

Roland



ROLAND PIANO
DIGITAL

LX-15

New Dimensions in Piano Sound and Enjoyment. Roland's LX-15 digital piano.

Featuring the very best piano sounds and expressive touch
inspired by Roland's flagship V-Piano Grand,
the LX-15 brings world-leading digital technology to a beautiful upright piano format.
Compact and practical, graceful and elegant.
The classy-yet-compact LX-15 combines Roland's latest technologies
for a natural, organic, all-around piano experience.
Enjoy perfect piano sound, touch, and response delivered through an amazing
multi-dimensional sound system — and all from within a graceful, space saving cabinet.
The Roland LX-15 has arrived!

*Super***NATURAL**
Piano

Natural and rich piano tones
— true, organic musical expression.

 **Acoustic
Projection**

A multi-dimensional soundfield
for the ultimate listening experience.



LX-15

Experience the joy of world-class piano sound and touch.



Sound

The LX-15 combines natural, pure piano tone with a state-of-the-art SuperNATURAL Piano sound engine to provide true, organic expression. The rich, resonant tone is a product of Roland's newly developed multi-dimensional sound system, which is akin to playing a real acoustic grand piano. Enjoy the feeling of being engulfed in sound as you play.



Touch

Equipped with Roland's most advanced piano-action mechanism, the LX-15's keyboard is capable of translating the complete range of nuance and dynamics from the performer — from whisper soft to full strength. This keyboard delivers the playing feel, fast key repetition, and expression of authentic grand pianos.

The magic of music at your fingertips.



Design

The entire cabinet has a brilliant, mirror-like sheen, with classy curves that give it an elegant upright piano style. It has a feeling of stateliness and yet is compact. The appearance is fit for its superb piano sounds, giving the owner a sense of pride and satisfaction.



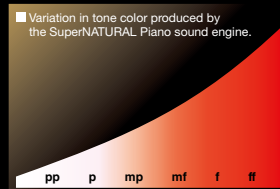
Digital Advantages

Our goal was to provide access to great sound anytime, and with the convenience and advantages of digital technology — tuning stability, headphone compatibility, volume control ability, and much more.

Sound/Touch

Discover the vibrant, immersive sound of the LX-15.

Equipped with our acclaimed "SuperNATURAL Piano Sound Engine," the LX-15 has been designed to deliver the very best piano sounds. This was created through a marriage of an 88-key stereo multi-sampled sound engine and the award-winning technology used in our V-Pianos. The result is a stunningly faithful reproduction of the differences in tone and resonance between each individual key on the keyboard. The tones vary in a continuous fashion depending on how hard you play, delivering a soft and rounded tone when played gently, and a powerful tone when played strongly. The LX-15 also reproduces the beautiful sustain of the sound that naturally transforms into a smooth decay. This lets you enjoy smooth, dynamic performances that are true to acoustic grand pianos.



*The graph is an artistic illustration.

Rich resonance and a multi-dimensional sound field true to acoustic pianos.

The unique sound space that is created when you play an acoustic piano — the resonance between strings and the resonance from the piano's frame or body — is realized through a complex and yet harmonious combination of a variety of elements. The LX-15 creates this realistic sound space through "Acoustic Projection" technology, which marries the multi-dimensional sound system found in our flagship V-Piano Grand with the SuperNATURAL Piano sound engine.

The LX-15 comes with six specially designed speakers. The speakers are strategically located to project each element in its natural position, from the resonant tones emanating from the top that engulf the player (Spatial speakers) to the direct and dynamic sounds that the player senses as the hammer hits the strings (Nearfield speakers), as well as the resonant and dynamic lows that are produced near the player's feet (Cabinet speakers).

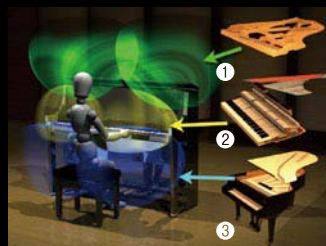
The sound elements from each speaker are intelligently blended to reproduce the true soundfield of an acoustic piano, resulting in a natural, multi-dimensional listening experience.

Characteristics of the LX-15's different speakers.

① **Spatial speakers:** These speakers create a unique sense of sound space in which the player is engulfed from above by a variety of vibrant and ambient sounds, including resonance that is created by the piano's frame or when a damper pedal is pressed. By opening the top lid, you can further enrich the sonic projection.

② **Nearfield speakers:** These produce direct and dynamic sounds that the player will hear most directly, including string resonance and noise elements that are created from keyboard movements. This gives the player a more realistic sense of response.

③ **Cabinet speakers:** These speakers support the entire sound with dynamic lows and power from the soundboard and cabinet resonance.



Every note is expressed with exquisite tonal clarity.

The "Piano Designer" feature lets you customize tones through fine adjustments to the resonance between strings and other tonal nuances. It also includes a Soundboard Behavior function. This combination faithfully reproduces the behavior of the soundboard, which produces subtle differences in harmonic make-up and resonance depending on factors such as the number of notes played and chord-note intervals. As a result, the LX-15 reproduces clear and natural harmony akin to a well-tuned acoustic piano even when many notes are played at once. Each note is well defined and clear.

Play classical piano masterpieces using the authentic sounds they were written for. The LX-15 comes with true fortepiano tones.

Piano technology has slowly but steadily progressed over its long history. In addition to providing a wide range of contemporary pianos, the LX-15 also houses sounds from the origin of pianos, harpsichord, and fortepiano. Play an early piece using one of these delicate tones and enjoy a refreshingly different and authentic experience than with a contemporary piano sound. You can also enjoy playing pieces by Beethoven, early Chopin, and Liszt using a fortepiano tone, and experience these masterpieces in their true form.



Example of a fortepiano. John Broadwood and Sons (London), c.a. 1802, 85 keys, English action, FF-C, A=408Hz. Fortepiano photo courtesy of the Hamamatsu City Museum of Musical Instruments.

The keyboard fully expresses your passion for playing.

The LX-15 is equipped with Roland's flagship PHAIII (Progressive Hammer Action III) Ivory Feel keyboard (with escapement). This keyboard faithfully reproduces the sensation of the keys sinking in naturally when played gently, and providing a solid response when hit forcefully. With fast key-repetition and sensitivity, the keyboard translates into sound the subtle differences in tone from different playing styles and the force at which they are played. The keys are finished with material that provides moisture-absorbing properties, resulting in a keyboard with the natural texture and tactile sensation of real ivory and ebony. These keys feel great on the fingers and are very comfortable to play. The white keys are made of a two-piece construction consisting of a combination of base and surface materials, creating an appearance that is true to the keys of a real acoustic piano.



The LX-15's pedals support expressive playing techniques.

The LX-15 is equipped with "Progressive Damper Action Pedals," which have light resistance at the beginning of the stroke and more resistance the instant they begin to take effect, just like real acoustic pianos. This makes it easy for the performer to know when the pedals begin to take effect, and also allows half-pedal techniques for subtle control of aftertones and resonance. As for the damper and soft pedals, the degrees to which they are pressed are detected in a smooth, step-less fashion. This lets players create subtle pedal-based playing expressions.



Design/Extras

The form of a premium acoustic piano.

The LX-15's elegant form incorporates the curves that are found in the styling of traditional upright pianos. With its beautiful black mirror finish, and with its lid closed, the LX-15 is nothing less than a premium acoustic piano. While it has a space-saving depth of only 47 cm, this piano is imbued with a sense of presence. You can see your fingers mirrored on the keyboard lid, and you can use the top portion as a sheet-music holder. This is a superb design for both appearance and functionality. For safety, the lid closes slowly when you let go of it. And not only for aesthetic pleasure, the top lid also provides variations in tone just as the lid of a grand piano does.



Enjoy the digital advantages, including never having to tune.

Since it's digital, the LX-15 never needs to be tuned, so you can enjoy perfect piano sounds year round. It also comes with a range of functions that are useful for practicing, including a recorder on which you can record your own performance, a metronome, and a Twin Piano function where you can split the keyboard into two areas so two players can play side by side in the same register. The AB Repeat feature is also great for your practice/training sessions, especially when using the onboard lesson songs, as it lets you practice designated parts repeatedly. The LX-15 offers eight types of tunings, including equal temperament. You can adjust its volume to suit the room you are playing in, and can also use headphones for private practice day or night. Another digital advantage is that it is lightweight, compact, and relatively easy to transport.

Built-in songs expand your range of enjoyment on the piano.

The LX-15's built-in song library is stocked with classical masterpieces (including Czerny and Hanon etudes) that you can use as learning material as well as practice pieces. The LX-15 can also play WAV and Standard MIDI files that you have stored on your CD **1 or USB memory stick. With built-in songs and MIDI files, you can change the key and tempo, and even play different parts individually. Also, you can change the key and tempo of music CD tracks and WAV files, so you can enjoy learning or performing along with music files or your favorite CD recordings.

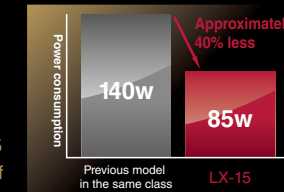
**1 Optional USB CD drive (CD-01A) required for playback.



Environmentally-conscious design.

The LX-15 was designed not only with piano quality in mind, but the environment as well. Its maximum power consumption is just 85 W, which represents an approximate 40 % reduction in power consumption compared to the previous model, and with enhanced volume and sound pressure! When used under normal conditions in a typical household, power consumption is around 38 W*. The LX-15 also has an auto-off function that, when activated, can turn power off after a certain amount of specified non-activity.

* Based on measuring methods defined by Roland



LX-15



Specifications

Keyboard	88 keys (PHA III Ivory Feel Keyboard with Escapement)	SMF Recorder	Tracks	3 tracks	Playable Song Format	Standard MIDI Files (Format 0/1), Roland Original Format (i-Format), Audio File (WAV 44.1 kHz/16-bit linear format), Audio CDs (CD-DA) (when using optional CD drive)
Touch Sensitivity	Key Touch: 100 types/Fixed Touch, Hammer Response: Off, 10 levels	Key Save Format	Songs	Recorder section: 1 song, Internal Memory: Max. 99 songs	Song Save Format	Standard MIDI Files (Format 0), Audio File (WAV 44.1 kHz/16-bit linear format)
Keyboard Modes	Whole, Dual (volume balance adjustable), Split (split point adjustable), Twin Piano	Note Storage	Controls	Approx. 30,000 notes	Other	
Pedals	Damper (Progressive Damper Action Pedal, capable of continuous detection), Soft (capable of continuous detection), Sostenuto (function assignable)	Tempo	Resolution	Quarter note= 10 to 500	Internal Songs	Piano Masterpieces: 75 songs, Hanon: 20 songs, Czerny #100: 100 songs
Sound Generator	Conforms to GM2/GS/XG Lite	Resolution	Audio/Audio CDs	120 ticks per quarter note	Rated Power Output	60 W x 2, 20 W x 2
Piano Sound	SuperNATURAL Piano Sound	Playback	Recording (with Keyboard, SMF data, Audio from Input jacks)	File Format: Audio File (WAV 44.1 kHz/16-bit linear format), Audio CDs (CD-DA) (when using optional CD drive)	Volume Level (SPL)	110 dB *1
Max. Polyphony	128 voices	Transpose	Transpose	Playback Transpose (with Audio from Input jacks): -6 – +5 (in semitones)	Speakers	Cabinet Speakers (16 cm x 2 with Speaker box), Nearfield Speakers (5 cm x 2), Spatial Speakers ((8 cm x 12 cm) x 2)
Tones	Grand Piano: 10 tones, Early Piano: 6 tones, E. Piano: 10 tones, Strings: 14 tones, Other: 307 tones (including 8 drum sets, 1 SFX set)	Tempo	Tempo	Audio Playback Speed: 75 – 125 %	Display	Graphic monochrome LCD 122 x 32 dots (with backlight)
Temperament	8 types, selectable Temperament Key	Controls	Internal Memory	Songs	Language	English
Stretched Tuning	Preset, User tuning (adjustable in individual notes: -50.0 – +50.0 cent), Off	Internal Memory	Songs	Max. 99 songs	Control	Volume (Slider)
Master Tuning	415.3 Hz – 466.2 Hz (adjustable in increments of 0.1 Hz)	Song Save Format	Song Save Format	Standard MIDI Files (Format 0)	Other Functions	Panel Lock, MIDI Visual Control
Transpose	Key Transpose: -6 – +5 (in semitones), Playback Transpose: -6 – +5 (in semitones)	External Memory	External Storage	USB Flash Memory	Connectors	AC inlet, Pedal connector, Input jacks (L/Mono, R), RCA phono type, Output jacks (L/Mono, R): 1/4-inch phono type, USB COMPUTER connector, USB MEMORY connector, MIDI connectors (In, Out), Phones jack (Stereo, with Twin Piano Individual Mode) x 2: Stereo 1/4-inch phono type
Effects	Ambience (Off, 10 levels), Brilliance (-10 to 0 to 10) [Only for Piano Tones (Piano Designer)] Open/close lid (7 levels), Soundboard Behavior (Off, 10 levels), Cabinet Resonance (Off, 10 levels), Hammer Noise (5 levels), Damper Noise (Off, 10 levels), Duplex Scale (Off, 10 levels), Damper Resonance (Off, 10 levels), String Resonance (Off, 10 levels), Key Off Resonance (Off, 10 levels) [Only for Organ Tones] Rotary Speaker Effect (Slow/Fast)				Power Consumption	38 W (36 W – 85 W) *2
Metronome					Dimensions (including piano stand)	(with top lid closed) 1,408 (W) x 472 (D) x 1,070 (H) mm; 55-7/16 (W) x 18-5/8 (D) x 42-1/8 (H) inches, (with top lid open) 1,408 (W) x 483 (D) x 1,128 (H) mm; 55-7/16 (W) x 19-1/16 (D) x 44-7/16 (H) inches
Tempo	Quarter note= 10 to 500				Weight (including piano stand)	91 kg; 200 lbs 10 oz
Beat	2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8				Accessories	Owner's Manual, Power Cord, Headphone Hook *3
Volume	11 levels					

*1 This figure was measured according to the method that is based on Roland's technical standard. *2 The first figure is an average derived when the LX-15 is played with its volume knob set at the center position. The figures in brackets (36 W – 85 W) indicate the range of variable power consumption based on the position of volume knob or conditions of your performance. Those figures are measured using Roland's own technical standard. *3 Supplied with the stand.

Internal Song List

Masterpiece	Sonata No.15 (Mozart) Liebesträume 3 Étude, op.10-3 Je te veux Valse, op.64-1 Golliwog's Cakewalk Fantaisie-Impromptu Arabesque 1 An der schönen, blauen Donau Auf Flügeln des Gesanges Mazurka No.5 Gymnopédie 1 Reflets dans l'Eau La Fille aux Cheveux de Lin La Campanella Scherzo No.2 Étude, op.10-12	La prière d'une Vierge Course en Troika To The Spring Valse, op.64-2 Radetzky Marsch Träumerei Moments Musicaux 3 Prélude, op.28-15 Harmonious Blacksmith Ungarische Tänze 5 Türkischer Marsch (Beethoven) Nocturne No.2 Frühlingslied Präludium Jägerlied Passopied Für Elise	Türkischer Marsch (Mozart) Ständchen Humoreske Blumenlied Alpenglöckchen Menuett G dur (Beethoven) Venezianisches Gondellied Alpenabendröte Farewell to the Piano Brautchor Forget-Me-Not Wiener Marsch Le Coucou Menuett G dur (Bach) Spinnerlied Gavotte Heidenröslein	Zigeuner Tanz La Cinquaine Csikos Post Dolly's Dreaming Awakening La Violette Fröhlicher Landmann Sonatine op.36-1 (Clementi) Sonatine op.20-1 (Kuhlau) Sonatine No.5 (Beethoven)
Sonate für Klavier Nr.23 1 Sonate für Klavier Nr.23 2 Sonate für Klavier Nr.23 3 Floral Pursuits Barcarolle Zavoronok Valse, op.34-1 Polonaise op.53 Nocturne No.20 Die Forelle Reflets dans l'Eau La Fille aux Cheveux de Lin La Campanella Scherzo No.2 Étude, op.10-12	Étude, op.10-3 Je te veux Valse, op.64-1 Golliwog's Cakewalk Fantaisie-Impromptu Arabesque 1 An der schönen, blauen Donau Auf Flügeln des Gesanges Mazurka No.5 Gymnopédie 1 Étude, op.25-1 Clair de Lune Étude, op.10-5 Dr. Gradus ad Parnassum Grande Valse Brillante	Türkischer Marsch (Mozart) Ständchen Humoreske Blumenlied Alpenglöckchen Menuett G dur (Beethoven) Venezianisches Gondellied Alpenabendröte Farewell to the Piano Brautchor Forget-Me-Not Wiener Marsch Le Coucou Menuett G dur (Bach) Spinnerlied Gavotte Heidenröslein	Zigeuner Tanz La Cinquaine Csikos Post Dolly's Dreaming Awakening La Violette Fröhlicher Landmann Sonatine op.36-1 (Clementi) Sonatine op.20-1 (Kuhlau) Sonatine No.5 (Beethoven)	
			Czerny 100	
			Czerny 100 (100 songs)	
			Hanon	
			Hanon (20 songs)	

Options

● Headphones RH-A30	● Headphones RH-300	● Headphones RH-L20
● Headphones RH-5	● USB Flash Memory M-UF2G	● USB CD Drive CD-01A

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

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

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



Tree-planting project in Indonesia

The wood used to make our digital-piano cabinets is imported from Indonesia. In 2008, Roland designated a 100-hectare area for tree planting, where the company has been planting trees for environmental purposes. The area contains a mixture of protected forest and trees designated for digital-piano-cabinet production. This reforestation project is expected to offset approximately 10,000 tons of CO2 over a period of 20 years.



Roland regards technologies that make effective use of limited energy resources as "Energy Saving Technology" and promotes development of environment-conscious electronic musical instruments that incorporate such technologies in any of the product categories.



Visit us online at www.Roland.com

Roland, , SuperNATURAL, and V-Piano are either registered trademarks or trademarks of Roland Corporation in the United States and/or other countries. All specifications and appearances are subject to change without notice.

Company names and product names appearing in this document are registered trademarks or trademarks of their respective owners. It is forbidden by law to make an audio recording, video recording, copy or revision of a third party's copyrighted work (musical work, video work, broadcast, live performance, or other work), whether in whole or in part, and distribute, sell, lease, perform, or broadcast it without the permission of the copyright owner. Do not use this product for purposes that could infringe on a copyright held by a third party. We assume no responsibility whatsoever with regard to any infringements of third-party copyrights arising through your use of this product.

Printed in Japan Oct. 2011 RAM-4727 GR-UPR-S5

