

Digital Piano

RD-700NX



*Super***NATURAL**
Piano

SuperNATURAL Piano Sound and Sophistication

Roland marks a new RD-series milestone with the debut of the RD-700NX. This exquisite instrument raises the bar for onstage performance with its incredible sound, touch, and control. The flagship stage piano boasts an advanced SuperNATURAL Piano sound engine, electric piano sounds based on SuperNATURAL technology, a deluxe PHA III Ivory Feel Keyboard with Escapement, a unique Sound Focus feature, and a newly improved user interface with a large, high-resolution LCD. Whether your performances focus strictly on piano or a world of sound via master MIDI control, the RD-700NX is a dream instrument for the stage.

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SuperNATURAL Piano



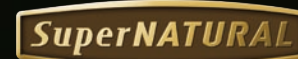
Grand Piano

The RD-700NX's acoustic piano sounds are derived from Roland's acclaimed SuperNATURAL Piano sound engine. There are three acoustic piano types onboard (Concert, Studio, and Brilliant) and 30 variations to choose from. With SuperNATURAL Piano technology, three essential elements are dramatically improved: velocity response, note decay, and key-range behavior. Where previous technology created coarse "stair-step" gaps in velocity and key range, and unnatural looping in note decay, SuperNATURAL Piano bridges the gaps with perfectly smooth and natural three-dimensional sound and response.

SuperNATURAL Piano

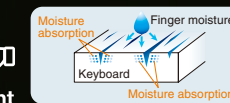
E. Piano

For EP lovers, the RD-700NX contains a SuperNATURAL-based electric piano that meticulously models vintage electric pianos from the 1960s, '70s, and '80s. Beyond standard EP modeling, SuperNATURAL technology enables completely new types of EP sounds to be created. You can change the position of the virtual pickups, for example, or exchange components of the sound-generating system entirely.



PHA III Keyboard

The RD-700NX's PHA III Ivory Feel Keyboard with Escapement offers maximum comfort, playability, and response. PHA III improves key repetition and perfectly conveys dynamic, velocity-based tonal changes. The escapement mechanism recreates the authentic "click feel" of a grand-piano keyboard, which particularly enhances expression when playing *pianissimo*. The keyboard also features Roland's acclaimed Ivory Feel, a comfortable and realistic moisture-absorbent material that prevents slipping from perspiration during performance. The authentic coloration of grand-piano keys can also be seen on the sides of the white keys.



Sound Focus

The RD-700NX's innovative Sound Focus feature provides a solution to a frustrating problem many piano players face onstage. Pianists want to play with full dynamics, from delicate *pianissimo* to aggressive *fortissimo*, which is the essence of piano performance. Unfortunately the subtleties of piano can easily get lost in loud band mixes, but with Sound Focus you can inject stunning presence into the instrument, even in band settings, without sacrificing dynamics and sound quality.



One-Touch Access

The popular One Touch Piano feature from previous RD-series pianos has been enhanced in the RD-700NX. It provides instant access to standard piano sounds and setups with the touch of a button. Three types of acoustic pianos and three types of electric pianos are now available for instant One Touch recall.



Sight & Sound

Along with the gorgeous grand pianos and EPs, hundreds of additional sounds are built into the RD-700NX: 242 tones, ten Tone Wheel organs, 256 GM2 tones, five rhythm sets, and nine GM2 rhythm sets in all. Sifting through the sound library is fast and convenient with the new, high-resolution LCD display, which provides clearer visibility and a beautiful graphical user interface.



Other Features

- Storage for 100 Live Sets (combinations of layers, zones, effects, and various tone parameters)
- Extensive multi-effects processing options
- Master MIDI control features plus four MIDI ports (MIDI in, MIDI out x2, MIDI out/thru)
- Balanced XLR outputs; USB ports for data storage and audio-play functionality



REAR PANEL



SPECIFICATIONS

Keyboard	■ 88 keys (PHA III Ivory Feel Keyboard with Escapement)
Sound Generator (Conforms to GM2)	■ Maximum Polyphony: 128 voices ■ Parts: Live Set (4 layers) + 16 parts ■ Sound Generator: SuperNATURAL Piano, SuperNATURAL (E.Piano), Virtual Tone Wheel Organ, PCM Sound Generator, GM2 (for SMF Playback) ■ Live Set: Preset (300), User (100) ■ Effects: Multi-Effects (2 x 4 systems, 84 types), Reverb (6 types), Chorus (3 types), 3-band Compressor, 4-band Digital Equalizer
SMF/Audio File Player	■ File Format: Standard MIDI File (format-0/1), Audio File (WAV (44.1 kHz, 16-bit linear)), MP3, Audio CDs (CD-DA) (when using optional CD drive)
Recorder	■ File Format: Audio File (WAV (44.1 kHz, 16-bit linear))
Connectors	■ OUTPUT (L/MONO,R) Jacks (1/4-inch phone type), BALANCED OUT (L,R) Jacks (XLR type), DAMPER Pedal Jack, Control Pedal Jacks (FC1, FC2), MIDI Connectors (IN, OUT1, OUT2, THRU/OUT3), USB Connectors (MIDI, Memory), PHONES Jack (Stereo 1/4-inch phone type), AC Inlet
Other	■ Rhythm Pattern: 200 patterns ■ Controllers: LAYER LEVEL slider x 4 (Assignable), EQUALIZER knobs, REVERB knob, CHORUS knob, COMPRESSOR knob, SOUND FOCUS knob, Pitch Bend/Modulation lever, S1/S2 Buttons (Assignable) ■ Display: 240 x 128 dots graphic LCD (with backlight) ■ Power Consumption: 12 W
Size / Weight	■ 1,444 (W) x 375 (D) x 148 (H) mm (56-7/8 x 14-13/16 x 5-7/8 inches) / 25.0 kg (55 lbs 2 oz)
Accessories	■ Owner's Manual, Damper Pedal (capable of continuous detection), Power Cord

OPTIONS

Keyboard Stand KS-G8 	Pedal Unit RPU-3 	Damper Pedal DP-10 	Pedal Switch DP-2 	Dual Footswitch FS-6 	Footswitch FS-5U
Expression Pedal EV-7 	Expression Pedal EV-5 	USB CD Drive CD-01A 	Stereo Headphones RH-300 	USB Flash Memory M-UF2G 	<small>* Use USB memory sold by Roland. We cannot guarantee operation if other products are used.</small>



The Supreme Piano for Stage Performance

http://www.roland.com/piano/SuperNATURAL_Piano.html

SuperNATURAL Piano

The newly developed SuperNATURAL Piano sound engine was born by bringing together V-Piano technology and 88-key stereo multisampling. This new sound engine is the result of Roland's deep research into the characteristics of acoustic pianos, with the goal of faithfully reproducing the rich tone and expression of a concert grand. Key advantages of SuperNATURAL Piano technology are seamless tonal variations according to touch, smooth and natural tone decay, and full dynamics in every single key.

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.

V-LINK

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

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.

PHA III

Roland's PHA III (Progressive Hammer Action III) Keyboard offers unmatched expression and performance authenticity, capable of transforming the most subtle finger nuances into sound. It also provides incredibly fast key-repetition action and perfectly conveys dynamic, velocity-based tonal changes.

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.

Escapement

For the ultimate authentic touch, Roland has designed the PHA III Keyboard with Escapement. When the keys are pressed slowly, the resistance increases and then suddenly relaxes. This escapement architecture reproduces the characteristic "click feel" of a grand piano. Roland's digital pianos that have the PHA III Keyboard with Escapement provide the most authentic piano touch available, and deliver each delicate nuance of your fingers perfectly and naturally, just like an acoustic grand.