL Expansion Boards.

These remarkable new expansion boards represent the technology leap you'd expect from Roland. Rather than simply providing additional patches, ARX boards are complete sound engines. Using advanced SuperNATURAL technology, ARX provides detailed tonal parameters and effects control via graphical editing. Each Fantom-G has two expansion slots. The first ARX cards are ARX-01 Drums and ARX-02 Electric Piano. A series of new SuperNATURAL boards are coming soon.



*ARX-series Expansion Boards sold separately. → P13-14

Greater Expression and Musicality

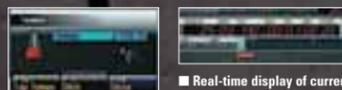
With the Fantom-G, you now have the power to transition seamlessly from sound to sound. The Patch Remain function lets you change patches during a performance without interrupting the release, sustain, and effects from the previous patch. Switching from strings to piano, for example, you can sustain the strings with the damper pedal while activating the piano. Your music will sound smooth and natural because the preceding sounds will not be chopped. Even if you have applied pitch bend, you can continue to develop the sound that's sustained without bending the newly selected sound. You can apply pitch bend just as if you were bending strings on a guitar, for example, while playing a synth pad simultaneously.

Newly Developed Sequencer Provides 24 Audio Tracks and 128 MIDI Tracks.

The Fantom-G's powerful new sequencer seamlessly handles audio and MIDI with 152 available tracks (24 audio tracks and 128 MIDI tracks). The graphical user interface and jumbo color screen makes the creative process smooth and friendly. You can even plug in a USB mouse (sold separately). The hardware interfaces include standard/XLR combo jacks for audio recording, with onboard phantom power for condenser mics. A guitar or bass can be plugged directly in as well.



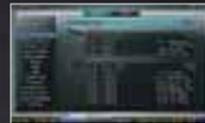
■ Song Editor Screen ■ Audio Track Mixer Screen ■ MIDI Track Output Assign Screen



■ Real-time display of current position in song. ■ Tempo can be finely adjusted to within two decimal points.

Radically Improved Workflow: High-Resolution Oversized Color LCD, plus USB Mouse.

Serious music making often requires an enormous amount of data. Now, using and oversize 8.5-inch wide VGA color TFT panel, the Fantom-G makes the process of managing your data much easier. For the first time on a hardware synth you get a luxurious 800-by-480 pixel display, a great leap forward in resolution, allowing you to zoom in and out to see the information you need on a bright and vivid display. Once you plug in a standard USB two-button wheel mouse for navigation and control, you can edit with surprising ease and speed.



■ System Setup Screen

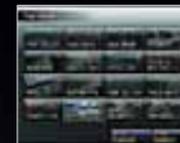
Favorites Function Lets You Instantly Recall Settings.

When you're playing live, you'll appreciate Favorites, which gives you the ability to call up pre-programmed sounds and instantly modify settings for each controller. Each Favorite also includes a master volume setting, which you can pre-adjust to suit your rehearsal or live situation.



Live Onstage or In the Studio, the 16-key Dynamic Pad Adds Functionality and Ease.

A signature Fantom feature, the 16-key dynamic pad is also onboard the Fantom-G. More than just for triggering samples, the pad can also be used to switch between functions or as a ten-key pad, and more.



■ Pad Mode Screen



■ Dynamic pad has various uses.

■ Pad Mode

SAMPLE PAD	Play a sample set	MIDI TX SW	Switch external MIDI transmit channels on/off
RHYTHM	Play a rhythm set	EFFECT SW	Switch effects
CHORD MEMORY	Switch chord form the Chord Memory function	PATCH MFX SW	Switch the patch multi-effect for each part
ARPEGGIO	Switch arpeggio styles	PART SELECT	Select parts and banks
RPS	Play phrases	PART MUTE	Mute parts and banks
RHYTHM PTN	Play rhythm patterns	USER GROUP	Register/recall user group patches, live sets, or studio sets
TRACK MUTE	Mute sequencer tracks	FAVORITE	Register/recall favorite settings
BOOKMARK	Register/recall frequently-used screens		

USB Audio Capabilities, Full DAW Linkage, Data Backup to USB Memory

Use the Fantom-G's USB port to access expansion audio data from USB devices or to interface with an external DAW. You can also plug in a USB two-button wheel mouse for computer-like control of the Fantom's onscreen parameters. With the bundled editing software, which is compliant with VSTi/AU plug-ins, you get full DAW sound editing capabilities. Pair this tool with the unrivalled power and range of the Fantom-G and you'll find yourself at the helm of a formidable music-creation station.



■ You can back up data to USB memory.

"Fantom Experience" Special Site

Please visit the "Fantom Experience" special site featuring famous artists' comments and more.



<http://www.roland.com/synth/Fantom/>

Significantly Increase Fantom-G Recording Time



DM-512FG
512MB Expansion DIMM Memory for Fantom-G

Fantom-G6 61 keys

Newly Developed keyboard



Fantom-G7 76 keys

Newly Developed keyboard



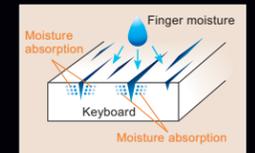
PHIA II IVORY FEEL Fantom-G8 88 keys

PHA II Ivory Feel Keyboard



Completely Redesigned Keyboard for Ultimate Playability.

Developed in consultation with world-class performers, the keyboard in the Fantom-G6 and G7 is a new design with the latest weighted-key technology, which is more sensitive and responsive. With the Fantom-G8, the top-of-the-line PHA II Ivory Feel keyboard provides the luxurious feel of a perfectly executed progressive hammer action with escapement, plus Roland's acclaimed Ivory Feel keys that are made from an absorbent material to prevent your fingers from slipping during performance.



■ Ivory Feel keys are made with a new absorbent material that feels good when playing, even under hot, slippery conditions.

Enhance Performances with the Power of Images V-LINK Lets You Expand Your Creativity Vision

Add visual expression to musical performance with real-time control of images via V-LINK. From D-beam to knobs, sliders, and the dynamic pad, the Fantom-G's controls can be used to manipulate the visuals that accompany your playing. Take the leap into a new world of creativity and use EDIROL video products and other V-LINK-compatible content to give free rein to your imagination.



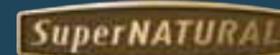
■ V-LINK Setup Screen

Superlative Creative Potential in the Studio A Powerful Workstation, Unrivalled for Music Creation

■ Rear Panel

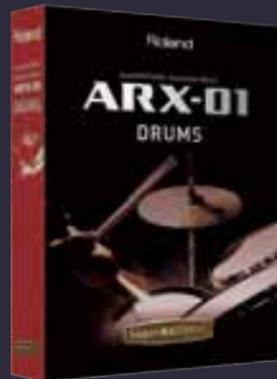


ARX SuperNATURAL™ Expansion Board

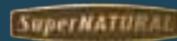


ARX brings you SuperNATURAL technology and amazingly authentic virtual instruments — a new concept with unprecedented expression.

The ARX expansion series is powered by SuperNATURAL, an advanced and original technology created by Roland. The expansion-board format integrates three elements: sound source; effects; and a graphical user interface that makes sound creation fast and friendly. When an ARX board is placed in a slot, it does more than provide more than new sounds, it adds a highly customizable musical instrument to your lineup. Living up to the name SuperNATURAL, these instruments sound incredibly natural and expressive.



ARX-01 DRUMS

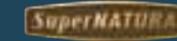


More than just new sounds, you can create dream kits from the ground up. With 24-channel mixing for complete control

- ARX-01 lets you tune each of the elements of the kit, and specify shell depth and cymbal size, and muffling amount. And, just as if you were recording, you can change the mic position. The graphic icons make editing fast and easy.
- Just like being in a recording studio, the built-in 24-channel mixer provides detailed control over volume, panning, EQ, and pro-quality effects, including compression and reverb.
- In addition to a full range of acoustic drum sounds, ARX-01 offers a complete set of percussion sounds. There are even legendary electronic drum sounds onboard derived from the TR-808 and 909, plus other electronic percussion instruments of yesteryear.



ARX-02 ELECTRIC PIANO



Faithfully reproduce the classic electric-piano sound, with additional power to customize the tone in ways that were not possible with the original instruments.

- With the ARX-02 it feels as if you are playing your own legendary vintage piano. SuperNATURAL faithfully reproduces the distinctive characteristics and tonal features of the electric piano, and adds capabilities that were not possible on the original instruments.
- The ARX board comes loaded with preamps from five types of electric pianos, with characteristic changes in tone and distortion based on performance dynamics. Attention has been paid to every detail, down to the effects processor and speakers.

Each element of the kit can be precisely shaped and mixed to pro-studio standards.



Build realistic instruments using the graphical customization screen

Every element of the drum kit can be customized with the graphic-editing screen. It's as if you're actually tuning each drum. For example, if you can change the shell depth, the form of the drum displayed on the screen also changes, as does the sound.



Full preset installation

A complete range of preset drum kits is included. After selecting a kit that matches the type of song you're composing, you can perform detailed edits to the kit, if desired, and transform it into something truly original.



Pro-studio mixing

Get the same pro-studio sound and control as with multi-mic drum recording. The built-in 24-channel mixer capability lets you assign an element to each channel. As well as independently adjusting volume and pan, you can separately apply compression and equalization to each channel. Multi-effects and reverb you apply can also be mixed and manipulated.

Faithfully reproduce electric-piano characteristics with detailed control for creating custom sounds.



Tone

Tone Type

- TINE EP
- REED EP
- SA EP1
- SA EP2
- REED BELL
- TINE EP2
- FM TINE
- REED EP2



Complete customization

Choose your tone type, and designate the tone-bar and pick-up distance, and tone-bar angle.

Effect

MFX

- EQ
- Super Filter
- Chorus
- Phaser
- Flanger
- Delay
- Reverb
- Line Drive
- Compressor
- Wah
- Ring Modulator

Pro-quality classic EP effects onboard, including phaser, chorus, plus other effects optimized for electric piano.

Pre Amp

Model Type

- Thru
- Old Case
- New Case
- Dyno
- Wurlly
- Stage

Also included: Preamps from five vintage electric pianos.

Speaker

Speaker Type

- Line
- Old Case
- New Case
- Wurlly
- Twin

Experiment with virtual speaker settings for tonal creativity.

How deep and rich a performance can be depends on the passion and technique of the player, and the expressive power of the instrument being played. This is where SuperNATURAL comes in. This technology shows how far the evolution of electric instruments has come. Born of a determination to keep reaching for new creative heights, SuperNATURAL provides unsurpassed dimensions of expressive power.



SuperNATURAL instruments enable rich, authentic, and natural expression.

Any type of instrument, be it a piano or a violin, can produce an incredible variety of tonal characteristics. Even vintage electric instruments change through the years and are affected by how they are maintained, tuned, and played. The Roland challenge was to enable the same kind of rich expression found in acoustic and electronic instruments. We wanted to provide the basis for creating the vivid and distinctive characteristics of sound that inspire musical creativity. This is what drove the SuperNATURAL initiative — advancing electronic music to a higher evolutionary state. SuperNATURAL technology adds newfound depths to musical expression and opens the door to a new dimension in sound.

Whatever the genre, SuperNATURAL optimization.

SuperNATURAL is much more than simple sounds, effects, and operations. Whatever the type of instrument — stringed, keyboard, woodwind, or even ethnic or electric — SuperNATURAL lets you create a distinctive sonic imprint for each. SuperNATURAL allows you sculpt and refine sounds using a variety of organic and creative tonal parameters and effects. Roland is bringing SuperNATURAL to a new generation of instruments, such as the Fantom-G and RD-700GX. The first boards to hit the market are ARX-01 Drums and ARX-02 Electric Piano boards, with a wide variety of new releases forthcoming.



The Supreme Piano for Stage Performance

[88 keys] PHA II Ivory Feel Keyboard with Escapement



[88 keys] PHA alpha II Keyboard

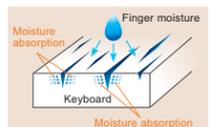


Perfect Piano

The RD-700GX is anchored by Roland's finest 88-key stereo multisampled piano engine including a brand-new super expressive piano sound, with every note captured using a generous amount of wave capacity. In addition to the super-expressive onboard piano sound-sets, other essential instruments are built into these new pianos, including EPs. You can even customize and save your sounds for instant recall.

Perfect Touch

Your fingers will love the RD-700GX's top-of-the-line PHA II "Ivory Feel" keyboard with Escapement. This amazing keyboard technology reproduces the real surface feel of ivory acoustic piano keys providing a familiar stability and comfort to the pianist. The keys are designed to absorb moisture, ensuring a secure, slip-proof feel, even in the hottest stage environments where sweaty hands can spell disaster.



■ Ivory Feel keys are made with a new absorbent material that feels good when playing, even under hot, slippery conditions.



■ PHA II "Ivory Feel" keyboard with Escapement.

SuperNATURAL EP

Another distinguishing feature of the RD-700GX is its electric-piano sound bank derived from Roland's unique SuperNATURAL technology. Enjoy realism, expression, and control like never before with this special selection of EPs that provide amazingly authentic and organic tonal response.



▶ About "SuperNATURAL" → P13-P14

Custom Shop

For those who like to get inside an instrument and customize its sounds, the RD-700GX's Piano Designer feature is your key to unlocking and personalizing the sound-set, down to the smallest details such as Hammer Noise, Damper Resonance, Duplex Scale, and more. In the RD-700GX, sounds can be further customized with the 8 channels of powerful onboard multi-effects.

Sound Expansion, Master Control

Expand and personalize the internal sound-set by adding up to two optional Roland SRX expansion boards, then take your music to the stage. The RD-700GX makes great master controller, thanks to multi-zone functionality and three MIDI outputs.



▶ About "SRX series" → P28

USB Audio Enhancement

Play audio through the RD-700GX directly from a USB memory key. Flexible file compatibility enables playback of Standard MIDI Files, WAV, AIFF and MP3s. The "Audio Key" feature lets you use the bottom 15 keys for controlling start song, song length, etc. In addition, you can connect directly to a PC via USB and tap into Cakewalk SONAR LE software, included in every RD-700GX package.



■ RD-700GX Rear Panel



■ RD-300GX Rear Panel



RD-700GX / RD-300GX

Digital Piano

Digital Piano



For Microsoft® Windows Vista™ / Windows XP

for Mac OS X



True to their heritage, the new JUNO-series synths are user-friendly, lightweight, and great sounding. But that's where the comparisons to yesteryear end, as these modern marvels impress with cutting-edge features.



JUNO-STAGE

Designed from the ground up for live performers, JUNO-STAGE sets a new performance standard at a friendly price.



▶ About "JUNO-STAGE" → P19-20

JUNO-D Limited Edition

Lightweight yet high quality, the JUNO-D LE is loaded with powerful new sounds, including Jon Lord's famous "Deep Purple" organ.



▶ About "JUNO-D" → P21

JUNO-G

For songwriters and performers, the JUNO-G offers a pro-level 16-part MIDI sequencer with four companion stereo audio tracks.



▶ About "JUNO-G" → P22

High-Quality Sound, Touch, and Response

JUNO-series synths inherit qualities from Roland's top-of-the-line workstations, and thus deliver the finest sound quality on the market — with sounds that span from classic to cutting-edge. The sounds come to life under the control of newly developed keyboards, which provide outstanding touch and response.



Lightweight, Strong and Easy To Transport

JUNO synths are designed for portability. They are light and easy to transport, but they are also solidly built. The JUNO-D LE is a mere 5kg, with the JUNO-G weighing in at 6.2kg, and the JUNO-STAGE at just 9.8kg, even with its 76-note keyboard.



Friendly Features, Inviting User Interface

For instruments packed with so many features, the JUNO series offers unprecedented ease of use. Their friendly "hands-on" work surfaces have clearly labeled buttons, dedicated knobs and sliders, and large backlit displays.



JUNO Series

A New Synth Star for the Stage



[76 keys]

Versatile, Expandable Sound Set

Carefully crafted for the stage, JUNO-STAGE's factory patch set covers a wide range of essential sounds, including the flagship 88-key stereo multi-sampled piano. Every JUNO-STAGE can also be expanded and customized via two Roland SRX Wave Expansion Boards (sold separately).

▶ About "SRX series" → P28

Instant Access to Sounds

Onstage, you need quick and effortless access to your patches. JUNO-STAGE is equipped with FAVORITE buttons for instant access to banks of your most-needed sounds. Best of all, you can also recall your patches via a dual footswitch* connected to a dedicated Patch Select jack, so you never have to take your hands off the keyboard.

*Connect an optional FS-6 dual footswitch to scroll up or down through patches and performances.



Live-Performance Control

Roland optimized JUNO-STAGE's controllers for live performance, featuring easy-to-grab knobs for instant Master EQ and Reverb control. Located above the pitch bender, two assignable switches can be used for rotary organ effects, portamento on/off, and more.



Backing Tracks Via USB

JUNO-STAGE is equipped with a USB port and Song Player function that enables direct playback and control of backing tracks from a USB key. You can play MP3, WAV, AIFF, and SMF files, and even use the Center Cancel feature to minimize pre-recorded vocals of audio data for karaoke-style performance. Creating and editing audio Playlists is simple with the supplied Playlist Editor software for PC; the playlist can be viewed on JUNO-STAGE's display.



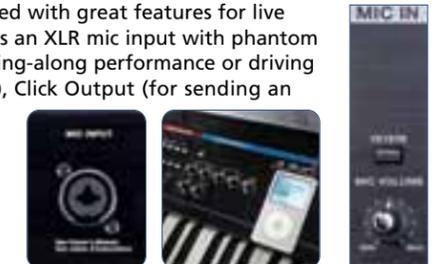
Instant Master MIDI Control

The fast and friendly MIDI Controller mode, complete with dedicated buttons, transforms JUNO-STAGE into a MIDI master keyboard. In this mode, JUNO-STAGE allows program and control changes to be sent with a single touch. For computer-based track making, Cakewalk's SONAR LE software for PC is bundled.



Stage-Friendly Bonus Features

JUNO-STAGE is packed with great features for live performance, such as an XLR mic input with phantom power (ideal vocal sing-along performance or driving the built-in vocoder), Click Output (for sending an audible click track to bandmates onstage), and an external input for a portable audio player.



JUNO-STAGE

128 Voice Expandable Synthesizer with Song Player



JUNO Evolution... Brand New Sounds!

[61 keys]



Reborn with New Sounds

The JUNO-D Limited Edition is outfitted with 706 exciting patches (includes 66 new). They include a stunningly realistic 88-note piano with individual stereo multi-samples for every key of a world-class grand, sounds sampled from the organ of Jon Lord, the keyboardist of the world-renowned hard rock band Deep Purple, and vintage synth sounds, including '80s-era brass, electric piano, and synth.



Streamlined Operation

Forget about MIDI and focus on playing with the JUNO-D. It's loaded with patch category oriented direct-access buttons for selecting among the hundreds of patches. Enjoy the latest sounds, that can be layered and split. Those who want to program their own JUNO-D sounds via computer, a Mac/PC editor is included.



Composition Tools

The JUNO-D is loaded with convenient, performance-oriented features including a powerful phrase/arpeggio generator and Multi Chord memory function, which lets you play a chord by touching a single key. You can assign all 12 notes in an octave to play different chords, and then save them as a set. There are several chord sets already stored in the JUNO-D at the factory. A Rhythm Guide metronome with real drum sounds is also built in, which includes preset patterns with several variations.



Performance Power

Performers will appreciate the feel of the improved 61-note, velocity-sensitive keyboard, which is a step up from previous synths in this price range. Bend, twist, and manipulate your sounds in real time with the D Beam controller, pitch/modulation lever, and five front-panel control knobs. For additional control, plug in pedal- and/or footswitches such as Roland's DP-2, DP-8 Damper pedal, EV-5 Expression pedal, or BOSS's FS-5U.



* Actual D Beam is invisible; color has been added for illustration purposes only.

■ Rear Panel



Cutting-Edge Features with a Friendly Face

[61 keys]



Great Sounds

Roland's Fantom-X series is a grand-slam hit around the globe. The Fantom's high-quality sound engine is a key factor in its success. The JUNO-G shares the same processor as the Fantom-X, and thus delivers the finest sounds on the market — including newly created sounds for the JUNO-G, and a wide range of sounds that span from classical to cutting-edge. You can further expand your JUNO-G with one of Roland's SRX expansion boards (optional).

Audio/MIDI Recorder Onboard

For songwriters and performers, the 16-part MIDI sequencer onboard the JUNO-G is a must. But the addition of four companion audio tracks is a huge bonus, and an unexpected surprise for an instrument in this price range! Now you can lay down the perfect backing tracks plus vocals, live guitar parts, or you name it. The dedicated front-panel transport controls and mixer make the recording experience all the more friendly.



Inviting Interface

For an instrument packed with so many features, the JUNO-G offers unprecedented ease of use. The aforementioned mixer and transport controls are only part of the JUNO-G's friendly "hands-on" work surface. It has clearly labeled buttons, six knobs to modify sounds, five sliders for the audio section, a data wheel, a D Beam, and a pitch/mod lever. In the center of it all is the largest backlit LCD of any synth in this price range.

Computer Friendly

The beauty of the JUNO-G is that it can be used to by itself create complete songs from start to finish, but for those who want to take it one step further and incorporate a computer into the setup, the JUNO-G can be linked to a PC or Mac via its USB port. All MIDI communications can be handled over USB; you can also send and receive AIFF/WAV files and patch data via included librarian software. Plus you can edit your patches with the editor software that is included. As an extra computer-related bonus, Roland ships every new JUNO-G with a copy of Cakewalk's SONAR LE software for PC.



■ Editor software included

■ Rear Panel



JUNO-D Limited Edition

Synthesizer

D BEAM m2 Editor Software Included

JUNO-G

128 Voice Expandable Synthesizer with AUDIO/MIDI Song Recorder

1 SRX

COSM V-LINK

D BEAM

m2

USB

PC Card Slot

Editor Software Included

for Microsoft® Windows Vista™/ Windows® XP/2000/Me

for Mac OS X/Mac OS

SONAR LE

DIGITAL AUDIO SEQUENCER

[61 keys]



The World in a Workstation

The GW-8 is the next generation of Roland's unique GW-series workstations with intelligent backing-track functionality. With its fresh, contemporary sound-set and expressive musical styles from pop to rock, plus authentic ethnic styles and a multi-format USB Memory Player feature, the GW-8 will bring a world of music to your fingertips. It's especially well suited for "one-man-band" performance.

Flagship Sound Engine with Easy User Interface

With Roland's world-leading sound technology at its core, the GW-8 rivals any workstation on the planet with its rich, expressive sound. The GW-8 comes loaded with hundreds of the freshest and most essential sounds culled from Roland's top sound modules. In addition to its authentic sound set, the GW-8 is equipped with many user-friendly control devices, such as the expressive D BEAM and the Analog Modify knob, which instantly adjusts sounds to suit your taste. The GW-8 is perfect for live entertainers who play multiple roles in their performances.



USB Memory Player Feature

One of Roland's most popular new features is built into the GW-8: the Multi-format Song Player that allows song data to be played directly from USB Flash memory (accepts MP3, WAV, AIFF, and SMF format). In addition, the GW-8's Center Cancel function can minimize main vocals from pre-recorded songs, great for karaoke-style performances or music practice.



Style Converter & Playlist Editor

Bundled with each GW-8 is Roland's Style Converter software for PC, which lets you convert your own MIDI data into GW-8 backing styles via commercially available USB Flash memory devices. Also included is the Playlist Editor for customizing the order of songs. Users can easily create a dedicated Playlist for each gig.

Intelligent Backing Styles

The GW-8 is packed with a huge collection of styles, representing a broad range of music genres, from contemporary rock, pop, dance, jazz and beyond. In addition to the excellent library of contemporary sounds and styles, the GW-8 is equipped with ethnic instrument sounds and authentic regional musical styles.* Each backing style has four intros, four main patterns, and four ending progressions for you to craft your own arrangements live.

*Style selection may vary from country to country. For details, please inquire your local Roland distributor.

GW-8

Workstation

COSM V-LINK D BEAM MIDI2 USB USB MEMORY for Microsoft® Windows Vista®/ Windows® XP

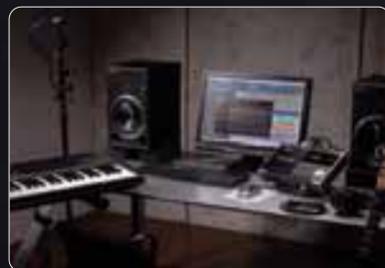
■ Rear Panel





Synthesis and beyond — a new core system for computer-based production and live performance.

With its stunning new collection of waveforms, SonicCell™ is a synth-module marvel, yet it soars beyond the definition of a synthesizer by integrating a high-performance USB audio/MIDI interface. In addition to its ample onboard sound library, SonicCell accepts Roland's SRX expansion boards, while also letting you stream audio and MIDI data from USB memory. Equally equipped for studio or stage, SonicCell takes versatility and performance to a new level.



Superior New Waveforms from Acoustic Sources

SonicCell™ is powered by a Fantom X-class synth engine with 128-voices. In addition to its high-quality built-in sounds, extra emphasis has been placed on frequently used acoustic sounds for a new level of authenticity and expressiveness. With the dedicated power that only a hardware synthesizer can provide, SonicCell takes the load off the computer and puts the power into your hands.

Expand and Customize with SRX Expansion Boards

In addition to its full complement of incredible onboard sounds, you can easily enlarge your palette by adding Roland's famous SRX-series expansion boards. The extensive SRX library provides instant access to a world of high-quality sounds, from cutting-edge to classical. Two slots are provided to enable use of SRX boards — the same boards that have become perennial favorites among professionals around the world.



▶ About "SRX series" → P28

USB Integration for Computer-based Production

SonicCell is an ideal choice if you work in a computer-based production environment. As well as providing an outstanding sound engine, SonicCell can function as a USB 2.0* audio interface with 24-bit/96 kHz I/O. Other convenient features include combo XLR and TRS connector, phantom power for condenser mics, Hi-Z input for guitar and bass, and line input.

*Compatible with High-Speed Mode Only

■ Setup Example



■ Rear Panel



Creative New Streaming Playback Functions for Live Performance

SonicCell is equipped with a built-in port for USB memory. As well as streaming playback of MP3, WAV, and AIFF transferred from a computer to USB memory, SonicCell can play stored SMF data. Without fuss or complications, you can play backing tracks for live performance by simply plugging in a USB memory stick. Using the supplied playlist editor, you can easily program the playback sequence.

Software Included for Computer-music Production

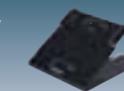
Bundled with Cakewalk SONAR LE, SonicCell lets you dive into serious music composition from day one, while the supplied plug-in editor (compatible with both Windows VSTi and Mac OS AudioUnits) allows SonicCell's 16 parts to be displayed with total recall on a computer display. Naturally, the sound production and processing muscle is provided by SonicCell, which removes the processor strain on your computer.



■ Plug-in editor and SONAR LE screens

Allows SonicCell module to be mounted and angled on a desktop, or stand-mounted in conjunction with a PDS-10 tripod stand.

BKT-S
 Desktop Stand for SonicCell



Designed to be used with SonicCell™
 *By purchasing the optional BKT-S Bracket Kit, you can mount the SonicCell on the PDS-10.

PDS-10
 Pad Stand



SonicCell

128-Voice Expandable Synth Module with Audio Interface



SonicCell Special Website

Don't forget to visit to the SonicCell Special Website



<http://www.roland.com/SonicCell/>

Absolute Power to Fuel Your Creativity



128-Voice Sound Engine

Like the Fantom-X keyboards, the Fantom-XR module is based on Roland's powerful sound generator chip. This chip delivers maximum audio processing performance at a great price — including an expressive stereo 4-tone synthesis engine with 128-voice polyphony. The internal wave ROM includes quality-focused waveforms — like Roland's amazing 88-key split piano (a multi-stage velocity-switched stereo sampled piano), lively new string ensembles, fat drum sounds and more — recorded using world-class studios and renowned engineers like Dan Blessinger (Martinsound). The internal wave ROM can be expanded up to 512 MB using six optional SRX-Series expansions. No other module boasts this kind of sound library!



■ Up to six SRX series expansion boards can be installed

Studio-Quality Effects and Mastering Tools

The Fantom-XR boasts the same powerful effects processing found in the Fantom-X keyboards — including three multi-effects processors that can be freely configured, plus separate reverb and chorus processors. The multi-effects are extremely powerful with algorithms ranging from COSMR Guitar Amp Modeling and Lo-Fi processing to tempo-synced delay, Slicer, Isolator and more. A dedicated Mastering processor serves up tools like multi-band compression to give your music a tighter, punchier sound.



The Simplicity of USB

The onboard USB port can be used as a USB-MIDI interface — perfect for sequencing the Fantom-XR from a computer. USB also makes for a great way to transfer audio files to and from the module — just connect a cable, then drag and drop away. The Fantom-XR can import and export .WAV and AIFF files, making it compatible with a wide variety of sounds available on CD-ROM and via the Internet. Give your music a serious sonic upgrade with the Fantom-XR.



■ Rear Panel

Fantom XR

SAMPLE TOOLS EXPANSION



Wave Expansion Board

SRX series

Expand and Personalize the Sound of Your Synthesizer with SRX!

Which of these 12 SRX expansion boards will complete your digital studio? From stunning grand pianos and orchestral string sections to vintage synths, world instruments, drum kits, and electronic textures and loops, SRX has something for every genre!

SRX-01

Dynamic Drum Kits

The SRX-01 Dynamic Drum Kits was developed in cooperation with Spectrasonics® and is loaded with the finest acoustic drum sounds ever assembled. Painstakingly sampled and edited in world-class studios, these vintage and modern kits can be layered and played in stereo with the most delicate of nuances.



SRX-02

Concert Piano

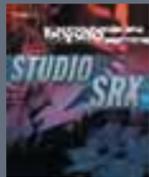
The SRX-02 Concert Piano board dedicates its entire wave memory to one purpose — reproducing an exquisite stereo-sampled piano. When combined with a Fantom-X8 or RD-700sx's precision Hammer Action keyboard, the SRX-02 provides a heavenly piano playing experience.



SRX-03

Studio SRX

For musicians in search of the latest pop music sounds, Roland introduces the SRX-03 "Studio SRX." This wave expansion board includes everything from expressive pianos, bass and synth sounds to unbelievable nylon string guitars, drums and more — all recorded in world-class studios to preserve their natural ambience.



SRX-04

Symphonique Strings

The SRX-04 "Symphonique Strings" gives film composers, songwriters, and musicians direct access to the world's finest stereo-sampled string and orchestral sounds without the load time of a CD-ROM. Designed to be extremely realistic, these ultra-expressive sounds offer multiple performance articulations and 4-way velocity-switching capability.



SRX-05

Supreme Dance

The SRX-05 Supreme Dance is Roland's finest collection of dance music sounds ever offered on an expansion board. This massive library includes 818 waveforms, 312 Patches, and 34 Rhythm Sets which can be played from any SRX-compatible Roland instrument.



SRX-06

Complete Orchestra

SRX-06 "Complete Orchestra" contains all the waveforms from Roland's popular SR-JV80-02 "Orchestral," SR-JV80-16 "Orchestral II" and SR-JV80-13 "Vocal" collections. Selected wave-forms from SR-JV80-07 "Super Sound Set" are also included. As such, SRX-06 provides 449 fresh, inspiring sounds for composers, film scoring or any situation where realistic orchestral and vocal sounds are needed.



SRX-07

Ultimate Keys

SRX-07 "Ultimate Keys" contains all the waveforms from Roland's SR-JV80-04 "Vintage Synth," SR-JV80-08 "Keyboards of the '60s & '70s," and SR-JV80-10 "Bass & Drums," plus select waves from SR-JV80-09 "Session" and SR-JV80-03 "Piano." With 475 all-new Patches and 11 Rhythm Sets, SRX-07 covers all the bases including some tasty loops.



SRX-08

Platinum Trax

With SRX-08 "Platinum Trax," DJs and remixers gain some of the most sought-after dance music sounds ever — taken from the SR-JV80-11 "Techno," SR-JV80-12 "HipHop" and SR-JV80-19 "House" collections. As a bonus, a collection of waves from SR-JV80-15 "Special FX" have also been added, making the SRX-08 one of the most complete dance music libraries ever.



SRX-09

World Collection

SRX-09 "World Collection" takes its waveforms from Roland's popular SR-JV80-05 "World," SR-JV80-14 "Asia," and SR-JV80-18 "Latin" collections. There's even a little bit of country thrown in from SR-JV80-17! So whether you're working in Nashville, Miami or Tokyo, you'll have 448 brand-new Patches and 21 unique Rhythm Sets ready to spice up your music.



SRX-10

Big Brass Ensemble

The SRX-10 Big Brass Ensemble includes a world-class collection of brass sounds suited for pop music, film scoring, classical, and more. Created by top studio engineers such as Dan Blessinger (Martinsound), each of the SRX-10's patches captures the true articulations and feel of traditional brass instruments and ensembles — including realistic "falls" — allowing composers to arrange brass parts with startling realism. It's perfect for use with other SRX expansions such as SRX-04 Symphonique Strings. The definitive brass collection.



SRX-11

Complete Piano

Roland delivers its most stunning 88-note multisampled grand piano yet. Each key of a world-class grand was meticulously recorded in high-resolution stereo, with 4-stage velocity switching employed, resulting in 704 samples for this single instrument! The ultra-wide dynamic range of this sampled piano makes it ideal for virtually all musical styles. One piano, no compromise.



SRX-12

Classic EPs

If the current crop of R&B and hip-hop music is any indication, classic electric pianos and Clavs are hotter now than ever — and let's not forget the many other genres that rely on these essential vintage instruments. Introducing the SRX-12: the finest sound library of coveted EPs and Clavs to bear the Roland logo! It can be installed in any SRX-compatible Roland instrument, but Fantom-X6/X7/X8 owners are in for an extra special treat with this collection.



■ All SRX series expansion boards are compatible with the following:

Model Name	RD-700GX (P15-P16)	JUNO-STAGE (P19-P20)	JUNO-G (P22)	SonicCell (P25-P26)	Fantom-XR (P27)
Available Slot QTY	2 slots	2 slots	1 slot	2 slots	6 slots

[49 keys]



Put the Fun Back in Synthesis!

Great Analog-Style Sound

Even though it's super fun and easy to use, the SH-201 is no toy when it comes to sound. With two beefy analog-modeling oscillators onboard, complete with Roland's famous Supersaw waveform and resonant filter, this little synth can blow down doors. It also comes with high-quality delay and reverb effects for adding depth and dimension to the sound, a saturation control for adding a rip-saw edge, and an arpeggiator for instant rhythmic motion.



Ultra-Easy Operation

This is synthesis at its friendliest. The SH-201's front panel puts every control directly under your fingertips in a logically positioned signal path from left to right. No hidden menus, no nonsense. Just play and move the knobs and sliders. It's as simple as that! Students of synthesis will love the ease and immediate gratification of the SH-201. No other modern synth on the market is as fun, friendly, and inviting.

USB Connectivity

Connect the SH-201 to a computer (Mac or PC) with one simple USB cable. Send and receive MIDI and audio through the USB port. Take advantage of the VSTi editing software that's included with the SH-201 to manipulate sounds from your computer, and to save/organize patches remotely.



■ Dedicated editor that works in conjunction with a computer

External Audio Input

Playing the SH-201 from its keyboard is only half the fun. Try plugging another audio source into its external input (such as CD/MP3-player and samplers) and twist the sound with the front-panel knobs and sliders. Wave your hands over the SH-201's invisible D Beam and drive the audience wild!



SH-201

Synthesizer

D BEAM **USB AUDIO** Editor Software Included for Microsoft® Windows Vista™/Windows® XP/2000 for Mac OS X

■ Rear Panel





Don Lewis



Add a “Vocal Keyboardist” to Your Stage or Studio

VP-550

Vocal & Ensemble Keyboard



Vocal-Modeling Magic

The human voice is the most expressive musical instrument of all, so why not use it as a tool to create ultra-realistic and expressive “virtual vocals” with words generated from your own voice? Whether you need, a full choir, or surreal vocoder-like layers, the VP-550 can deliver the interactive, expressive vocal backing you need. The VP-550 is also equipped with world-class string sounds, which can be blended together with the vocal effects.



Practical Advantage

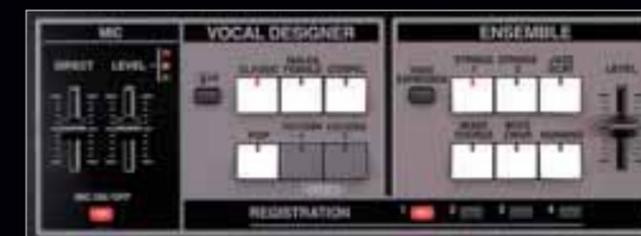
Not specific to one style of music, the VP-550 can be used for a wide variety of musical applications. It's ideal for musicians who perform alone or in small groups, for example, and who need an interactive, real-time backing chorus. Or, film and TV music composers who are challenged with time and budget can use the VP-550 to generate high-impact choral arrangements on the spot. Churches in need of a choir (or choir enhancer) will love the VP-550. The creative possibilities are vast, as are the time/money savings that this instrument can provide.

Blast From the Past

The VP-550 is equipped with ultra high-resolution vocoder modeling, which can be used to generate surreal vocal effects great for electronica, pop, R&B, hip-hop, and the like. Inject a dose of that classic retro “robot voice” charm into your next recording without the hassle and expense of a separate vocoder.

Friendly Face

One look at the VP-550's inviting front panel and you'll know that this instrument has “user friendly” written all over it. There are no hidden menus or complicated key commands required. Every feature has a dedicated button or slider that's clearly labeled and easy to reach. Performers will especially love how inviting and inspiring the VP-550 is to use onstage.



■ Rear Panel



Taking the Organ to New Heights



Upper [61 keys] Lower [61 keys]
Waterfall Keyboards



[61 keys]
Waterfall Keyboards

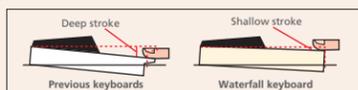
Virtual Tonewheel modeling for the most authentic sound

In a classic tone wheel organ, there are typically 91 tone wheels and gears rotated by a motor. The pickups on each wheel convert the rotation into a sound signal. The organ tone wheel sound is then realized by adding a perfect blend of complex elements, such as the sound of rotation and noises generated when playing. Roland's Virtual Tonewheel sound engine is the result of detailed analysis of this authentic sound mechanism and all of its accompanying actions.



Waterfall keyboard for a truly traditional organ feel

Provides a realistic light touch, and supports playing techniques unique to the organ such as glissandos, repeated notes, and double notes during key release. The ivory colored keys also heighten the vintage experience.



Built-in effects increase your playing enjoyment

Effects begin with the essential vibrato and chorus, and go on to include high quality reverb, a radical sounding ring modulator, and even wheel brake and spring reverb shock simulation.

Enjoy all aspects of the traditional tone wheel organ with a VK-88

The VK-88 is fully equipped with two manuals. Adding the optional PK-25 25-key pedal keyboard gives you a broader playing range with three manuals. The separately sold KS-88 stand and BNC-88 bench are designed to match the VK-88. You can reach organ playing perfection in true style.



■ VK-88 shown with music rest (included), optional KS-88 organ stand, PK-25A pedalboard, and BNC-88 organ bench.

■ VK-88 Rear Panel



■ VK-8 Rear Panel



VK-88/VK-8 Version 2

Combo Organ



For more details, visit <http://www.roland.com/products/en/>



VK-8M Organ Module Add Realistic Organ Tones to Your Sound!

- Tabletop organ module with acclaimed "Virtual ToneWheel" sound
- Easy realtime control via D Beam controller with multi-colored LED



PDS-10 Stand BKT-8 Bracket Kit (for VK-8M)

- You can mount the VK-8M on the PDS-10 with the BKT-8.

■ Rear Panel



The separately sold options are designed to match the VK-88.



RKS-88 External Speaker Rack Kit (for VK-88)



BNC-88 Organ Bench (for VK-88)



PK-25A 25-Key Pedalboard

Digital Piano

The Perfect Balance of Modern Design & Classic Performance



[88 keys]
PHA II Keyboard

Enjoy an authentic piano playing experience, with sound and touch that reacts naturally and dynamically

- Equipped with Roland's finest 88-key multi-sampled piano sound engine; each and every key of a full concert grand has been painstakingly reproduced.
- 128-voice polyphony ensures that your notes will sustain fully and naturally, regardless of how fast or densely you play.
- New PHA II (Progressive Hammer Action II) keyboard that responds naturally from pianissimo to fortissimo; the touch can be adjusted in 100 incremental steps.



The perfect balance of advanced design and classic performance Wide variety of connections to expand your musical options

- Audio Key feature allows audio (.wav) files from USB memory key to be played back with the keyboard.
- A large variety of Session Partner accompaniment patterns (each with two variations) for full-band accompaniment.
- Delivers rich, sparkling sound from internal speaker boxes.
- Cakewalk SONAR LE pro recording and editing software included.



KSC-44-BK Dedicated Stand

■ Rear Panel



FP-7

Digital Piano



VK-88/VK-8/VK-8M/FP-7 Specifications P50



The All-Purpose Portable Amp



5W
(2.5W + 2.5W)

Small Size, Big Sound

At just 280 mm (W) x 108 mm (D) x 177 mm (H) / 11-1/16" (W) x 4-1/4" (D) x 7" (H), no larger than a briefcase, MOBILE CUBE is a traveler's dream. Battery-powered, it can be operated anywhere — just plug in, turn on, and jam. Two high-performance speakers provide stereo sound that defies MOBILE CUBE's physical size.



Built-In Stereo Effects

Equipped with Roland's legendary FX engine, MOBILE CUBE offers high-quality stereo reverb and chorus effects. Sweeten your vocals, add fire to your guitar tone, or immerse your mixes in a rich stereo sound field. Center Cancel is also provided for minimizing vocals in pre-recorded music — great for karaoke and play-along performance.

Control Panel



All Instruments Welcome

Thanks to its variety of inputs, MOBILE CUBE accommodates microphones, keyboards, acoustic guitars, electric guitars, MP3 players, and more; no other instrument amplifier of this size has a stereo input port. Use it as a practice amp at home, while traveling, indoors or out. It's great for parties, karaoke, and vocal lessons. Connect it to a mic stand for use as a monitor speaker or micro PA.



Left Side Panel



Right Side Panel



MOBILE CUBE

Battery Powered Stereo Amplifier



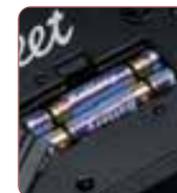
The Ultimate Amp for Traveling Musicians



5W
(2.5W + 2.5W)

Great Sound to Go

Roland CUBE amps are famous for performance that exceeds their physical size, and the CUBE Street is no exception. With two high performance neodymium speakers onboard, this amp sounds incredible, and is capable of high-volume output that defies its physical dimensions. Best of all, it can run for up to 15 hours on just six AA alkaline batteries.



8 Amps Onboard

More than meets the eye, the CUBE Street is actually 8 different amps in one via its built-in COSM amp models. From tube-driven blues classics to modern metal stacks, Roland's COSM technology is world famous for capturing every nuance of the original amps — from the preamp and circuits to the speaker.

Control Panel



Foot Switch Jack



Bonus Features

The CUBE Street is chock-full of extra features to make your gigs easier, including a built-in chromatic tuner and digital effects processor. In addition to the aforementioned COSM amp models, you can choose from six of Roland's famous effects to enrich your sound.

Portable PA

It's a guitar amp and mini PA system in one! With its dual-channel architecture and Microphone input, you can sing and play guitar through one convenient amplifier. There's even a delay and reverb devoted to the Mic/Line channel.

Choose Your Color

Classic black or fire-engine red? Take your pick. Like the best-selling MICRO-CUBE, the CUBE Street comes in a choice of colors so you can express yourself musically and visually.

CUBE Street

Battery Powered Stereo Amplifier

COSM



The CB-CS1 covers the body and it can work and cables can be connected while wrapped.
CB-CS1 Carrying Bag for CUBE Street



CM-30

Cube Monitor

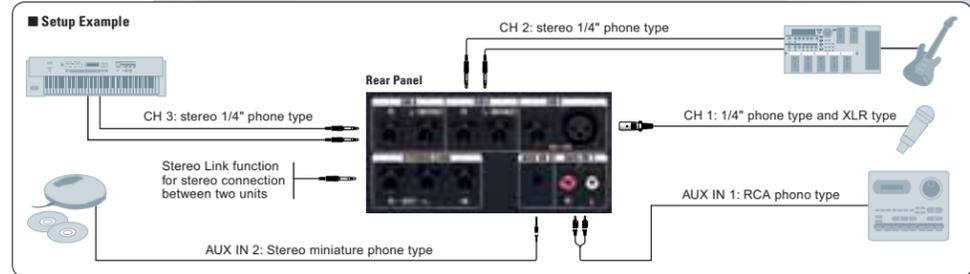


30W

Multi-Purpose Portable Mixing Monitor

Versatile and portable — the new CM-30 CUBE Monitor delivers 30 watts of punch through a rugged, high-quality 6.5" coaxial two-way speaker. The CM-30 is built to handle a wide range of

recording and mixing applications, but it can be used for live monitoring onstage as well. It can be easily and safely toted from location to location thanks to its built-in handle grip, protective metal grill cover, and cabinet corner protectors — features not found on any other monitors in the market.



KC-550/350/150/60 KCW-1

Mixing Keyboard Amplifier

Powered Subwoofer



The Ultimate Compliment to any Live-Performance or Studio Keyboard

KC-550/KC-350

- Keyboard amplifier with powerful speaker and horn tweeter
KC-550: 180-watt/15" / KC-350: 120-watt/12"
- 4 stereo inputs, plus stereo Aux input and XLR Mic input
- Output Select feature and tonal control via Shape switch
- 3-band EQ and Subwoofer output compatible with KCW-1
- Stereo Link feature, plus professional XLR Line output

KCW-1

- 200-watt powered subwoofer adds low end to a range of amps

KC-150

- Compact Keyboard amplifier with 65-watt/12" speaker and piezo tweeter
- 4 mono inputs, plus stereo Aux input and XLR Mic input
- 2-band EQ, plus tonal control via Shape switch
- Mono Line output, Subwoofer output, and Headphones output

KC-60

- Compact Keyboard amplifier with 40-watt/10" speaker and independent tweeter
- 3-channel design includes 1/4" Line input and XLR Mic Input
- Subwoofer output for low end boost

Supreme sound for studio and stage

CM/KC/KCW/SA/DS

Cube Monitor

Mixing Keyboard Amplifier

Powered Subwoofer

Stage Amplifier

Bi-Amp Monitor

SA-300

Stage Amplifier



350W

All-In-One Solution

Lightweight yet feature-packed, the SA-300 is powered by an internal 350W amplifier, which drives a stereo pair of high-performance 6.5-inch speakers; a 200W amp drives the 12-inch woofer unit for booming bottom-end support. A 4-channel mixer is built in, with each channel equipped with a stereo and mic input (channels 3 and 4 are phantom powered). Also included is a Low-Boost switch for extra beef, plus stereo reverb for a rich, ambient sound.

Transport Friendly

For the utmost in traveling convenience, the SA-300 can be detached into two easy-to-carry components (each with handles), rather than one cumbersome, heavy box. At just 19kg (combined weight), the SA-300 is the lightest portable PA in its class. As an option, the top unit can be used independent of the bass unit; it self-adjusts to function as a standalone stereo speaker unit. The top unit can even be mounted on a speaker stand for perfect placement.

Advanced Ant-feedback Function

Vocalists can sing with confidence thanks to the SA-300's anti-feedback function and dedicated vocal effects.



SA-1000

Stage Amplifier



350W

Compact, high power Superior stage amp especially crafted for organs and digital pianos

- Roland's latest speaker and amplification technology; Switching power supplies, Class-D power amplifiers and neodymium magnet speakers are equipped
- The built-in Anti-feedback function automatically cancels unpleasant howling



DS-8/7/5

Bi-Amp Monitor



DS-8 80W(LF)+40W(HF)

DS-7 40W(LF)+20W(HF)

DS-5 30W(LF)+15W(HF)



Plug into Pure Audio Gold

- Bi-amped speaker combo, DS-8: 120-watt power/ DS-7: 60-watt power/DS-5: 45-watt power
- Superb sound quality with precise imaging and balanced energy output (DS-8/5)
- 24-bit digital input with sample-rate support up to 192 kHz
- Analog and digital inputs, including XLR, coaxial, and optical; AES/EBU and S/PDIF compatible
- Improved cabinet with bi-amp circuit; eliminates phase anomalies

Portable Power-Sampler with FX



Two Sampling Modes

The sampling and playback quality of this instrument, affordable as it is, is crystal-clear Compact Disc-grade. You can record audio directly into the SP-404, or import/export industry-standard .WAV and AIFF files via CompactFlash card. Fear not, lo-fi lovers — the SP-404 also provides a Lo-Fi sampling mode, so you can scorch, roast, and crunch your audio if desired.

Realtime Pattern Recording

After the SP-404 is loaded with the audio of your choice, the fun begins by creating custom beats and tracks via onboard pattern sequencer. This easy-to-use sequencer allows up to 8,000 notes to be recorded in real time at a resolution of 96 TPQN. For perfect playback, your pattern data can be quantized to the note value of your choice. Up to 24 patterns, each 1–99 measures long, can be stored in the internal memory simultaneously. On CompactFlash cards, you can save 96 additional patterns with 8,000 notes of recording capacity per card.

29 Onboard Effects

Twist, bend, and animate your audio with the SP-404's expressive effects, and manipulate them in real time using the front-panel control knobs. Shake the walls with Subsonic. Drive the dancefloor wild with the BPM Looper (grab a region on the fly and loop it) and DJFX Looper (change speed and reverse audio to get a turntable scratch-like sound). Also offered: reverb, flanger, delay, Voice Transformer, distortion, filter, Slicer, Isolator, Vinyl Simulator, and more. Best of all, the SP-404's effects can be applied to multiple samples simultaneously or live input signals. You can also select the multi-effects directly by pressing the MFX button and the corresponding pad at the same time.

Onboard Microphone & I/O

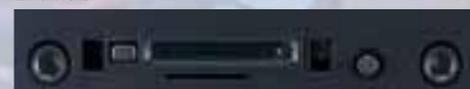
An external microphone can be plugged into the SP-404's mic input and used to capture audio, but those who want to sample fast and spontaneously will love the built-in microphone. Just arm, point, and record! If you want to sample pre-recorded sounds, simply connect your CD player or sound source to the SP-404's line input jacks (L, R) and sample away. For playback, the SP-404 offers line outputs (L, R) as well as a headphone output for privacy. A MIDI input connector is provided for controlling the SP-404 externally.

SP-404

Sampler



Front Panel



Rear Panel



Realtime Audio Toolkit for DJs, Producers, & Sample-Based Musicians



Quick, EZ, Versatile Sampling

You can capture sounds instantly onstage using the SP-555's Line or Mic Inputs, or through USB audio streaming - perfect for DJs or live performers who want to grab sounds and drop them in the mix on the fly. The SP-555 supports up to 2 GB CompactFlash for over 12 hours of recording with no-load playback!

Live Loop Capture

This innovative new feature lets you quickly grab a piece of incoming audio or a loop of your live performance and instantly play it back in perfect time with your other tracks. The loops can also be captured through the effects in real time and assigned to a pad for later use. You can even perform sound-on-sound layering with your loops.

Killer Performance FX

From silky gloss to complete audio annihilation, the SP-555 provides 37 types of powerful DSP effects to alter your sounds. Included in the lineup are Voice Transformer, Delay, Isolator, and the unique Super Filter and DJFX Looper. The Effect Memory allows for instant recall of your favorite settings using the pads with no glitching while switching effects.

Visual Magic

Amaze your audience with the SP-555's D BEAM and V-LINK features. Wave your hands over the invisible D BEAM to tweak the SP-555's filter, to trigger samples, or to play synth solos. Connect V-LINK compatible video equipment and sync the music to the visuals. The beam in the photo has been colored to show the path of the D BEAM; the actual beam is invisible.

Computer Companion

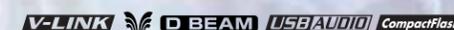
The SP-555 can be used by itself or with a PC. It can be used as an audio interface for the bundled Cakewalk SONAR LE software or any other DAW or DJ application on your computer! With the bundled Wave Converter software, WAV and AIFF files can be imported and assigned to a CF card for use in the SP-555 (CF reader needed).

Rear Panel



SP-555

Creative Sampler with Performance Effects



New-Generation Groovebox with Motorized Faders



Flagship Features

The MC-808 shares two key attributes with its elder sibling, the flagship MC-909: The same top-of-the-line sampling and sequencing features that made the MC-909 so famous are built into the MC-808, making it a serious tool for sampling, editing, track building, and mixing. Performers are in for an extra treat with the MC-808, however, as it has a remarkable feature that no other groovebox has....

New Sounds & Patterns

MC-808's internal sounds and patterns have been created fresh by artists around the world. Make no mistake — these slammin' new dance and hip-hop grooves are instantly ready for primetime. A few "must have" sounds from the MC-909 are also included. But playing and manipulating the internal patterns is only half the fun. The MC-808 allows you to sample any sounds you like, edit them, and add them to your productions. You can even import WAV and AIFF files from your computer into the MC-808 via USB.



Motorized Faders

Motorized faders on an affordable groovebox?! You're not dreaming. The MC-808 is the world's first groovebox with this feature! Sure, the motorized faders look cool, but they also provide serious power for live performers. No matter what pattern you call up, the faders will snap to the proper position. As a result, the parameter values and position of the faders always correspond, allowing you to see the values instantly and make changes directly. No more unexpected jumps in values when you grab a fader in mid-performance. It's always in the right position. Plus, from the fader movements you can see automations such as filter, pan, and part levels changes. If you want to cancel and control the faders manually, simply move the touch-sensitive faders.



Editing Software

Live performance with the MC-808, and fine edits on your computer. The MC-808 ships with an editor software (Mac OS X, Win XP/2000) that lets you perform serious sample editing tasks on the luxury of your large computer monitor. Use the patch editor to tweak sounds and work on the part editor for part mixing to finish up your patterns.



A New Integrated-Studio Standard



Synthesis, Sampling, Recording, Mixing, Mastering

The MV-8800 is a fully equipped sampler and synthesizer with parameters that can be edited and automated with the assignable sliders and/or with a VGA monitor and mouse (VGA monitor optional; mouse included). It's also an advanced multitrack recorder equipped with an automated 24-channel stereo mixer and mega effects processor. Mastering tools are provided as well, including a parametric mastering EQ, enhancer, expander, multiband compressor, mastering limiter, and soft-clip algorithm with output dithering.



Amazing Pitch & Time Control

Load hundreds of loops, hits, or vocal phrases at once, all with realtime BPM matching. Just tap the tempo and all the samples lock to your new tempo! You can match the pitches of melodic phrases just as easily. Create loop-based tracks on the fly, all locked together in perfect pitch and time sync.



Vintage & Modern Effects

An incredible lineup of modern and vintage effects is built into the MV-8800, including models of classic Roland SRV reverbs, SDD-320 Chorus, SBF-325 Flanger, Boss BF-2 and HF-2 pedals, and the legendary RE-201 Space Echo. The MV-8800's multi-effects processor includes an Analog Modeling Bass that turns the MFX engine into a virtual SH-style bass synthesizer. All MFX knob tweaks can be automated as you mix.



Sound Library Onboard

Create your own sounds or load up to 128 instruments or drum kits at once from the MV-formatted sound library that's preinstalled on the hard drive. Newly created drum kits are provided, including a special collection of 16 vintage drum machines such as the legendary Roland TR-808 and TR-909. Acoustic and electric pianos, strings, guitars, horns, synth basses, and other essential instruments are also included.



RZA

"After about five minutes, I was hooked on the MV... you can access your sounds and editing features at the snap of a button-and the sound of this machine is crazy."

RZA, the Wu Tang Clan

MC-808

sampling groovebox

COSM D BEAM V-LINK USB CompactFlash Editor Software Included

for Microsoft® Windows Vista™ Windows® XP/2000/Me

for Mac OS X/Mac OS

MV-8800

Production Studio

COSM V-LINK USB

for Microsoft® Windows Vista™ Windows® XP/2000/Me

for Mac OS

V-LINK

Audio and video together at last!

Built into many types of musical instruments, V-LINK is the vital connection between imaging and audio equipment. V-LINK shifts you from a world of sound-only performance to a new universe in which you can play still images and video spontaneously with music. Use V-LINK to enter a new realm of creative expression.



A great audio/visual-performance package.



SP-555



P-10

- You can control streams of still images and video from the P-10 Visual Sampler by simply tapping the SP-555 pads.
- It's also possible to simultaneously produce images along with the songs and patterns triggered by the SP-555.
- Using control knobs 1 to 3 on the SP-555 in real time, you can freely control the speed of image playback and color changes to match the tempo of the music. In addition, with D Beam, you can instantaneously reverse or restore the playing order of visual data.

Sync image data to live performance with the V-Synth GT.



V-Synth GT



CG-8

- Using the powerful controls of the V-Synth GT, such as the Time Trip Pad and D Beam, you can instantly change the color, form, size, and generation speed of the images created by the CG-8.
- The CG-8 sensitively responds to the subtlest playing information generated by the pitch bender, keyboard, and other V-Synth GT controls. With the superb response of real-time rendering, CG-8 images will add exciting new depths of expression to your performance. Naturally, you can also switch images according to the patch palettes you select.

An expanding lineup of V-LINK-compatible products.



V-LINK PRODUCT

Visual keypad enables selection of video and still-image output.



P-10
Visual Sampler

This model provides switchable playback of high-quality digital video.



PR-50
Realtime Video Presenter

Enables both convenient, direct linear editing and switchable playback of high-quality digital video.



PR-80
Realtime Video Presenter

Providing the intuitive controls of a specially designed console, the motion dive .tokyo performance package is a popular application for interactive video performance.



motion dive .tokyo performance package
Performance Pack for the Visual Art Scene

Lets you create video performance in real time by creating 3D video from still images.



CG-8
Visual Synthesizer

This 4-in, 3-out video mixer has become an indispensable piece of equipment for the VJ scene.



V-4
4-Channel Video Mixer

Directly accepts up to eight input channels from computer or video gear. Also comes loaded with innovative visual effects.



V-8
8-Channel Video Mixer

This multi-format mixer is able to deal with HD, SD, and RGB signals. It also lets you save and recall mix settings.



V-440HD Ver.20
Multi Format Video Mix/Live Switcher

*Depending on the capabilities of the product, different control functions are provided by each V-LINK-compatible product.

Essential Online Resources, Specs, Details, and Downloads

Interested in learning more about the latest, greatest Roland gear? Visit these special websites for exciting details and demos of each product. And for owners, each site also offers downloadable software updates and a variety of other important info.

▶▶▶ <http://www.roland.com/products/en/>

▼ V-Synth Special Site



<http://www.V-Synth.com/>
Explore the sounds, power, and unique features of the V-Synth GT, the flagship of Roland's legendary V-Synth family.

▼ Fantom-6 Special Site



<http://www.roland.com/synth/Fantom/Experience>
Experience the Fantom-G — complete with virtual tours, seminars, downloads, and demos of this groundbreaking live workstation.

▼ JUNO series Special Site



<http://www.roland.com/synth/JUNO/>
Log on to learn why JUNO-STAGE is the perfect new performance partner for gigging keyboardists.

▼ SH-201 Special Site



<http://www.roland.com/SH-201/>
Celebrity-artist demos and patches, a downloadable Guide Book, an interactive product tour, and more!

▼ GW-8 Special Site



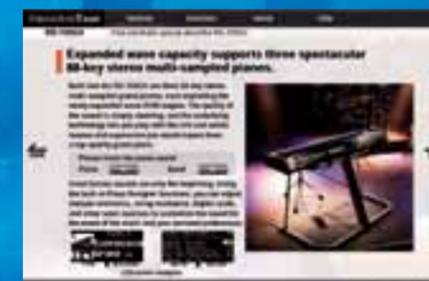
<http://www.roland.com/synth/GW/>
See how the GW-8 brings a world of music to your fingertips. It's the new favorite for "one-man-band" performance.

▼ SonicCell Special Site



<http://www.roland.com/SonicCell/>
An in-depth look at SonicCell's multifaceted features by acclaimed composer Mitsuru Sakaue.

▼ Interactive Tour



<http://media.roland.com/en/IT/>
Get an up-close look at many of Roland's top instruments, effects, amps, and more through these online interactive tours.

▼ Demo Movies



<http://media.roland.com/en/p/RVL/index.xml>
See Roland's award-winning instruments in action, featuring the world's finest demo team.

▼ Support



<http://www.roland.com/support/en/>
Visit this essential product-resource site for downloadable owner's manuals, system updates, patches, and more.

KEYBOARD STANDS

The Solid and Stylish Stand for 88-key Keyboards



KS-G8 Keyboard Stand
 ●The solid, stylish KS-G8 stand is designed for 88-key keyboards such as Roland's Fantom-G8, RD-700GX, and RD-300GX ●The KS-G8 is height adjustable in three steps for sitting or standing positions, and is available in an attractive two-tone silver and black finish
 ●Height (adjustable in 3 levels) 645 mm, 730 mm, 815 mm (25-7/16", 28-3/4", 32-1/8")
 ●Dimensions 1,210 (W) x 710 (D) mm (47-11/16" x 28")
 ●Folded Size 1,210 (W) x 730 (D) x 125 (H) mm (47-11/16" x 28-3/4" x 4-15/16")
 ●Load Capacity 70 kg (3 oz)
 ●Weight 8.4 kg (1 oz)



KS-STG8 Keyboard Stand
 ●For adding a second keyboard to the KS-G8 keyboard stand, the KS-STG8 is a perfect solution ●It's designed to solidly support Roland's V-Synth GT and 76-key keyboards such as Fantom-G7 and smaller



KS-18Z Keyboard Stand
 ●Multi-purpose keyboard stand with 90 kg (198 lb.) weight capacity; fits any size keyboard ●Folds into a compact size for easy transport
 ●Height (adjustable in 6 levels) 607 mm, 672 mm, 737 mm, 802 mm, 867 mm, 932 mm (23-15/16", 26-1/2", 29-1/16", 31-5/8", 34-3/16", 36-3/4")
 ●Width 615 mm to 938 mm (24-1/4" to 36-15/16")
 ●Weight 7.7 kg (17 lbs.)

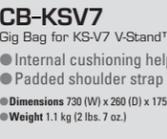
Form & Function Innovation



KS-V7 Keyboard Stand **V-Stand™**
 ●Revolutionary new keyboard stand with extra foot clearance ●Compact, collapsible design
 ●Sturdy aircraft-aluminum construction; can hold 88-note keyboards
 ●Dimensions 483 - 711 (W) x 622 - 1,054 (H) mm (19 - 28" x 24.5 - 41.5") ●Base Diameter Diameter 927 (W) x 608 (D) mm (36.5" x 24") ●Folded Size 711 (W) x 241 (D) x 152 (H) mm (28" x 9.5" x 6") ●Load Capacity 113.4 kg (250 lbs.) ●Weight 8.95 kg (19.75 lbs.)
 *V-Stand™ is a trademark of Ultimate Support Systems, Inc.



KS-STV7 Secondary Tier for V-Stand™
 ●Heavy-duty, high-quality construction ●34 kg (75 lb.) weight capacity ●Ultra-easy set up with V-Stand
 ●Weight capacity 34kg; 75 lbs. ●Recommended setting range (Distance between arms) 570 mm; 22-1/2" (When the KS-V7 height is set to level 2) to 820 mm; 32-5/16" (When the KS-V7 height is set to level 12) ●Weight 2.1 kg (4 lbs. 11 oz.)



CB-KSV7 Gig Bag for KS-V7 V-Stand™
 ●Internal cushioning helps protect stand from damage
 ●Padded shoulder strap and luggage/ID tag included
 ●Dimensions 730 (W) x 260 (D) x 175 (H) mm (28-3/4" x 10-1/4" x 6-15/16")
 ●Weight 1.1 kg (2 lbs. 7 oz.)

CARRYING CASES

Carrying bag dedicated to the CUBE Street



CB-CS1 Carrying Bag for CUBE Street
 ●The CB-CS1 covers the body and it can work and cables can be connected while wrapped ●The cover cloth material is strong against the outdoor use

The Gig Bag with Casters for Roland's 76-key Keyboards



CB-76C Keyboard Gig Bag with Casters
 ●The stylish new Roland-logo gig bag offers a rugged and convenient solution for carrying 76-key keyboards such as the Roland Fantom-G7

The Gig Bag with Casters for Roland's 61-key Keyboards



CB-61C Keyboard Gig Bag with Casters
 ●The stylish new Roland-logo gig bag offers a rugged and convenient solution for carrying 61-key keyboards such as the Roland Fantom-G6 and V-Synth GT.

Carrying bag for 49-Key keyboards



CB-49VP Gig Bag for 49-Key keyboards
 ●Outer pocket is provided for small items
 ●Cushioning material is used internally for protecting the unit from damage
 ●Dimensions 500 (W) x 380 (D) x 190 (H) mm (35-7/16" x 15" x 7-1/2") ●Weight 1.1 kg (2 lbs. 7 oz.)

The MC-808 and adaptor can be packed into the bag



CB-MC808 Gig Bag for MC-808
 ●The MC-808 and adaptor can be packed into the bag ●Internal cushioning material protects the unit from damage
 ●Dimensions 540 (W) x 375 (D) x 180 (H) mm (21-5/16" x 14-13/16" x 7-1/8") ●Weight 1.1 kg (2 lbs. 7 oz.)

The CB-SP1 gig bag is designed for the new SP-555



CB-SP1 Gig Bag for SP-555, SP-404, or SonicCell
 ●The CB-SP1 gig bag is designed for the new SP-555 ●Supplemental cushions are included to fit the SP-404 and SonicCell

FOOT PEDALS



DP-2 Damper Pedals



DP-10 Damper Pedal



FS-6 Dual Footswitch



FS-5U Footswitch



FS-5L Footswitch



EV-7 Expression Pedal



EV-5 Expression Pedal



FV-50L Volume Pedal



FV-500L Industrial-Strength Power Pedal

MICROPHONES



DR-80C Condenser Microphone



DR-50 Dynamic Microphone



DR-30 Dynamic Microphone

MIC STAND



ST-100MB Microphone Stand

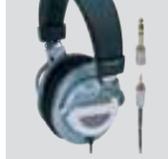
HEADPHONES

Roland's top-of-the-line headphones for the ultimate in sound quality, appearance, and performance.



RH-300 Stereo Headphones
 ●Optimized headphones with flat, accurate sound quality for the latest electronic digital musical instruments ●45mm driver with neodymium magnet offers full dynamic range and stable output, even on large input surges ●Able to reproduce fast attack transients, such as those from Fantom-X high-resolution piano, V-Drums, etc.

A new open-air-type headphone for musicians who don't want total isolation from surrounding sounds



RH-A30 Open-Air Headphones
 ●The RH-A30s are particularly well suited for musicians who require high-quality headphone monitoring while retaining the ability to hear other instruments and monitors onstage during a live performance ●For maximum comfort during extended sessions, the RH-A30's ear pads have been newly designed

High-Performance, High-Impact Headphones



RH-D30/RH-D20 Monitor Headphones
 ●Roland-customized headphones, particularly well suited for onstage performance ●180-degree rotating earpieces for single-ear monitoring ●Superior comfort for extended wearing

Comfortable and Accurate Headphones



RH-200/RH-200S Stereo Headphones
 ●Adjustable, lightweight design provides superior sound isolation and comfort ●180-degree rotating ear pieces for single-ear monitoring

Flagship In-Ear Headphones



RH-iE3 In-Ear Headphones
 ●Fine tuned for Roland digital musical instruments ●Aluminum housing for durability, light weight, and portability ●Advanced drivers deliver deeper bass, extended treble, and higher fidelity, yet remain small enough to fit comfortably inside your ear

Headphone Comparison List

	RH-300	RH-A30	RH-D30	RH-D20	RH-200/200S	RH-iE3
Type of Construction	Closed; Dynamic	Open-Air; Dynamic	Closed; Dynamic	Closed; Dynamic	Close type; dynamic	Closed; Dynamic
Driver	ø45 mm	ø45 mm	ø45 mm	ø40 mm	ø40 mm	ø11.5 mm
Sensitivity	101 dB/mW	95.5 dB/mW	104 dB/mW	102 dB/mW	100 dB/mW	100 dB/mW
Max. Input	1,600 mW	250 mW (JEITA)				
Impedance	40 Ω	40 Ω	42 Ω	38 Ω	65 Ω	18 Ω
Frequency Response	10-25,000 Hz	10-25,000 Hz	7-32,000 Hz	10-30,000 Hz	20-20,000 Hz	10-24,000 Hz
Weight	250 g (9 oz.) excl. cord and plug	250 g (9 oz.) excl. cord and plug	295 g (11 oz.) excl. cord and plug	280 g (10 oz.) excl. cord and plug	200 g (9 oz.) excl. cord and plug	8 g (1 oz.) excl. cord and plug
Cord	3.4 m (11')/straight cord (OFC Itz wire)	3.4 m (11')/straight cord (OFC Itz wire)	3 m (10')/Curly cord (OFC)	3 m (10')/Curly cord (OFC)	RH-200: 3 m (10') Curly cord RH-200S: 3.4 m (11') Straight cord (OFC Itz wire)	1.2 m (4') (OFC Itz wire)
Plug	Stereo mini (gold-plated)/Plug adaptor (Mini plug; 1/4" phone plug)	Stereo mini (gold-plated)/Plug adaptor (Mini plug; 1/4" phone plug)	Stereo mini (gold-plated)/Plug adaptor (Mini plug; 1/4" phone plug)	Stereo mini (gold-plated)/Plug adaptor (Mini plug; 1/4" phone plug)	Stereo mini (gold-plated)/Plug adaptor (Mini plug; 1/4" phone plug)	Stereo mini (gold-plated)
Accessories	Carrying pouch	Carrying pouch	Carrying pouch	Carrying pouch	—	Extension cord: 1.8m (6') 1/4" phone type to 1/4" phone type (gold-plated plug and jack), Plug adaptor: Miniature phone type to 1/4" phone type (gold-plated plug and jack), Ear pieces (S, M, L), Carrying case

FOR VK-88



RKS-88 External Speaker Rack Kit (for VK-88)



BNC-88 Organ Bench (for VK-88)



PK-25 25-Key Pedalboard

●Pedalboard 25 keys ●Control Expression Pedal, Foot Switch-L/R, Damper (Hold) Switch, Power Switch ●PowerSupply DC 9 V: AC Adaptor, or Supplied from VK series via dedicated cable ●Dimensions 1,068 (W) x 887 (D) x 278 (H) mm (42-1/16" x 34-15/16" x 10-7/8") ●Weight 29.1 kg (64 lbs. 3 oz.) ●Accessories AC Adaptor, PK connector's cable

MIDI PEDAL KEYBOARDS



PK-7 20-Key Pedalboard



PK-5A Dynamic MIDI Pedal

PAD STAND



PDS-10 Pad Stand

BRACKET



BKT-S Desktop Stand for SonicCell

USB MEMORY



M-UF1G USB Flash Memory

CABLES

For High Quality Digital Audio or Stable MIDI Data Transfer

MIDI Cable	Audio Cable
MSC-15 (1.5m / 59-1/16")	PJ-1M (L-type 1/4" ↔ RCA Phono 1/4"; 2.5m / 98-7/16")
MSC-25 (2.5m / 98-7/16")	
MSC-50 (5.0m / 196-7/8")	
USB Cable	
CUSB-M1 (1.5m / 59-1/16")	CUSB-M2 (2.5m / 98-7/16")

V-Synth GT



for Microsoft® Windows Vista™ / Windows XP | for Mac OS X | P3-P6

Keyboard	61 keys (with velocity and channel aftertouch)
Sound Generator Section	Sound Generator Configuration: Dual-core (2 Tones per Patch: Upper and Lower), Sections per Tone=Oscillator (envelope x 4 + LFO x 1) x 2, Modulator x 1, COSM (envelope x 2 + LFO x 1) x 2, TVA (envelope x 1 + LFO x 1) x 1, Multi Step Modulator x 1, Tone-FX x 1, AP-Synthesis (Articulating Phrase Synthesis) x 1 (*). Vocal Designer x 1 (*): *Usable on either upper or lower (not both) OSC1/OSC2 (Oscillator 1, 2): Analog Modeling=14 waveforms (SAW, SQUARE, TRIANGLE, SINE, RAMP, JUNO, HQ-SAW, HQ-SQUARE, NOISE, LA-SAW, LASQUARE, SUPER-SAW, FEEDBACK-OSC, XMOD-OSC), PCM/VariPhrase (Preset waveforms + Sampling waveforms), External Input MOD (Modulator): 4 types (RING, FM, ENV-RING, OSC-SYNC) COSM: 16 types (OD/DS, W-SHAPE, AMP, SPEAKER, RESONATOR, SBF1, SBF2, COMB, DUAL, TVF, DYN-TV, COMP, LIMITER, F-SHIFT, LO-FI, TB-FILTER) Multi Step Modulator: Provided independently for the Upper Tone and Lower Tone Tracks per Tone=4, Maximum Number of Steps=16, Tempo=20 to 250 BPM AP Synthesis: Source Waveforms=38 types, Phrase Models=Violin, Erhu, Sax, Flute, Multifade Vocal Designer: Carrier=Oscillator x 2, Modulator x 1, COSM x 2, TVA x 1, Multi Step Modulator x 1, Vocoder=4 types (Stereo, Mono, Vintage, Enhance), Formant=7 types (Maximum) Zones: Upper Tone=16, Lower Tone=16 Arpeggiator: Patterns=User programmable (supports use of control change messages), Motifs=8 types, Tempo=20 to 250 BPM MIDI Parts: 1 Maximum Polyphony: 28 voices (varies according to the sound generator load) Internal Memory: Projects=1, Patches=512, Tones=896, Wave Memory (RAM)=64 MB Internal Storage: Internal Flash Memory=49.5 MB External Storage Device: USB Flash Memory Effects: Tone-FX=41 types, Chorus=8 types, Reverb=13 types, 4-band system EQ, Input Effects (Mic/Sampling) Sampling Frequency: Internal=44.1 kHz, DIGITAL IN/OUT=96, 48, 44.1 kHz
Connectors	Headphone Jack (Stereo 1/4" phone type), Main Output Jacks (L/MONO, R) (1/4" TRS phone type), Direct Output Jacks (L, R) (1/4" phone type), Input Jacks (L, R) (1/4" phone type), Mic Jack (1/4" phone type/XLR type, phantom power), Hold Pedal Jack, Control Pedal Jacks (1, 2), MIDI Connectors (IN, OUT, THRU), USB Connectors: COMPUTER (supports USB 2.0 file transfer, USB 1.1 USB MIDI, and USB Audio) MEMORY (supports USB 2.0 Flash Memory), Digital Audio Interface (24-bit, IEC60958): COAXIAL (IN, OUT), OPTICAL (IN, OUT), AC Inlet
Size and Weight	Size: 1,066 (W) x 411 (D) x 125 (H) mm (42" x 16-3/16" x 4-15/16") Weight: 13.8 kg (30 lbs. 7 oz.)
Other	Display: 320 x 240 dots backlit TFT full color touch screen Signal Processing: Internal Processing <Sound Generating Section>=32 bits (floating point), <Effects Section>=32 bits (fixed point), DA Conversion=24 bits, AD Conversion=24 bits Nominal Output Level: MAIN OUT=+4 dBu, DIRECT OUT=+4 dBu Nominal Input Level: INPUT (L, R)=-10/-20 dBu, MIC IN=-50 to -10 dBu Controllers: Pitch Bend/Modulation Lever, Time Trip Pad, D Beam Controller (Twin Beam), Assignable Control Knobs (C1, C2), Assignable Switches (S1, S2), V-LINK Button Power Supply: AC 115 V, AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz) Power Consumption: 30 W Accessories: Owner's Manual, Quick Start, Driver Install Guide, CD-ROM (USB Driver), Power Cord

V-Synth XT



for Microsoft® Windows Vista™ / Windows XP®/OS X/Mac OS | for Mac OS X/Mac OS | P6

Sound Generator Section	Sound Generator Configuration: Oscillator (envelope x 4 + LFO x 1) x 2, Modulator x 1, COSM (envelope x 2 + LFO x 1) x 2, TVA (envelope x 1 + LFO x 1) x 1 Methods by which Oscillators produce sound: PCM/VariPhrase (Preset waveforms + Sampling waveforms), Analog Modeling (14 OSC types: SAW, SQUARE, TRIANGLE, SINE, RAMP, JUNO, HQ-SAW, HQ-SQUARE, NOISE, LA-SAW, LA-SQUARE, SUPER-SAW, FEEDBACK-OSC, X-MOD-OSC), External Input Modulator: 4 types (RING, FM, ENV-RING, OSC-SYNC) + MIX COSM: 16 types (OD/DS, W-SHAPE, AMP, SPEAKER, RESONATOR, SBF1, SBF2, COMB, DUAL, TVF, DYN-TV, COMP, LIMITER, F-SHIFT, LO-FI, TB-FILTER) Multi Step Modulator: Tracks=4, Maximum Steps=16, Tempo=20 to 250 BPM Zones (Splits): 16 Arpeggiator: Patterns=User programmable (support use of control change messages), Motifs=8 types, Tempo=20 to 250 BPM Parts: 16 (normally), 12 (when using a rhythm kit) Maximum Polyphony: 24 voices (Varies depending on the load placed on the sound generator.) Internal Memory: Project=1, Patches=512, waves=999, Wave memory (RAM)=50 MB (When the unit ships from the factory, 32 MB of this is taken up by the preset waves.) Sample storage memory (FLASH): 10 MB External Storage Device: PC CARD slot (Microdrive, SmartMedia or CompactFlash can be used with PC card adapter.) Effects: MFX (Multi-effects)=41 sets, Chorus=8 sets, Reverb=10 sets, System EQ=4 bands Sampling Frequency: Internal=44.1 kHz, Digital Audio IN/OUT=96, 48, 44.1 kHz Internal V-Card applications (system expansion): VC-1 D-50 LA Synthesizer, VC-2 Vocal Designer (Switchable from the standard system while the power remains on.)
Connectors	Headphones Jack, Main Output Jacks (L/MONO, R) (1/4" TRS phone type), Direct Output Jacks (L, R) (1/4" phone type), Input Jacks (L/MONO, R) (1/4" phone type), Mic Jack (1/4" phone type/XLR type, Hi-Z, phantom power), MIDI Connectors (IN, OUT, THRU), USB Connector (supports USB MIDI, file transfer, and USB Audio), Digital Audio Interface (24-bit, IEC60958), COAXIAL (IN, OUT), OPTICAL (IN, OUT), AC Inlet
Size and Weight	Size: (When placed on top of a table) 482 (W) x 179 (D) x 165 (H) mm (19" x 7-1/16" x 6-1/2"), (When mounted in a rack) 482 (W) x 172 (D) x 177 (H) mm (19" x 6-13/16" x 7") Weight: 4.4 kg (9 lbs. 12 oz.)
Other	Display: Graphic 320 x 240 dots backlit Color LCD with touch screen Internal Signal Processing: <Sound generating section>=32 bits (floating point), <Effects section>=24 bits (fixed point), DA Conversion=24 bits, AD Conversion=24 bits Nominal Output Level: MAIN OUT=+4 dBu, DIRECT OUT=+4 dBu Nominal Input Level: Input (Rear Panel)=-10/-20 dBu, Mic (Front Panel, XLR type)=-50 to -10dBu, Mic (Front Panel, 1/4" TRS phone type)=-36 to +4 dBu Controllers: Assignable MIDI Control Knobs (E1 to E8) Power Supply: AC 115 V, AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz) Power Consumption: 16 W Accessories: V-Synth XT Owner's Manual, V-Card Owner's Manual, Sound List, CD-ROM (USB Driver, Librarian), Rotation Lock Hardware, PC CARD Protector, Power Cord

Fantom-G Series



for Microsoft® Windows Vista™ / Windows XP | for Mac OS X | P7-P12

	Fantom-G6	Fantom-G7	Fantom-G8
Keyboard	61 keys (with velocity and channel aftertouch)	76 keys (with velocity and channel aftertouch)	88 keys (PHA II Ivory Feel Keyboard with velocity and channel aftertouch)
Sound Generator Section	Maximum Polyphony: 128 voices, shared with the sampling section Parts: 16 parts (Internal) + 16 parts (External) + 2 parts (ARX) + 24 parts (Audio Track) Wave Memory: 256 MB (16-bit linear equivalent) Waveforms: 2,230 Preset Memory: Patches=1,664 + 256 (GM2), Rhythm Sets= 64 + 9 (GM2), Live Sets= 512, Studio Sets= 128 User Memory (per one project): Patches=512, Rhythm Sets=64, Live Sets=512, Studio Sets=128 Effects: Patch Multi-effects (PFX)= max. 16 units (76 types), Multi-effects (MFX)= max. 2 units (78 types), Chorus=1 unit (3 types), Reverb=1 unit (10 types), Input effects=1 unit (6 types), Mastering effects=1 unit (3-band compressor)		
Sampling Section	Data Format: 16-bit linear, WAV or AIFF Sampling Frequency: 44.1kHz Maximum Sampling Time: approx. 360 sec, mono/180 sec, stereo (when sampling memory isn't expanded/32 MB), approx. 108 min, mono/54 min, stereo (fully expanded with DIMM/544 MB) Number of Samples: 2,000 (per one project)		
Sequencer Section	Tracks: MIDI tracks (Internal/External/ARX)= max. 128, Audio tracks= max. 24, Tempo track=1, Beat track=1 Resolution: 480 TPQN Tempo: 5.00 to 300.00 Songs: 50 (per one project) Phrases: 2,000 (per one project) Notes Capacity: approx. 1,000,000 notes (per one project) Song Length: 9,998 measures		
Connectors	Mic/Guitar Input Jacks (1/4" phone type/XLR type) (Phantom power) (Hi-Z), Headphones Jack (Stereo 1/4" phone type), A (MIX) Output Jacks (L/MONO, R) (1/4" TRS phone type), B Output Jacks (L, R) (1/4" phone type), Input Jacks (L/MONO/MIC, R) (1/4" phone type), Pedal Jacks (Hold Pedal Jack (Half Pedal recognition)), MIDI Connectors (IN, OUT, THRU), USB Connectors=USB Computer Connector (supports file transfer or mass storage class, and Audio/MIDI), Digital Audio Interface (COAXIAL INPUT/OUTPUT), AC Inlet		
Size and Weight	Size: 1,066 (W) x 411 (D) x 142 (H) mm (42" x 16-3/16" x 5-5/8") Weight: 14.5 kg (32 lbs.)	Size: 1,278 (W) x 411 (D) x 142 (H) mm (50-3/8" x 16-3/16" x 5-5/8") Weight: 16.6 kg (36 lbs. 10 oz.)	Size: 1,396 (W) x 502 (D) x 183 (H) mm (55" x 19-13/16" x 7-1/4") Weight: 33.6 kg (74 lbs. 2 oz.)
Other	Arpeggiator: 128 Arpeggio Sets: 128 RPS Sets: 32 Rhythm Pattern Sets: 32 Chord Memory: 128 Chord Memory Type: 128 Display: Graphic Type: 8.5", Wide VGA (800 x 480 dots), backlit LCD (Color) Pads: 16 pads, velocity and polyphonic aftertouch sensitive Controllers: Pitch Bend/Modulation Lever, Control Knob x 4, Control Slider x 8, Assignable Switch x 2, D Beam Controller Expansion Slots: ARX expansion boards=2 slots, DIMM=1 slot, supports PC133, CL=2/3, 3.3 V, 128 MB, 256 MB, 512 MB External Storage Device: USB Flash Memory Power Supply: AC 117 V, AC 230 V, AC 240 V (50/60 Hz), AC 220 V (60 Hz) Power Consumption: 30 W Accessories: Owner's Manual, Quick Start, Driver Installation Guide, Sound List, CD-ROM (Editor, USB Audio/MIDI driver), Power Cord		

ARX Series



P13-P14

	ARX-01 DRUMS	ARX-02 ELECTRIC PIANO
Sound Generator Section	Maximum Polyphony: 128 voices (varies according to the sound generator load) Parts: 1 part User Memory: Drum Kits=50 (including pre-loaded kits) Effects: EQ/COMP= 24 systems (1 system per instrument), Multi-Effects (MFX)=1 system/47 types, Reverb=1 system/4 types	Maximum Polyphony: 64 voices (varies according to the sound generator load) Parts: 1 part User Memory: Patches=50 (including pre-loaded patches) Effects: MFX=1 system (12types): Equalizer, Super Filter, Chorus, Phaser1, Phaser2, Flanger, Delay, Reverb, Line Drive, Compressor, Wah, Ring Modulator
Other	Customize Functions: SNARE, KICK, TOM=Shell Depth, Head Tuning, Muffling, Mic Position, Buzz, HIHAT, CYMBAL, RIDE=Size, Sustain, E.DRUM=Tune, Decay, Cutoff, Resonance and more Miscellaneous: 24-channel Mixer, Flam/Roll effect for each tone Accessories: Owner's manual, Screwdriver	Customize Functions: Condition, Bar Angle, Pickup Distance, Bell/Thump, Bell Character, Damper Noise, Key Off Resonance, HUM Noise, Hammer Response, Model Type, Speaker Type and more Accessories: Owner's manual, Screwdriver

RD-700GX



for Microsoft® Windows Vista™ / Windows XP | for Mac OS X | P15-P16

Keyboard	88 keys (PHA II Ivory Feel Keyboard with Escapement)
Sound Generator Section	Conforms to General MIDI 2 System 88-key Stereo Multi-sampled Piano Sound Part: 16 Maximum Polyphony: 128 voices Wave Memory: 256 MB (16-bit linear equivalent) Tones: Normal Tones=242, SuperNATURAL E.Piano=10, Tone wheel Organ=10, General MIDI 2 Tones=256, Rhythm Sets=5, General MIDI 2 Rhythm Sets=9 Setups: 100 Effects: Multi-Effects=2 x 4 systems/124 types, Reverb=6 types, Chorus=3 types, Sound Control=3-band Compressor, 4-band Digital Equalizer
SMF/Audio File Player	File Format: Standard MIDI File=format-0/1, Audio File=WAV, AIFF (44.1 kHz, 16-bit linear), MP3 *Audio File can be played with Audio Key Function.
Connectors	Output Jacks (L/MONO, R) (1/4" phone type), Output Jacks (L, R) (XLR type), DAMPER Pedal, FC1 Pedal, FC2 Pedal, MIDI (IN, OUT1, OUT2, THRU/OUT3), USB (MIDI, Memory), Headphones Jack (Stereo 1/4" phone type), AC Inlet
Size and Weight	Size: 1,444 (W) x 375 (D) x 148 (H) mm (56-7/8" x 14-13/16" x 5-7/8") Weight: 25.0 kg (55 lbs. 2 oz.)
Other	Arpeggiator: 150 styles Rhythm Pattern: 200 patterns Display: 128 x 64 dots graphic LCD with backlit Controllers: Zone Level Slider x 4 (Assignable), Equalizer Knobs, Reverb Knob, Chorus Knob, Multi-Effects Control Knob x 2 (Assignable), Pitch Bend/Modulation Lever, Assignable Switches (S1, S2) Expansion Slots: SRX expansion board: 2 slots Internal Memory: 4 MB Power Supply: AC 117/230/240 V (50/60 Hz), AC 220 V (60 Hz) Power Consumption: 12 W Accessories: Owner's Manual, Audio Key Utility 2 Quick Guide, CD-ROM (Audio Key Utility 2, SONAR LE), Damper Pedal, Power Cord

RD-300GX



for Microsoft® Windows Vista™ / Windows XP | for Mac OS X | P15-P16

Keyboard	88 keys (PHA alpha II Keyboard)
Sound Generator Section	Conforms to General MIDI 2 System 88-key Stereo Multi-sampled Piano Sound Part: 16 Maximum Polyphony: 128 voices Wave Memory: 128 MB (16-bit linear equivalent) Tones: Normal Tones=110, General MIDI 2 Tones=256, Rhythm Sets=5, General MIDI 2 Rhythm Sets=9 Setups: 32 Effects: Multi-Effects=78 types, Reverb=6 types, Sound Control=2-band Digital Equalizer
SMF/Audio File Player	File Format: Standard MIDI File=format-0/1, Audio File=WAV, AIFF (44.1 kHz, 16-bit linear), MP3 *Audio File can be played with Audio Key Function.
Connectors	Output Jacks (L/MONO, R) (1/4" phone type), DAMPER Pedal, Control Pedal, MIDI (IN, OUT), USB (MIDI, Memory), Headphones Jack (Stereo 1/4" phone type), DC IN Jack
Size and Weight	Size: 1,444 (W) x 336 (D) x 134 (H) mm (56-7/8" x 13-1/4" x 5-5/16") Weight: 16.4 kg (36 lbs. 3 oz.)
Other	Rhythm Pattern: 200 patterns Display: 16 characters, 2 lines (Backlit LCD) Controllers: Zone Level Slider x 3 (Assignable), Equalizer Knobs, Pitch Bend/Modulation Lever, Assignable Switches (S1, S2) Internal Memory: 1 MB Power Supply: DC 9 V (AC adaptor) Power Consumption: 11 W Accessories: Owner's Manual, Audio Key Utility 2 Quick Guide, CD-ROM (Audio Key Utility 2, SONAR LE), Damper Pedal, AC Adaptor, Power Cord

JUNO-STAGE



for Microsoft® Windows Vista™ / Windows XP | for Mac OS X | P19-P20

Keyboard	76 keys (with velocity)
Sound Generator Section	Maximum Polyphony: 128 voices Parts: 16 parts Wave Memory: 128MB (16-bit linear equivalent) Preset Memory: Patches=1,027 + 256 (GM2), Rhythm Sets=32 + 9 (GM2), Performances=64 User Memory: Patches=256, Rhythm Sets=32, Performances=64 Effects: MFX=3 systems/79 types, Chorus=3 types, Reverb=5 types, Mic Input Reverb=8 types
Song Player	File Format: SMF=format-0/1, Audio File=WAV/AIFF/MP3
Connectors	Headphone Jack, Song/Click Out Jack, Output Jacks (L (MONO), R) (1/4" phone type), Mic Input Jack (1/4" phone type or XLR type) (phantom power), MIDI Connectors (IN, OUT), Hold Pedal Jack, Control Pedal Jack, Patch Select Jack, USB Connector (MIDI)
Size and Weight	Size: 1,251 (W) x 344 (D) x 112 (H) mm (49-1/4" x 13-9/16" x 4-7/16") Weight: 9.8 kg (21 lbs. 10 oz.) (excluding AC Adaptor)
Other	Arpeggiator: Preset=128, User=128 Rhythm Pattern: Preset=256 (26 groups), User=256 (32 groups) Chord Memory: Preset=64, User=64 Controllers: D BEAM Controller, Pitch Bend/Modulation Lever, S1/S2 Switches, Sound Modify Knob x 7 Display: 240 x 64 dots graphic LCD (with backlit) Expansion Slots: SRX expansion board x 2 slot External Storage Device: USB MEMORY (supports USB 2.0 Hi-Speed Flash Memory) Power Supply: DC 9 V (AC Adaptor) Current draw: 2,000 mA Accessories: Owner's Manual, CD-ROM x 2 (Editor/Librarian/USB MIDI driver, SONAR LE), Music Player Pad, Music Player Cable, USB Memory Protector, AC Adaptor

JUNO-D Limited Edition



P21

Keyboard	61 keys (with velocity)
Sound Generator Section	Maximum Polyphony: 64 voices Parts=16 *Two Tones can be assigned to each part (Patch), and can be split or layered. Wave Memory: 64 MB (16-bit linear equivalent) Preset Memory: Original Tones=686, Patches=706 (JUNO-D original=450, General MIDI 2=256), Rhythm Sets=20 (JUNO-D original=11, General MIDI 2=9), Performances=32 User Memory: Patches=128 *Two Tones can be assigned to each Patch, Rhythm Sets=2, Performances=8 Effects: Multi-Effects=47 types, Reverb=8 types, Chorus=8 types
Connectors	Output Jacks (L/MONO, R), Headphones Jack, MIDI Connectors (IN, OUT), Hold Pedal Jack, Control Pedal Jack
Size and Weight	Size: 1,021 (W) x 292 (D) x 103 (H) mm (40-1/4" x 11-1/2" x 4-1/16") Weight: 5.0 kg (11 lbs. 1 oz.)
Other	Rhythm Guide: Preset Patterns=32, Tempo=5 to 300 BPM (with tap tempo function) Multi-Chord Memory: Preset Chord Sets=16 *12 chord forms are assigned to each set., User Chord Sets=8 *12 chord forms can be assigned to each set Phrase/Arpeggio: Templates=342, User Templates=8, Styles (Variations)=473 Controllers: D Beam Controller=1, Pitch Bend/Modulation Lever=1, Control Knobs=5 Display: 20 characters, 2 lines (Backlit LCD) Power Supply: DC 9 V (AC Adaptor) Current draw: 1,000 mA Accessories: Owner's Manual, AC Adaptor (ACI Series or PSB-1U), CD-ROM (Editor program for PC/Mac)

JUNO-G



for Microsoft® Windows Vista™ / Windows XP®/OS X/Mac OS | for Mac OS X/Mac OS | P22

Keyboard	61 keys (velocity sensitive)
Sound Generator Section	Maximum Polyphony: 128 voices (shared with audio track section) Parts: 16 parts Wave Memory: 64 MB equivalent Preset Memory: Patches=768 + 256 (GM2), Rhythm Sets=36 + 9 (GM2), Performances=64 User Memory: Patches=256, Rhythm Sets=36, Performances=64 Effects: Multi-Effects=3 systems/78 types, Reverb=5 types, Chorus=3 types, Mastering Effects=3-band compressor, Input Effects=6 types
Song Recorder Section	Tracks: MIDI tracks=16, Audio tracks=4 stereo tracks Song Length: 9,998 measures Tempo: 5 to 300 MIDI Track Resolution: 480 TPQN, Note Capacity: approx. 400,000 notes, Recording Method: Realtime recording, Step recording Audio Track Data Format: 16-bit linear, Sample Rate=44.1 kHz, Recording Time: memory not expanded (4 MB): approx. stereo 23.5 seconds, memory fully expanded (516 MB): approx. stereo 51 minutes
Connectors	Headphones Jack (Stereo 1/4" phone type), A (MIX) Output Jacks (L (MONO), R) (1/4" phone type), B Output Jacks (L, R) (1/4" phone type), Input Jacks (L (MONO)/MIC, R) (1/4" phone type), MIDI Connectors (IN, OUT), Hold Pedal Jack, Control Pedal Jack, USB Connector (supports file transfer and MIDI)
Size and Weight	Size: 1,023 (W) x 298 (D) x 102 (H) mm (40-5/16" x 11-3/4" x 4") Weight: 6.2 kg (13 lbs. 11 oz.)
Other	Arpeggio: Preset=128, User=128 Rhythms Pattern: Preset=256 (32 groups), User=256 (32 groups) Chord Memory: Preset=64, User=64 Display: 240 x 92 dots graphic LCD (with backlit) Controllers: D Beam Controller, Pitch Bend/Modulation Lever, Sound Modify Knob x 6 Expansion Slot: SRX expansion board x 1 slot, DIMM x 1 slot (memory expansion for audio recording) External Storage Device: PC Card=1 slot (supports SmartMedia and CompactFlash using a PC card adaptor) Power Supply: DC 9 V (AC Adaptor) Current Draw: 2,000 mA Accessories: Owner's Manual, CD-ROM (Editor/Librarian/USB MIDI driver, SONAR LE), AC Adaptor (PSB-1U)

   	
Keyboard	<ul style="list-style-type: none"> 61 keys (with velocity)
Sound Generator Section	<ul style="list-style-type: none"> Maximum Polyphony: 128 voices Parts: 16 parts + Keyboard part Wave Memory: 256 MB (16-bit linear equivalent) Preset Memory: Performances=128, Tones=896 + 256 (GM2) + World, Rhythm Sets=32 + 9 (GM2) + World User Memory: Performances=128, Favorite Performances=100, Favorite Tones=100 Effects: MFX=Upper and Lower/78 types, Chorus=3 types, Reverb=5 types
Backing Track	<ul style="list-style-type: none"> Backing type: Style, Song, USB Memory Player Tempo (MIDI): 20 to 250 Style Variations: 4 Intro, 4 Main, 4 Ending, 4 Fill In, Sync Start, Stop, One Touch Setting Song (16-track Recorder): 16-track, Rec mode (Mix, Replace), Count in, Punch In-Out, Input Quantize USB Memory Player: 999 songs, SMF=format-0/1, Audio File=WAV/AIFF/MP3 Preset Memory: Styles=130 + World User Memory: Styles=100, Songs=200
Size and Weight	<ul style="list-style-type: none"> Size: 1,045 (W) x 318 (D) x 102 (H) mm (41-3/16" x 12-9/16" x 4-1/16") Weight: 6.0 kg (13 lbs. 4 oz.)
Other	<ul style="list-style-type: none"> Controllers: D BEAM Controller, Pitch Bend/Modulation Lever, Control Knobs x 2 Display: 240 x 64 dots white graphic LCD Connectors: Output Jacks (L/MONO, R), Ext Input Jack, Headphone Jack, MIDI Connectors (IN, OUT), Hold Pedal Jack, Control Pedal Jack, USB Connectors=COMPUTER (supports USB MIDI)/MEMORY (supports USB 2.0 Hi-Speed Flash Memory) Power Supply: DC 9 V (AC Adaptor) Current Draw: 1,000 mA Accessories: Owner's Manual, CD-ROM (Style Converter 3.0, Playlist Editor), AC Adaptor (PSB-1U), Music Player Pad, USB Memory Protector USB (MIDI): Operating System=Windows: XP Home SP2 or later/Windows XP Professional SP2 or later/Windows Vista * This does not work with the 64-bit Edition of Windows Vista.

  	
Keyboard	<ul style="list-style-type: none"> 49 keys (with velocity)
Sound Generator Section	<ul style="list-style-type: none"> Maximum Polyphony: 128 voices (Changes depending on the sound and the playing technique) Tones: Vocal Designer (7 tones)=CLASSIC, MALE & FEMALE, GOSPEL, POP, VOCODER1, VOCODER2, EXT IN, Ensemble (6 tones)=STRINGS1, STRINGS2, JAZZ SCAT, MIXED CHORUS, BOYS CHOIR, HUMMING, Bass & Percussion (4 sets)= BASS1, BASS2, BASS3, PERC Ambience (3 types): HALL1, HALL2, STUDIO
Connectors	<ul style="list-style-type: none"> Headphone Jack, Output Jacks (L/MONO, R) (1/4" phone type), MIC Jack (XLR type), External Input Jack (1/4" phone type), MIDI Connectors (IN, OUT), Hold Pedal Jack, Expression Pedal Jack, AC Inlet
Size and Weight	<ul style="list-style-type: none"> Size: 865 (W) x 346 (D) x 99 (H) mm (34-1/8" x 13-11/16" x 3-15/16") Weight: 8.5 kg (18 lbs. 12 oz.)
Other	<ul style="list-style-type: none"> Controllers: D Beam Controller, Pitch Bend/Modulation Lever Octave Shift: +/-1 Octave Number of Registration memories: 4 Master Tune: 415.3 Hz to 466.2 Hz Sound Check Function: Records OUTPUT signal for 10 seconds and plays it back. Nominal Input Level: INPUT (MIC)=-50 to -10 dBu, INPUT (EXT IN)=-36 to +4 dBu Power Supply: AC 115 V, AC 117 V, AC 220 V, AC 230V, AC 240V (50/60Hz) Power Consumption: 14 W Accessories: Owner's Manual, Leaflet "USING THE UNIT SAFELY", Leaflet "Mics recommended for the VP-550", Power Cord

    	
Sound Generator Section	<ul style="list-style-type: none"> Maximum Polyphony: 128 voices Parts: 16 parts Wave Memory: 128 MB (16-bit linear equivalent) Preset Memory: Patches=896 + 256 (GM2), Rhythm Sets=32 + 9 (GM2), Performances=64 User Memory: Patches=256, Rhythm Sets=32, Performances=64 Effects: Multi-Effects=3 systems/78 types, Chorus=3 types, Reverb=5 types, Input Effect=6 types, Mastering Effect=3 bands Compressor
Connectors	<ul style="list-style-type: none"> Output jacks (L/MONO, R), Headphone jack, Input jacks (MIC/GUITAR/LINE (L), LINE (R)) (MIC=1/4" phone type or XLR type (phantom power) / GUITAR=1/4" phone type (always Hi-Z) / Line (L) (1/4" phone type), LINE (R) (1/4" phone type)), MIDI Connectors (IN, OUT), USB Connectors=COMPUTER (supports USB MIDI and USB Audio; Hi-Speed USB port required): MEMORY (supports USB 2.0 Hi-Speed Flash Memory)
Size and Weight	<ul style="list-style-type: none"> Size: 294 (W) x 175 (D) x 55 (H) mm (11-5/8" x 6-15/16" x 2-3/16") Weight: 1.2 kg (2 lbs. 11 oz.)
Other	<ul style="list-style-type: none"> Display: 128 x 64 dots organic EL graphic display Expansion Slots: Expansion of waveforms and patches for the internal sound generator SRX expansion boards=2 slots External Memory: USB Memory Signal Processing: PC interface=24 bits, AD/DA Conversion=24 bits SMF/Audio File Player Section: File Format=Standard MIDI File: format-0/1, Audio File: WAV, AIFF, MP3 Number of Audio Input/Output Channels: Input=1 pair of stereo (MIC, GUITAR: Monaural/LINE: Stereo), Output=1 pair of stereo Power Supply: DC 9 V (AC Adaptor) Current Draw: 800 mA Accessories: Startup Guide, Manual, CD-ROM (Sound Editor, Librarian, Playlist Editor, USB Driver), CD-ROM (SONAR LE), Wrench, AC Adaptor (PSB-1U), Power Cord, USB Cable
SonicCell Editor	<p>System Requirements</p> <p>Windows</p> <ul style="list-style-type: none"> Operating System: Microsoft® Windows® XP Home Edition/Professional, Microsoft® Windows Vista® *This does not work with the 64-bit Edition of Windows®. CPU/Clock: Pentium®/Celeron® processor 1.4 GHz or higher RAM: 512 MB or more Hard Disk: 160 MB or more Display/Colors: 1280 x 800 or higher/24 bit Full Color or more Others: A USB connector that supports USB Specification Revision 2.0 or higher *Intel chipset is recommended. *SonicCell may not perform to its full specs when used with an added USB 2.0 interface card., CD-ROM Drive <p>Macintosh</p> <ul style="list-style-type: none"> Operating System: Mac OS 10.4.3 or later CPU/Clock: PowerPC G4 1 GHz or higher/Intel processor RAM: 512 MB or more Hard Disk: 160 MB or more Display/Colors: 1280 x 800 or higher/1670 million colors or more Others: On-board USB 2.0 port, CD-ROM Drive <p>Notes</p> <p>* Although Roland has tested numerous configurations, and has determined that on average, a computer system similar to that described above will permit normal operation of the SonicCell Applications, Roland cannot guarantee that a given computer can be used satisfactorily with the SonicCell Applications based solely on the fact that it meets the above requirements. This is because there are too many other variables that may influence the processing environment, including differences in motherboard design and the particular combination of other devices involved.</p> <p>■ Compatibility of the Plug-in Version * The following host applications have been verified to work properly with the plug-in version SonicCell Editor.</p> <p>■ VSTi version: CAKEWALK SONAR LE (Windows) / CAKEWALK SONAR 6.2 (Windows) / Steinberg Cubase 4 (Windows/Macintosh)</p> <p>■ Audio Units version: Apple Logic Pro 7.2 (Macintosh) * The following host applications have been reported to NOT work properly with the plug-in version SonicCell Editor.</p> <p>Steinberg Cubase SX3 (Windows/Macintosh) / Mark of the Unicorn Digital Performer 4.6 (Macintosh) * Though all of the host applications listed above performed properly in our testing, some of them may not work due to differences in inherent manufacturer design specifications and your operating environment. We cannot guarantee all the operations in these music applications.</p>

  			
			
Keyboard	<ul style="list-style-type: none"> Upper: 61 keys (Waterfall with velocity and after touch), Lower: 61 keys (Waterfall with velocity) 	<ul style="list-style-type: none"> 61 keys (Waterfall with velocity) 	
Sound Generator Section	<ul style="list-style-type: none"> Sound Generator: Organ=Virtual ToneWheel, Orchestral Tones=PCM Part: Organ=3 parts (Upper, Lower, Pedal), Orchestral Tones=3 parts (Upper, Lower, Pedal) Maximum Polyphony: Organ=Full Polyphony, Orchestral Tones=128 Voices 	<ul style="list-style-type: none"> Sound Generator: Organ=Virtual ToneWheel, Orchestral Tones=PCM Part: Organ=3 parts (Upper, Lower, Pedal), Other tones Maximum Polyphony: Organ=Full Polyphony, Orchestral Tones=64 Voices 	<ul style="list-style-type: none"> Sound Generator: Virtual ToneWheel Method Part: 3 Parts (Upper, Lower, Pedal) Maximum Polyphony: Full Polyphony
Organ Section	<ul style="list-style-type: none"> Organ: Tone wheel (VINTAGE1, VINTAGE2, SOLID, CLEAN), Leakage Level, Key Click Level, Vibrato and Chorus (V-1, V-2, V-3, C-1, C-2, C-3), Percussion (SECOND, THIRD, SOFT, SLOW), AMP simulator (Type I, Type II, Type III, Type IV), Overdrive, Tone, Reverb (Room, Hall, CHURCH, SPRING), Reverb Level, D BEAM (CRESCENDO, ROTARY SPEED, RING MODULATOR, TONE WHEEL BRAKE, SPRING SHOCK) 	<ul style="list-style-type: none"> Organ: Tone wheel (VINTAGE1, VINTAGE2, CLEAN), Leakage Level, Click Level, Vibrato and Chorus (V-1, V-2, V-3, C-1, C-2, C-3), Percussion (SECOND, THIRD, SOFT, SLOW), AMP simulator (Type I, Type II, Type III, Type IV), Overdrive, Tone, Reverb (Room, Hall, Church, Spring), Reverb Level, D BEAM (CRESCENDO, ROTARY SPEED, RING MODULATOR, TONE WHEEL BRAKE, SPRING SHOCK) 	<ul style="list-style-type: none"> Organ: Tone wheel (VINTAGE 1, VINTAGE 2, CLEAN), Leakage Level, Vibrato and Chorus (V1, V2, V3, C1, C2, C3), Percussion (SECOND, THIRD, SOFT, SLOW), AMP Simulator (TYPE I, TYPE II, TYPE III, TYPE IV), Overdrive, Tone, Reverb (ROOM, HALL, CHURCH, SPRING), Reverb Level, D BEAM (CRESCENDO, ROTARY SPEED, RING MODULATOR, TONE WHEEL BRAKE, SPRING SHOCK, GLISSANDO)
Orchestral Tones	<ul style="list-style-type: none"> Orchestral Tones: <Tones> Upper=STRINGS, LARGE CHOIR, GOSPEL CHOIR, SYNTH PAD, BRASS, WOOD WIND, JAZZ SCAT, ACCORDION, Lower=PIANO, E.PIANO 1, E.PIANO 2, CLAVI, VIBES, HARPSICHORD, A.BASS, E.BASS, Pedal=PIANO, E.PIANO 1, E.PIANO 2, CLAVI, VIBES, HARPSICHORD, A.BASS, E.BASS, <Effect> Chorus, Reverb 	<ul style="list-style-type: none"> Other Tones: <Tones> PIANO, ELECTRIC PIANO 1, ELECTRIC PIANO 2, STRINGS, JAZZ SCAT, CHOIR, SYNTH, BRASS, <Effect> Chorus, Reverb 	
Connectors	<ul style="list-style-type: none"> INPUT Jacks (L/MONO, R) (1/4" phone type), MIX OUTPUT Jacks (L, R) (XLR 3-32 type), MIX OUTPUT Jacks (L/MONO, R) (1/4" TRS phone type), ORGAN OUTPUT Jacks (L/MONO, R) (1/4" TRS phone type), ORCHESTRAL TONES OUTPUT Jacks (L/MONO, R) (1/4" TRS phone type), PHONE Jack (Stereo 1/4" phone type), EXPRESSION PEDAL Jack, HOLD PEDAL Jack, CONTROL PEDAL 1 Jack, CONTROL PEDAL 2 Jack, MIDI Connectors (KEYBOARD IN, PEDAL IN, OUT), ROTARY TONE CABINET Connector, AC Inlet 	<ul style="list-style-type: none"> OUTPUT Jacks (L/MONO, R) (1/4" TRS phone type), PHONE Jack (Stereo 1/4" phone type), EXPRESSION PEDAL Jack, HOLD PEDAL Jack, CONTROL PEDAL 1 Jack, CONTROL PEDAL 2 Jack, MIDI Connectors (KEYBOARD IN, PEDAL IN, OUT), ROTARY TONE CABINET Connector, AC Inlet 	<ul style="list-style-type: none"> OUTPUT Jacks (L/MONO, R) (1/4" phone type), INPUT Jacks (L/MONO, R) (1/4" phone type), PHONE Jack (Stereo miniature phone type), EXPRESSION PEDAL Jack, MIDI Connectors (IN, OUT), AC ADAPTOR Jack (DC 9V)
Size and Weight	<ul style="list-style-type: none"> Size: 1,184 (W) x 590 (D) x 199 (H) mm (46-5/8" x 23-1/4" x 7-7/8") <incl. the music rest + organ stand (KS-88)> 1,184 (W) x 590 (D) x 1,130 (H) mm (46-5/8" x 23-1/4" x 44-1/2") Weight: VK-88=39 kg (86 lbs.), KS-88=23 kg (50 lbs. 12 oz.), BNC-88=20 kg (44 lbs. 2 oz.), RKS-88=9 kg (19 lbs. 14 oz.) 	<ul style="list-style-type: none"> Size: 1,160 (W) x 344 (D) x 109 (H) mm (45-11/16" x 13-9/16" x 4-5/16") Weight: 14.5 kg (32 lbs.) 	<ul style="list-style-type: none"> Size: 233 (W) x 275 (D) x 77 (H) mm (9-3/16" x 10-7/8" x 3-1/16") Weight: 1.7 kg (3 lbs. 12 oz.)
Other	<ul style="list-style-type: none"> Internal Memory: Registration memory=64 (User Memory) Power: AC 117 V, AC 230 V, AC 240 V Power Consumption: 55 W Finish: Top Panel=Simulated Walnut, Side Panel=Natural Wood Walnut Finish Accessories: Owner's Manual, Edit Mode Quick Reference, Music Rest, Rear Cover, Screw Set, Cord Clamp, PK Cable, Power Cord 	<ul style="list-style-type: none"> Internal Memory: Registration memory=64 (User Memory) Control: HARMONIC BAR (16', 5-1/3', 8', 4', 2-2/3', 2', 1-3/5', 1-1/3', 1') Power: AC 117 V, AC 230 V, AC 240 V Power Consumption: 15 W Finish: Top Panel=Simulated Walnut, Side Panel=Natural Wood Walnut Finish Accessories: Owner's Manual, Edit Mode Quick Reference, Power Cord 	<ul style="list-style-type: none"> Internal Memory: Registration memory=36 (User Memory) Power Supply: AC Adaptor (PSB-1U) Current Draw: 700 mA Finish: Side Panel=Natural Wood Walnut Finish Accessories: Owner's Manual, Edit Mode Quick Reference, AC Adaptor, AC Cord

  	
Sound Generator Section	<ul style="list-style-type: none"> Maximum Polyphony: 128 voices (shared with the sampling section) Parts: 16 Parts Standard Wave Memory: 128 MB (16-bit linear equivalent) Sampling Data Format: 16-bit linear (File Type: WAV/AIFF) Sampling Frequency: 44.1 kHz (fixed) Maximum Sampling Time: Standard=16 MB (mono: 180 sec. approx., stereo: 90 sec. approx.), Maximum (expanded with DIMM)=528 MB (mono: 104 min. approx., stereo: 52 min. approx.) Number of Samples: User memory=2,000 (maximum total approximately 16 MB), Card memory=7,000 (PC card) Standard Waveforms: 1,480 Preset Memory: Patches=1,152 + 256 (GM2), Rhythm Sets=40 + 9 (GM2), Performances=64 User Memory: Patches=256, Sample Patches: 2,000, Rhythm Sets=32, Performance=64 Card Memory (PC card): Patches=256, Sample Patches=7,000, Rhythm Sets=32, Performances=64 Effects: Multi-Effects=3 systems/78 types, Chorus=3 types, Reverb=5 types, Input Effect=6 types, Mastering Effect=3-band Compressor
Connectors	<ul style="list-style-type: none"> Headphone Jack, A (MIX) Output Jacks (L/MONO, R) (1/4" TRS phone type), B Output Jacks (L, R) (1/4" phone type), Input Jacks (L/MONO/MIC, R) (1/4" phone type), MIDI Connectors (IN, OUT, THRU), USB Connector (supports file transfer (mass storage class) and MIDI), Digital Audio Interface (COAXIAL INPUT/OUTPUT), AC Inlet
Size and Weight	<ul style="list-style-type: none"> Size: 481 (W) x 355 (D) 45 (H) mm (18-15/16" x 14" x 1-13/16") Weight: 4.7 kg (10 lbs. 6 oz.)
Other	<ul style="list-style-type: none"> Arpeggiator: Preset=128, User=128 Rhythm Pattern: Preset=256 (32 groups), User=256 (32 groups) Chord Memory: Preset=64, User=64 Display: Graphic 160 x 48 dots backlit LCD Expansion Slots: [Expansion of waveforms and patches for the internal sound generator] SRX expansion boards=6 slots, [Expansion of sampling memory] DIMM=1 slot (supports 128/256/512 MB (3.3 V)) External Storage Device: PC card=1 slot (supports SmartMedia and CompactFlash using a PC card adapter) Power Supply: AC 117 V, AC 230 V, AC 240 V (50/60 Hz) Power Consumption: 13 W Accessories: Owner's Manual, Guide to the Added Functionality, Sample Data (Audio) CD, CD-ROM (Editor (Patch, Sample, Multi-sample), Librarian, S-700 series sample converter, USB MIDI driver), PC Card Protector (and 2 screws), Power Cord

    	
Keyboard	<ul style="list-style-type: none"> 88 keys (PHA II keyboard) Touch Sensitivity: 100 levels, Off (velocity adjustable)
Sound Generator Section	<ul style="list-style-type: none"> GM2 system/GS/XG lite compatible Max. Polyphony: 128 voices Tones: 348 tones (include 6 Tone wheel Organ) + 9 Drums Sets
Connectors	<ul style="list-style-type: none"> External Memory Connector, Output Jacks (L/MONO, R) (1/4" phone type), Input Jacks (L/MONO, R) (1/4" phone type), Mix In Jack (Stereo miniature phone type), Headphone Jack x 2 (Stereo 1/4" phone type), USB (MIDI) Connector, MIDI Connectors (In, Out), Pedal Jacks (Damper, Soft), Sustain) *Assignable, DC In Jack
Size and Weight	<ul style="list-style-type: none"> Size: 1,346 (W) x 375 (D) x 137 (H) mm (53" x 14-13/16" x 5-7/16") Weight: 23.9 kg (52 lbs. 12 oz.)
Other	<ul style="list-style-type: none"> Effects: Reverb, Digital Effect (62 types), Sound Control (3 types), 4-band Digital Equalizer Session Partner: Rhythm=80 types x 2 variations, Chord Progression=Automatic or input with keyboard (User Programmable) Recorder: Tracks=3 tracks, Song=1 song (Max. 99 songs to Internal Memory), Note Storage=Approx. 30,000 notes, Tempo=Quarter note (10 to 500), Resolution=120 ticks per quarter note Registration: To Internal Memory=28 x MAX. 25 sets, To USB Memory=28 x MAX. 99 sets Internal Songs: 65 Songs Demo Songs: 10 Songs Playback and Save: Media=USB Memory, Playback file=SMF format (0/1), Audio File (WAV format, 44.1 kHz, 16 bit linear), *Audio File can be played with Audio Key Function, Save format: SMF format (0), Registration set Rated Power Output: 13 W x 2 Speakers: 8 cm x 12 cm x 2 with Speaker Box Display: Graphic LCD 128 x 64 dots (with backlit) Power Supply: DC 12 V (AC Adaptor) Compatible CD Drives: Regarding the CD Drive compatibility, please click here to see the list titled "Compatible CD Drives". Accessories: Owner's Manual, Audio Key Utility Quick Guide, CD-ROM (Audio Key Utility), Information about SONAR LE, CD-ROM (SONAR LE), AC Adaptor, Power Cord, Music Rest, 2 screws for the Music Rest, Pedal: DP-8 (available Half-damper)

   	
Keyboard	<ul style="list-style-type: none"> 49 keys (velocity sensitive)
Sound Generator Section	<ul style="list-style-type: none"> Sound Generator: Analog Modeling Sound Engine (One MIDI part), Two Tones per Patch (Upper and Lower), 2 Oscillators with MIX/MOD + 1 Filter + 1 Amp + 2 LFO + 3 Envelopers Patch Memory: Preset=32, User=32 Effects: Reverb, Modulation Delay OSC Section: Oscillator Waveform=SAW, SQUARE, PULSE/PWM, TRIANGLE, SINE, NOISE, FB OSC, Super SAW, EXT IN, Knobs=Pitch, Detune, PulseWidth/Feedback, Pitch Envelope=Attack, Decay MIX/MOD Section: Oscillator Sync, Ring Modulation, Low Boost/Low Cut, Knob: Balance (OSC1/OSC2) FILTER Section: Filter Type=LPF, BPF, HPF (-12 dB/-24 dB), Knobs=Cutoff, Resonance, Key follow, Envelope=Attack, Decay, Sustain, Release AMP Section: Knob=Level, Insertion Effect=Overdrive, Envelope=Attack, Decay, Sustain, Release LFO Section: LFO Shape=TRIANGLE, SINE, SAW, SQUARE, TRAPEZOID, SAMPLE AND HOLD, RANDOM, Knobs=Rate, Destination 1 Depth, Destination 2 Depth, Tempo Sync ON/OFF
Connectors	<ul style="list-style-type: none"> Output Jacks (L/MONO, R) (1/4" phone type), Headphone Jack, Input Jacks (L, R) (RCA pin type), MIDI Connectors (IN, OUT), USB Connector (AUDIO/MIDI), Pedal Jack, DC In Jack
Size and Weight	<ul style="list-style-type: none"> Size: 884 (W) x 354 (D) x 107 (H) mm (34-13/16" x 13-15/16" x 4-1/4") Weight: 5.2 kg (11 lbs. 8 oz.)
Other	<ul style="list-style-type: none"> Arpeggiator: Pattern template=32, Tempo=20 to 250 BPM *Full programmable with PC editor software Controllers: Pitch Bend/Modulation lever, D Beam Controller Recorder: Easy MIDI recorder, Number of Track=1, Tempo=20 to 250 BPM Power Supply: AC Adaptor (DC 9 V) Accessories: Owner's Manual, AC Adaptor (PSB-1U or ACI series), CD-ROM (USB Driver, Editor, Librarian)

MOBILE CUBE		P35
Rated Power Output/Speakers	<ul style="list-style-type: none"> 2.5 W + 2.5 W 10 cm (4") x 2 	
Connectors	<ul style="list-style-type: none"> [MIC Channel] Input Jacks (1/4" phone type), [KEYBOARD/INSTRUMENT/GUITAR Channel] Input Jack L/MONO, GUITAR (1/4" phone type), Input Jack R (1/4" phone type), AUX IN Jacks (Stereo miniature phone type, RCA phono type), PHONES Jack (Stereo miniature phone type), AC Adaptor Jack 	
Size and Weight	<ul style="list-style-type: none"> Size: 280 (W) x 108 (D) x 177 (H) mm (11-1/16" x 4-1/4" x 7") Weight: 2.5 kg (5 lbs. 9 oz.) 	
Others	<ul style="list-style-type: none"> Nominal Input Level (1 kHz): MIC Channel=-50 dBu, KEYBOARD/INSTRUMENT/GUITAR Channel=-10 dBu, AUX IN=-10 dBu Controls: POWER Switch, TONE Knob, DELAY/REVERB Knob, [MIC Channel] VOLUME Knob, [KEYBOARD/INSTRUMENT/GUITAR Channel] TYPE Switch, VOLUME Knob, CHORUS Switch, [AUX] CENTER CANCEL Switch Indicator: POWER Power Supply: DC 9 V, Dry Battery (LR6 (AA) type) x 6 or AC Adaptor (optional) Current Draw: 175 mA Accessories: Strap, Dry Battery (LR6 (AA) type) x 6, Owner's Manual 	

KCW-1		P37
Rated Power Output/Speakers	<ul style="list-style-type: none"> 200 W 25cm (10") x 1 	
Connectors	<ul style="list-style-type: none"> INPUT Connector L, R (XLR type), INPUT Jack L (MONO), R (1/4" phone type), THRU OUT Connector L, R (XLR type), THRU OUT Jack L (MONO), R (1/4" phone type), FOOT SW JACK (1/4" phone type) 	
Size and Weight	<ul style="list-style-type: none"> Size: 438 (W) x 440 (D) x 460 (H) mm (17-1/4" x 17-3/8" x 18-1/8") Weight: 23.0 kg (50 lbs. 12 oz.) 	
Others	<ul style="list-style-type: none"> Controls: Knobs (VOLUME, CROSSOVER), Switches (BOTTOM, PHASE, POWER, GND LIFT) Nominal Output Level @ 100 Hz: THRU OUT=+4 dBu (XLR, 1/4" Phone type) Nominal Input Level @ 100 Hz: INPUT=+4 dBu (XLR, 1/4" Phone type) Power Supply: AC 117 V, 230 V or 240 V Power Consumption: 135 W Accessory: Owner's Manual, Power cord 	

CUBE Street		P36
Rated Power Output/Speakers	<ul style="list-style-type: none"> 2.5 W + 2.5 W 16 cm (6.5") x 2 	
Connectors	<ul style="list-style-type: none"> [MIC/LINE Channel] Input Jacks (XLR type, 1/4" phone type), Foot Switch Jack (1/4" TRS phone type), [GUITAR/INSTRUMENT Channel] Input Jack (1/4" phone type), Foot Switch Jack (1/4" TRS phone type), STEREO AUX IN Jack (Stereo miniature phone type), PHONES Jack (Stereo 1/4" phone type), AC Adaptor Jack 	
Size and Weight	<ul style="list-style-type: none"> Size: 415 (W) x 235 (D) x 250 (H) mm (16-3/8" x 9-3/8" x 9-7/8") Weight: 5.2 kg (11 lbs. 8 oz.) 	
Others	<ul style="list-style-type: none"> Controls: POWER Switch (MIC/LINE Channel), SELECT Switch (MIC/LINE), VOLUME Knob, EQUALIZER Knobs (BASS, TREBLE), DELAY/REVERB Knob (GUITAR/INSTRUMENT Channel), TUNER Switch, TYPE Switch, GAIN Knob, VOLUME Knob, EQUALIZER Knobs (BASS, MIDDLE, TREBLE), EFX Knob, DELAY/REVERB Knob Nominal Input Level (1 kHz): MIC/LINE Channel=-50/-10 dBu, GUITAR/INSTRUMENT Channel=-10 dBu, STEREO AUX IN=-10 dBu Power Supply: DC 9 V=AC Adaptor or Dry Battery (LR6 (AA) type)(optional) x 6 Current Draw: 235 mA Accessories: Power Cord, AC Adaptor, Owner's Manual 	

SA Series			P38
	SA-300	SA-1000	
Rated Power Output/Speakers	<ul style="list-style-type: none"> 350 W (75 W x 2 + SUBWOOFER 200 W) 16 cm (6.5") + Tweeter (Coaxial, 2-way) x 2 	<ul style="list-style-type: none"> 350 W (75 W x 2 + SUBWOOFER 200 W) 16 cm (6.5") + Tweeter (Coaxial, 2-way) x 2 	
Connectors	<ul style="list-style-type: none"> CH1, CH2 (MIC INPUT Jacks (XLR type, 1/4" TRS phone type), LINE INPUT Jacks (L/MONO, R) (1/4" phone type)), CH3, CH4 (MIC INPUT Jacks (XLR type, 1/4" TRS phone type, PHANTOM Power), LINE INPUT Jacks (L/MONO, R) (1/4" phone type), LINE INPUT Jacks (L, R) (RCA phono type)), Output (LINE OUTPUT Jacks (L/MONO, R) (1/4" phone type), LINE OUTPUT Jacks (L, R) (XLR type)), Stereo Link (STEREO LINK IN Jack (1/4" phone type), STEREO LINK OUT Jacks (L, R) (1/4" phone type)), Others (PHONES Jack (Stereo 1/4" phone type), SUBWOOFER OUT Jack (1/4" phone type), Foot SW Jacks (ANTI-FEEDBACK SWEEP) (1/4" phone type), Foot SW Jack (EXP PEDAL/REMOTE SW) (1/4" TRS phone type)) 	<ul style="list-style-type: none"> MIC INPUT Jacks (XLR type, 1/4" TRS phone type), KEYBOARD1, 2 INPUT Jacks (L/MONO, R) (1/4" phone type x 2), AUDIO INPUT Jacks (L, R) (RCA phono type), LINE OUT Jacks (L, R) (XLR type), STEREO LINK IN Jack (1/4" phone type), STEREO LINK OUT Jacks (R) (1/4" phone type), PHONES Jack (Stereo 1/4" phone type), SUBWOOFER OUT Jack (1/4" phone type) 	
Size and Weight	<ul style="list-style-type: none"> Size: 456 (W) x 343 (D) x 297 (H) mm (18" x 13-9/16" x 11-3/4") Weight: 11.5 kg (25 lbs. 6 oz.) 	<ul style="list-style-type: none"> Size: 456 (W) x 343 (D) x 297 (H) mm (18" x 13-9/16" x 11-3/4") Weight: 11.5 kg (25 lbs. 6 oz.) 	
Others	<ul style="list-style-type: none"> Channel Controls: CH1, CH2 (INPUT SELECT Button (MIC/LINE), VOICE ENHANCER Button, Channel VOLUME Knob, REVERB/DELAY Knob, ANTI-FEEDBACK Button (ON/OFF), ANTI-FEEDBACK SWEEP Button), CH3, CH4 (INPUT SELECT Button (MIC/LINE), Channel VOLUME Knob, REVERB Knob, PHANTOM Switch) Master Controls: Equalizer, LOW Knob, MIDDLE Knob, HIGH Knob, LOW BOOST Button, WIDE Button, MASTER VOLUME Knob, PHONES VOLUME Knob, POWER Switch, GND LIFT Switch Nominal Input Level (1 kHz): INPUT (MIC)=-50 dBu, INPUT (PHONE)=-20 dBu, INPUT (RCA)=-20 dBu, STEREO LINK INPUT=0 dBu Nominal Output Level (1 kHz): LINE OUT=+4 dBu, BALANCED OUT=+4 dBu, STEREO LINK OUTPUT=0 dBu Indicators: MIC/LINE (CH1 to CH4), ANTI-FEEDBACK ON/OFF (CH1, CH2), ANTI-FEEDBACK SWEEP (CH1, CH2), LEVEL METER, SUBWOOFER ACTIVE Power Supply: AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz) Power Consumption: 94 W 	<ul style="list-style-type: none"> Input Controls: [MIC] MIC Button, Input VOLUME Knob, REVERB Knob, ANTI-FEEDBACK Button (ON/OFF), ANTI-FEEDBACK AUTO Button, [KEYBOARD1, 2] Input VOLUME Knob, [AUDIO] Input VOLUME Knob Master Controls: Equalizer (LOW Knob, MIDDLE Knob, HIGH Knob), ORGAN ENHANCE Button, AMBIENCE Button, MASTER VOLUME Knob, PHONES VOLUME Knob Nominal Input Level (1 kHz): INPUT (MIC)=-50 dBu, INPUT (KEYBOARD)=-20 dBu, INPUT (AUDIO)=-20 dBu, STEREO LINK INPUT=0 dBu Nominal Output Level (1 kHz): BALANCED OUT=+4 dBu, STEREO LINK OUTPUT=0 dBu Switches: POWER Switch, GND LIFT Switch Indicators: MIC ON, MIC OFF, ANTI-FEEDBACK ON/OFF, ANTI-FEEDBACK AUTO LEVEL METER, POWER Power Supply: AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz) Power Consumption: 94 W 	
Subwoofer Unit	SA-300W <ul style="list-style-type: none"> Speaker: 30 cm (12") Nominal Impedance: 4 Ω Connection: INPUT Jack (1/4" phone type) Size: 456 (W) x 325 (D) x 510 (H) mm (18" x 12-13/16" x 20-1/8") Weight: 10.5 kg (23 lbs. 3 oz.) Accessories: Owner's Manual, Speaker Connection Cable 	SA-1000W <ul style="list-style-type: none"> Speaker: 30 cm (12") Nominal Impedance: 4 Ω Connection: INPUT Jack (1/4" phone type) Size: 456 (W) x 325 (D) x 560 (H) mm (18" x 12-13/16" x 22-1/16") Weight: 11.5 kg (25 lbs. 6 oz.) Accessories: Owner's Manual, Speaker Connection Cable, Connection Manual 	

CM-30		P37
Rated Power Output/Speakers	<ul style="list-style-type: none"> 30 W 16 cm (6.5") + Tweeter (Coaxial 2-Way) 	
Connectors	<ul style="list-style-type: none"> Channel 1 Input Jack (XLR type, 1/4" phone type), Channel 2, 3 Input Jack L (mono) (1/4" phone type), Channel 2, 3 Input Jack R (1/4" phone type), Aux In 1 Jack (RCA phono type), Aux In 2 Jack (Stereo miniature phone type), Stereo Link Out Jacks L, R (1/4" phone type), Stereo Link In Jack (1/4" phone type), Stereo Phones Jack (Stereo 1/4" phone type) 	
Size and Weight	<ul style="list-style-type: none"> Size: 214 (W) x 238 (D) x 275 (H) mm (8-7/16" x 9-3/8" x 10-7/8") Weight: 5.6 kg (12 lbs. 6 oz.) 	
Others	<ul style="list-style-type: none"> Controls: Channel 1 (Mic/Line) Volume Knob, Channel 2, 3 Volume Knobs, Stereo Phones Level Knob, Equalizer (Low Knob, High Knob, Volume Knob), Power Switch Nominal Input Level (1 kHz): Channel 1 (Mic/Line)=-50 to -20 dBu, Channel 2, 3 (Line)=-20 dBu, AUX IN 1, 2=-10 dBu, Stereo Link Input=-10 dBu Nominal Output Level: Stereo Link Out L, R=-10 dBu Power Supply: AC 117 V, 230 V, 240 V Power Consumption: 32 W 	

KC Series					P37
	KC-550	KC-350	KC-150	KC-60	
Rated Power Output/Speakers	<ul style="list-style-type: none"> 180 W 38 cm (15") x 1, Tweeter x 1 	<ul style="list-style-type: none"> 120 W 30 cm (12") x 1, Tweeter x 1 	<ul style="list-style-type: none"> 65 W 30 cm (12") x 1, Tweeter x 1 	<ul style="list-style-type: none"> 40 W 25 cm (10") x 1, Tweeter x 1 	
Connectors	<ul style="list-style-type: none"> CH1 INPUT Jack (XLR type), CH1-4 INPUT L (MONO) Jacks (1/4" phone type), CH1-4 INPUT R Jacks (1/4" phone type), LINE OUT L (MONO) Jacks (XLR type, 1/4" phone type), LINE OUT R Jacks (XLR type, 1/4" phone type), AUX IN Jacks (RCA phono type), SUBWOOFER OUT Jack (1/4" phone type), STEREO LINK OUT Jack (1/4" phone type), STEREO LINK IN Jack (1/4" phone type), PHONES Jack (Stereo 1/4" phone type) 	<ul style="list-style-type: none"> Channel 1 Input Jacks (XLR type, 1/4" phone type), Channel 2 Input Jack (1/4" phone type), Channel 3 Input Jack (1/4" phone type), Channel 4 Input Jack (1/4" phone type), AUX IN Jacks (RCA phono type), LINE OUT Jack (1/4" phone type), SUB WOOFER OUT Jack (1/4" phone type), PHONES Jack (Stereo 1/4" TRS phone type, mono signal output) 	<ul style="list-style-type: none"> Channel 1 Input Jacks (XLR type, 1/4" phone type), Channel 2 Input Jack (1/4" phone type), Channel 3 Input Jack (1/4" phone type), Channel 4 Input Jack (1/4" phone type), AUX IN Jack (RCA phono type), LINE OUT Jack (1/4" phone type), SUB WOOFER OUT Jack (1/4" phone type), PHONES Jack (Stereo 1/4" TRS phone type, mono signal output) 	<ul style="list-style-type: none"> Channel 1 Input Jack (XLR Type, 1/4" phone type), Channel 2 Input Jack (1/4" phone type), Channel 3 Input Jack (1/4" phone type), AUX IN Jack (RCA phone type), LINE OUT Jack (1/4" phone type), SUB WOOFER OUT Jack (1/4" phone type), PHONES Jack (Stereo 1/4" phone type, mono signal output) 	
Size and Weight	<ul style="list-style-type: none"> Size: 590 (W) x 445 (D) x 536 (H) mm (23-1/4" x 17-9/16" x 21-1/8") Weight: 29.0 kg (63 lbs. 15 oz.) 	<ul style="list-style-type: none"> Size: 490 (W) x 385 (D) x 470 (H) mm (19-5/16" x 15-3/16" x 18-9/16") Weight: 22.0 kg (48 lbs. 9 oz.) 	<ul style="list-style-type: none"> Size: 480 (W) x 295 (D) x 435 (H) mm (18-15/16" x 11-5/8" x 17-1/8") Weight: 14.0 kg (30 lbs. 14 oz.) 	<ul style="list-style-type: none"> Size: 415 (W) x 290 (D) x 405 (H) mm (16-3/8" x 11-7/16" x 16") Weight: 12.0 kg (26 lbs. 8 oz.) 	
Others	<ul style="list-style-type: none"> Controls: CHANNEL CONTROL (CH1 VOLUME Knob, CH2 VOLUME Knob, CH3 VOLUME Knob, CH4 VOLUME Knob, OUTPUT SELECT Switch, PHONES VOLUME Knob), MASTER CONTROL (EQ (LOW) Knob, EQ (MIDDLE) Knob, EQ (HIGH) Knob, SHAPE Switch, VOLUME Knob), POWER Switch, GND LIFT Switch (KC-550) Nominal Input Level (1 kHz): Channel 1 (MIC/LINE)=-50 to -20 dBu, Channel 2-4 (LINE)=-20 dBu, STEREO LINK INPUT=0 dBu, AUX IN=-10 dBu Nominal Output Level (1 kHz): LINE OUT=+4 dBu, STEREO LINK OUTPUT=0 dBu, SUBWOOFER OUT=+4 dBu Power Supply: Voltage=AC 117 V, AC 230 V, AC 240 V Power Consumption: 135 W 	<ul style="list-style-type: none"> Power Supply: Voltage=AC 117 V, AC 230 V, AC 240 V Power Consumption: 100 W 	<ul style="list-style-type: none"> Controls: Channel 1 (MIC/LINE) Volume Knob, Channel 2 (LINE) Volume Knob, Channel 3 (LINE) Volume Knob, Channel 4 (MONITOR) Volume Knob, EQ (LOW) Knob, EQ (HIGH) knob, VOLUME knob, POWER Switch Nominal Input Level (1 kHz): Channel 1 (MIC/LINE)=-50 to -20 dBu, Channel 2, 3, 4 (LINE)=-20 dBu, AUX IN=-10 dBu Nominal Output Level (1 kHz): LINE OUT=+4 dBu, SUB WOOFER OUT=+4 dBu Power Supply: Voltage=AC 117 V, AC 230 V, AC 240 V Power Consumption: 55 W 	<ul style="list-style-type: none"> Controls: Channel Volume (1, 2, 3), EQ (Low/High), Master Volume, Power Switch Nominal Input Level (1 kHz): Channel 1 (MIC/LINE)=-50 to -20 dBu, Channel 2, 3 (LINE)=-20 dBu Nominal Output Level (1 kHz): LINE OUT=+4 dBu, SUB WOOFER OUT=+4 dBu Power Supply: AC 117/230/240 V Power Consumption: 45 W 	

DS Series				P38
	DS-8	DS-7	DS-5	
System/Enclosure	<ul style="list-style-type: none"> 2-Way Bi-Amplified Monitor/Bass-reflex type 			
LF Driver	<ul style="list-style-type: none"> 200 mm (8") Polypropylene cone type magnetically shielded 	<ul style="list-style-type: none"> 160 mm (6-1/2") Polypropylene cone type, magnetically shielded 	<ul style="list-style-type: none"> 130 mm (5-1/4") Polypropylene cone type, magnetically shielded 	
HF Driver	<ul style="list-style-type: none"> 25 mm (1") Soft dome type magnetically shielded 	<ul style="list-style-type: none"> 19 mm (3/4") Soft dome type magnetically shielded 	<ul style="list-style-type: none"> 19 mm (3/4") Soft dome type magnetically shielded 	
Frequency Response	<ul style="list-style-type: none"> 58 Hz to 24 kHz (+/-3 dB) 	<ul style="list-style-type: none"> 68 Hz to 23 kHz (+/-3 dB) 	<ul style="list-style-type: none"> 78 Hz to 23 kHz (+/-3 dB) 	
Crossover Frequency	<ul style="list-style-type: none"> 2.3 kHz (active fourth order) 	<ul style="list-style-type: none"> 2.7 kHz (active fourth order) 	<ul style="list-style-type: none"> 3.3 kHz (active fourth order) 	
LF Amplifier Power	<ul style="list-style-type: none"> 80 W 	<ul style="list-style-type: none"> 40 W 	<ul style="list-style-type: none"> 30 W 	
HF Amplifier Power	<ul style="list-style-type: none"> 40 W 	<ul style="list-style-type: none"> 20 W 	<ul style="list-style-type: none"> 15 W 	
Analog In	<ul style="list-style-type: none"> Input Sensitivity: 0 dBu (0.775 Vrms) Input Impedance: 20 kΩ (Balanced/Unbalanced) 			
Digital In	<ul style="list-style-type: none"> Format: Conformity with AES/EBU and IEC60958, Sample Rate: 32 kHz to 192 kHz (automatically) (de-emphasis: OFF), Word Length: 24-bit, D/A Converter:24-bit 			
Connectors	<ul style="list-style-type: none"> ANALOG INPUT (XLR, 1/4" TRS phone type), DIGITAL INPUT (XLR), DIGITAL INPUT (Optical), DIGITAL INPUT (Coaxial), DIGITAL THRU OUT (Coaxial) 			
Size and Weight	<ul style="list-style-type: none"> Size: 254 (W) x 367 (D) 406 (H) mm (10" x 14-1/2" x 16") Weight: 17.2 kg (37 lbs. 15 oz.) 	<ul style="list-style-type: none"> Size: 209 (W) x 307 (D) x 336 (H) mm (8-1/4" x 12-1/8" x 13-1/4") Weight: 9.7 kg (21 lbs. 7 oz.) 	<ul style="list-style-type: none"> Size: 184 (W) x 268 (D) x 295 (H) mm (7-1/4" x 10-9/16" x 11-5/8") Weight: 7.2 kg (15 lbs. 14 oz.) 	
Others	<ul style="list-style-type: none"> Controls: LEVEL Knob (LF TRIM, HF TRIM), INPUT SELECT SW. (Analog In/Digital In), ASSIGN SW. (Right/L+R/Left), DIGITAL INPUT SELECT SW. (AES/EBU/Optical/ Coaxial), POWER SW. Power Supply: AC 117 V, AC 220V, AC 230 V, AC 240 V (50/60Hz) Power Consumption: 125 W Accessories: Owner's Manual, Power Cord 			
	<ul style="list-style-type: none"> Power Consumption: 125 W Accessories: Owner's Manual, Power Cord 	<ul style="list-style-type: none"> Power Consumption: 75 W Accessories: Owner's Manual, Power Cord 	<ul style="list-style-type: none"> Power Consumption: 55 W Accessories: Owner's Manual, Power Cord 	

SP Series																																																					
<p>SP-404  P39</p> <p>Sampler Section ■ Maximum Polyphony: 12 voices ■ Internal Memory: Samples=24 (12 samples x 2 banks) *Including Pre-loaded Samples, Patterns=24 (12 patterns x 2 banks) *Including Pre-loaded Patterns ■ Memory Card (CompactFlash): Samples=96 (12 samples x 8 banks), Patterns=96 (12 patterns x 8 banks) ■ Sampling Frequency: 44.1 kHz ■ Data Format: SP-404 original format (WAV/AIFF import/export possible) ■ Sampling Mode: STANDARD/ LO-FI ■ Sample Edit: Start Point, End Point, Level, Truncate ■ Signal Processing: AD Conversion=24 bits, DA Conversion=24 bits</p> <p>Effects ■ 29 types</p> <p>Sequencer ■ Pattern Sequencer: Maximum recordable notes=Internal Memory: Approx. 8,000 notes (Including Pre-loaded Patterns) ■ Memory Card (CompactFlash): Approx. 8,000 notes ■ Resolution: 96 ticks per quarter note ■ Pattern Length: 1 to 99 measures ■ Recording method: Realtime Loop Recording (with quantize function)</p> <p>Connectors ■ LINE INPUT Jacks (L, R), LINE OUTPUT Jacks (L, R), Headphones (PHONES) Jack (Stereo 1/4" phone type), MIC Jack, MIDI IN Connector, AC Adaptor Jack, Memory Card Slot (CompactFlash)</p> <p>Size and Weight ■ Size: 178 (W) x 257 (D) x 72 (H) mm (7" x 10-1/8" x 2-7/8") ■ Weight: 1.3 kg (2 lbs. 14 oz.)</p> <p>Others ■ Display: 7 segments, 3 characters (LED) ■ Onboard Mic: Mono x 1 ■ Power Supply: DC 9 V (Dry Battery LR6 (AA) type x 6 or AC Adaptor) ■ Current Draw: 300 mA ■ Expected battery life under continuous use: Alkaline: 6 hours * These figures will vary depending on the actual conditions of use. ■ Accessories: Owner's Manual, AC Adaptor (PSB-1U) ■ Maximum Sampling Time (mono, approx.)</p> <table border="1"> <thead> <tr> <th rowspan="2">Mode</th> <th rowspan="2">Internal Memory</th> <th colspan="5">Memory Card</th> </tr> <tr> <th>32 MB</th> <th>64 MB</th> <th>128 MB</th> <th>256 MB</th> <th>512 MB</th> </tr> </thead> <tbody> <tr> <td>STANDARD</td> <td>5 min.*</td> <td>12 min.</td> <td>24 min.</td> <td>48 min.</td> <td>96 min.</td> <td>193 min.</td> </tr> <tr> <td>LO-FI</td> <td>11 min.*</td> <td>24 min.</td> <td>48 min.</td> <td>96 min.</td> <td>193 min.</td> <td>386 min.</td> </tr> </tbody> </table> <p>*Including Pre-loaded Samples</p>	Mode	Internal Memory	Memory Card					32 MB	64 MB	128 MB	256 MB	512 MB	STANDARD	5 min.*	12 min.	24 min.	48 min.	96 min.	193 min.	LO-FI	11 min.*	24 min.	48 min.	96 min.	193 min.	386 min.	<p>SP-555  P40</p> <p>Sampler Section ■ Maximum Polyphony: 12 voices ■ Internal Memory: 32 (16 samples x 2 banks) *Including Pre-loaded Samples ■ Memory Card: 128 (16 samples x 8 banks) ■ Sampling Frequency: 44.1 kHz ■ Data Format: SP-555 original format (WAV/AIFF import/export possible) ■ Sampling Mode: STANDARD, LO-FI ■ Signal Processing: AD Conversion=24 bits, DA Conversion=24 bits ■ Loop Capture: Maximum recording time=Approx. 15 sec.</p> <p>Effects ■ 37 types</p> <p>Sequencer ■ Pattern Sequencer: Maximum recordable notes=Internal Memory: Approx. 8,000 notes (Including Pre-loaded Patterns) ■ Memory Card (CompactFlash): Approx. 8,000 notes ■ Resolution: 96 ticks per quarter note ■ Pattern Length: 1 to 99 measures ■ Recording method: Realtime Loop Recording (with quantize function)</p> <p>Connectors ■ LINE INPUT Jacks (L, R) (RCA phono type), LINE OUTPUT Jacks (L, R) (RCA phono type), Headphones (PHONES) Jack (Stereo 1/4" phone type), MIC Jack (1/4" phone type/ XLR type, Hi-Z, phantom power), Pedal Jack (1/4" phone type), MIDI Connector (IN, OUT), USB Connector (supports USB MIDI and USB Audio), AC Adaptor Jack, Memory Card Slot (CompactFlash)</p> <p>Size and Weight ■ Size: 280 (W) x 264 (D) x 74 (H) mm (11-1/16" x 10-7/16" x 2-15/16") ■ Weight: 1.8 kg (4 lbs.)</p> <p>Others ■ Display: 7 segments, 3 characters (LED) ■ Controllers: Control Knobs x 3, D Beam Controller ■ Pads: 16 with velocity sensitivity ■ Onboard Mic: Mono x 1 ■ Power Supply: DC 9 V (AC Adaptor) ■ Current Draw: 800 mA ■ Memory Card: CompactFlash Type 1, 32 MB to 2 GB compatible ■ Patterns: Internal Memory: 32 (16 patterns x 2 banks) *Including Pre-loaded Patterns, Memory Card: 128 (16 patterns x 8 banks) ■ Accessories: CD-ROM x 2 (SONAR LE, WAVE CONVERTER/USB DRIVER), AC Adaptor, Owner's Manual, Quick Start Guide ■ Maximum Sampling Time (mono, approx.)</p> <table border="1"> <thead> <tr> <th rowspan="2">Mode</th> <th rowspan="2">Internal Memory</th> <th colspan="5">Memory Card</th> </tr> <tr> <th>128 MB</th> <th>256 MB</th> <th>512 MB</th> <th>1 GB</th> <th>2 GB</th> </tr> </thead> <tbody> <tr> <td>STANDARD</td> <td>11 min.*</td> <td>48 min.</td> <td>96 min.</td> <td>193 min.</td> <td>386 min.</td> <td>772 min.</td> </tr> <tr> <td>LO-FI</td> <td>22 min.*</td> <td>96 min.</td> <td>193 min.</td> <td>386 min.</td> <td>772 min.</td> <td>1,544 min.</td> </tr> </tbody> </table> <p>*Including Pre-loaded Samples</p>	Mode	Internal Memory	Memory Card					128 MB	256 MB	512 MB	1 GB	2 GB	STANDARD	11 min.*	48 min.	96 min.	193 min.	386 min.	772 min.	LO-FI	22 min.*	96 min.	193 min.	386 min.	772 min.	1,544 min.
Mode			Internal Memory	Memory Card																																																	
	32 MB	64 MB		128 MB	256 MB	512 MB																																															
STANDARD	5 min.*	12 min.	24 min.	48 min.	96 min.	193 min.																																															
LO-FI	11 min.*	24 min.	48 min.	96 min.	193 min.	386 min.																																															
Mode	Internal Memory	Memory Card																																																			
		128 MB	256 MB	512 MB	1 GB	2 GB																																															
STANDARD	11 min.*	48 min.	96 min.	193 min.	386 min.	772 min.																																															
LO-FI	22 min.*	96 min.	193 min.	386 min.	772 min.	1,544 min.																																															

SONAR LE 	
Maximum Available Tracks	■ Audio Tracks=64 Tracks, MIDI Tracks=256 Tracks
Maximum Bus	■ 16 Buses
Number of Audio Record/Playback channels	■ 8 channels* (Full Duplex) *Depending on the computer you are using, you may be unable to obtain sufficient performance.
Maximum Resolution/ Sampling Frequency	■ Up to 24-bit/192 kHz
Maximum Available Synth/Effects	■ Synth=8, Audio Effects=24, MIDI Effects=12
System Requirements	■ OS: Microsoft® Windows Vista®/Windows XP ■ CPU/Clock: Intel® Pentium® 4 1.3 GHz or AMD Athlon™ XP 1500+ ■ Memory: 256 MB RAM ■ HDD Space: 100 MB free hard disk space ■ VGA: 1024 X 768/16-bit color ■ CD-ROM drive (for installation) Required

* SONAR LE is a special version that's available with bundled products and not sold separately.

MC-808 	
Sound Generator Section	■ Maximum Polyphony: 128 voices (shared with the sampling section) ■ Parts: 16 (Main) + 16 (RPS) ■ Data Format: 16-bit linear (File Type WAV/AIFF) ■ Sampling Frequency: 44.1 kHz ■ Maximum Sampling Time: When sampling memory isn't expanded (4 MB) mono=47 sec. approx., stereo=23.5 sec. approx., When sampling memory is expanded with DIMM (516 MB) mono=102 min. approx., stereo=51 min. approx. ■ Samples: User=2,000, Card=7,000 ■ Waves: 622 ■ Patches: User=1,024 (pre-load: 896), Card=1,024 ■ Rhythm Set: User=256 (pre-load: 128), Card=256
Sequencer Section	■ Parts: 16 + Tempo/Mute Control ■ Resolution: 480 ticks per quarter note ■ Tempo: 5 to 300 ■ Maximum Note Storage: approx. 1,300,000 notes ■ Patterns: User=800, Card=800 ■ Recording Mode: Realtime, TR-REC, Step ■ Songs: 50 ■ Arpeggio Style: 128 ■ Chord Memory: 128 ■ RPS Set: 50 ■ Pattern Set: 50
Connectors	■ MIX OUTPUT Jack (L (MONO), R), DIRECT 1 OUTPUT Jack (L (MONO), R), INPUT Jack (L (MONO), R), Headphones Jack, MIDI Connectors (IN/OUT), USB Connector (USB MIDI, Mass Storage Class), DC IN
Size and Weight	■ Size: 431 (W) x 327 (D) x 104 (H) mm (17" x 12-7/8" x 4-1/8") ■ Weight: 3.4 kg (7 lbs. 8 oz.)
Others	■ Sampling Section: Maximum Polyphony=shared with the sound generator section, Sampling Frequency=44.1 kHz (fixed) ■ Effects Section: Reverb=1 (4 types), Compressor=1 (1 type), Multi-effects (MFX)=2 (MFX1, 2=47 types), Pitch Shifter (for external input)=1 (1 type) ■ Mastering Section: 3-bands Compressor=1 (1 type) ■ Expansion Slot: Sampling Memory Expansion=DIMM 1 slot, Number of pins=168-pin, Speed=100 MHz (PC100 CL=2), 133 MHz (PC133 CL=3), Voltage=3.3 V, Capacity=128 MB, 256 MB, 512 MB, Board height=38 mm or less ■ External Memory: For saving Pattern/Patch/Sample, CompactFlash card=1 slot, Compatible up to 1 GB (3.3 V) ■ Controllers, Display: Display=20 x 2 character Type LCD (with Back lit.), Pattern Number Display=7 segment 3 character x 2 (LED), BPM Display=7 segment 4 character (LED), Control Knob: OUTPUT Volume=1, INPUT Volume=1, Control Slider Motorized Fader (60 mm) x 8 (touch sensitive), Other Controller=D Beam Controller ■ Power Supply: DC 12 V (AC adaptor) ■ Current Draw: 1,500 mA ■ Accessories: Owner's Manual, Sound & Parameter List, AC Adaptor (PSB-3U, Power Cord), CD-ROM (Editor, USB MIDI Driver)

MV-8800 	
Sampler Section	■ Maximum Polyphony: 64 voices ■ Parts: 16 (Instruments) + 9 (Audio Tracks) + 1 (Audio Phrases) ■ Audio Data Format: 16-bit linear ■ Sampling Frequency: 44.1 kHz (fixed) ■ Wave Memory (RAM): DIMM=1 slot (168 pins, PC100 CL=2 or PC133 CL=3, 3.3 V, 128 MB, 256 MB, 512 MB), 128 MB (standard), Expandable up to 512 MB (replacement to 512 MB DIMM is required.) ■ Maximum Sampling Time: with 128 MB DIMM (standard) mono=24 min. approx. (stereo=12 min. approx.)/with 512 MB DIMM (expanded) mono=100 min. approx. (stereo=50 min. approx.) ■ Effects: Multi-effects (MFX)=1 (25 types), Chorus=1 (2 types), Reverb=1 (4 types), Mastering Tool Kit=1 (only in the Mastering Mode)
Sequencer Section	■ Tracks: Song=MIDI tracks (1 MIDI channel per track): 128, Audio tracks: 8, Pattern track: 1, Tempo track: 1, Mute Control Track: 1/Pattern=MIDI tracks (1 MIDI channel per track): 64, Audio track: 1, Mute Control Track: 1 ■ Resolution: 480 TPQN ■ Tempo: 5 to 300 ■ Note Capacity: approx. 150,000 notes ■ Song Length: 9,999 measures ■ Recording Method: Event recording (Realtime/Step), Audio recording
Connectors	■ Phono Input Jacks (L, R) (RCA phono type), MIC/Line Input Jacks (L, R) (1/4" TRS phone type), Master Output Jacks (L, R) (1/4" TRS phone type), Headphone Jack (Stereo 1/4" phone type), Digital Out Connector A (Coaxial type), Digital Out Connector B (Optical type), MIDI Connectors (IN, OUT A, OUT B, USB Connector) (supports file transfer (mass storage class)), VGA Out Connector (HD DB-15 type), PS/2 Mouse Connector (6-pin mini DIN type), Foot Switch Jack (1/4" phone type), AC Inlet *When installed MV8-OP1 Audio I/O Expansion (option), Analog Multi Output Jacks: 1 to 6 (1/4" TRS phone type), Digital In Connector A (Coaxial type), Digital In Connector B (Optical type), R-BUS Connector (DB-25 type)
Size and Weight	■ Size: 480 (W) x 482 (D) 136 (H) mm (18-15/16" x 19" x 5-3/8") ■ Weight: 9.0 kg (19 lbs. 14 oz.)
Others	■ Project: Songs=16, Patterns=500, Patches=16 (per Song), Partials=96 (16 pads x 6 banks per Patch), Samples=9,999, Audio Phrases=512 (16 pads x 32 banks)/Patch Libraries=128, MIDI Clips=100, Multi-effects (MFX) Libraries=144 (Preset: 44, User: 100), Chorus Libraries=52 (Preset: 2, User: 50), Reverb Libraries=54 (Preset: 4, User: 50), Mastering Tool Kit Libraries=76 (Preset: 26, User: 50)/Still Images (Photos) for Pix Jam Function=16 ■ Signal Processing: AD Conversion=24 bits, 64 times oversampling/DA Conversion=24 bits, 128 times oversampling ■ Frequency Response: MIC/Line Inputs=20 Hz to 20 kHz (+0/-2 dB) ■ Nominal Input Level: MIC/Line Inputs=-50 to +14 dBu (maximum +26 dBu: balanced, maximum +20 dBu: unbalanced), Phono Inputs=-87 to -27 dBu ■ Input Impedance: MIC/Line Inputs=40 kΩ, Phono Inputs=50 kΩ ■ Nominal Output Level: +4 dBu (balanced) ■ Output Impedance: 600 Ω ■ Recommended Load Impedance: Master Outputs=10 kΩ or greater, Headphones=8 to 600 Ω ■ Residual Noise Level: -86 dBu or less (SENS: LINE, Phono Input Jacks: short-circuited, IHF-A Typ.) ■ Display: Graphic 320 x 240 dots backlit LCD (Color) ■ Pads: 16 Pads, Velocity and Aftertouch sensitive ■ Controllers: Effects Control Knobs=C1 to C3, Mixer Sliders=1 to 8 ■ Hard Disk Drive: 2.5", 40 GB ■ CD-R/RW Drive: Built-in type (CD-DA, CD-ROM, CD-R, CD-RW) ■ Power Supply: AC 115 V, AC 117 V, AC 220 V, AC 230 V, AC 240 V (50/60 Hz) ■ Power Consumption: 35 W ■ Operating Temperature: 5 to 40 degrees Celsius/41 to 104 degrees Fahrenheit ■ File Format Compatibility: <Import>=[From CD-ROM] audio CD, WAV/AIFF, ACIDized file, S-700 (Sample, Partial, Patch), AKAI MPC2000 (Program file (.PGM), Sound file (.SND)), AKAI S1000/3000 (Program, Sample), SMF (format 0/1), Still Image (.BMP/JPG), MV-8000 Patch, MV-8000 Project (backup data), [From PC/Mac via USB] WAV/AIFF, ACIDized file, AKAI MPC2000 (Program file (.PGM), Sound file (.SND)), SMF (format 0/1), Still Image (.BMP/JPG), MV-8000 Patch, MV-8000 Project <Export>=[To CD-R/RW] audio CD, [To PC/Mac via USB] MV-8800 Sample, Audio Phrase (in WAV/AIFF), MV-8800 Song, Pattern (in SMF (format 1)) ■ Accessories: Owner's Manual, Screen Guide, Appendices, Booklet "Content Discs", Content Discs (CD-ROM), Mouse (PS/2), Mouse Pad, Power Cord, Short Pin

SUPERNATURAL

SuperNATURAL™ is a Roland-exclusive technology that captures the vivid, realistic sound changes and unique playing characteristics inherent in acoustic and electric musical instruments. Responding to a player's delicate, emotional performance techniques, SuperNATURAL provides natural, organic expression that has not been possible until now, pushing the creative powers of electronic musical instruments into a new dimension.

IVORY FEEL

The "Ivory Feel" feature reproduces the real surface feel of ivory acoustic piano keys providing a familiar stability and comfort to the pianist. The white keys have a 2-piece structure which reduces the surface "click" noise when playing while also providing the authentic coloration on the side. The newly developed keyboard surface material is designed to absorb moisture, ensuring a secure, slip-proof feel that your fingers will love.

COSM

Once a musical instrument generates sound vibrations, it reaches the human ear through various mediating objects, each of which significantly affects the sound. The material and configuration of the instrument, the electric/magnetic amplifying system, the air and the reverberation of the room all affect the final sound. Sound modeling, the latest DSP technology, "virtually" reconstructs these objects. Roland's breakthrough Composite Object Sound Modeling (COSM) uses the advantages of multiple modeling methods and succeeds in accurately emulating existing sounds, as well as producing sounds that have never before been created.

PHA II

PHA II (Progressive Hammer Action II) Keyboard is a next-generation keyboard mechanism that faithfully recreates the natural touch and playing performance of a full concert grand piano. The keyboard employs real hammers rather than springs, and it has realistic touch resistance — lighter when playing soft pianissimo passages and stronger on fortissimo passages. Keys for low notes are more heavily weighted. As you move up the keyboard, the key weight becomes progressively lighter, just like a grand piano.

V-LINK

Using V-LINK, musicians can "play" video from their electronic instrument — or even control a live video camera — when used with Edirol video products. With V-LINK, musicians have a powerful interface for realtime audio and video integration.

PHA alpha II

Designed for Roland's streamlined digital pianos, the PHA alpha II (Progressive Hammer Action alpha II) was developed under the same design philosophy of acclaimed PHA II Keyboard. The hammer unit of keyboard-action mechanism itself is much more compact and lightweight, making it suitable for smaller pianos. The feel and playability, with its natural touch response, is similar to the regular PHA II Keyboard.

D BEAM

The D BEAM Controller uses an infrared beam of light to send various controller changes depending on the function selected.

GENERAL MIDI 2

GM2 (General MIDI System Level 2) is a set of standards for editing voices not covered by GM1. GM2 also defines the operation specifications of effects and other elements in detail, and enables more sophisticated performance expression and greater compatibility by expanding the range of voices.

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 itself or on devices that bear the VIMA TUNES, plus computers installed with the VIMA TUNES PLAYER.

SMF LYRICS

"SMF with Lyrics" refers to Standard MIDI Files that contains lyrics. When music files carrying the "SMF with Lyrics" logo are played back on a compatible device (one bearing the same logo), the lyrics will appear in its display.



Roland
Synthesizers/Keyboards &
Groove Gear Catalog 2008