Roland

ROLAND PIANO
DIGITAL
DP-Series

DP90S *SuperNATURAL Piano*

Gorgeous and Contemporary:
Polished White and Polished Ebony

PHAIII · IVORY FEEL · GENERAL midi2 · GS · XG XGlite · MIDI VISUAL CONTROL

DP90S-PW
Polished White finish

DP90S-PE
Polished Ebony finish

High-End, Compact Design

Compact yet feature-packed, the premium-class DP90S/90 models were designed in pursuit of perfection, with a stylish aesthetic, supreme sound quality and touch, and friendly functionality. With the best piano keyboard action and state-of-the-art piano sound engine onboard, the new DP pianos impress with their stylish, compact cabinets (approx. 30 cm depth) and surprisingly large speaker enclosures built-into the stand. Combining the best sound engine, best keyboard action, and best speaker system, the DP90S and DP90 offer world-class sound and performance in a space-saving format. The DP90S is available in two stunning, high-impact finishes: the brand-new polished white (PW) and contemporary polished ebony (PE). The DP90 is available in a classic medium cherry finish and satin black. On both models, the key-lid provides a flat, uncluttered surface when closed, and a stately, upright-piano-like music rest when opened. The lid closes slowly and safely even when released suddenly. The custom LCD is conveniently built into the sleek front panel, providing friendly access to the user interface. The slim, stylish appearance blends beautifully with any decor.

311 mm
12-1/4"

SuperNATURAL Piano Sound Engine

Equipped with the acclaimed SuperNATURAL Piano Sound Engine, the DP90S and DP90 deliver the world's best piano sounds realized through a marriage of an 88-key multi-sampled sound engine and the award-winning technology used in our V-Pianos. The result is a stunningly faithful reproduction of the tonal and resonant behavior of each individual key across the keyboard. The tone changes seamlessly and naturally based on touch, and the decay is smooth and natural with no artificial looping.

■ Variation in tone color produced by the SuperNATURAL Piano sound engine.

pp p mp mf f ff

*The graph is an artistic illustration.

DP90

SuperNATURAL Piano

Classy and Sophisticated:
Medium Cherry and Satin Black

IVORY FEEL S · GENERAL MIDI 2 · GS · XG XGlite · MIDI VISUAL CONTROL

DP90-MC
Medium Cherry finish

DP90-SB
Satin Black finish

Exquisite Clarity

The newly developed Soundboard Behavior function emulates the natural characteristics of string vibrations on the soundboard, and is not found on conventional sampling pianos. The technology can enhance sound clarity even when many notes are played simultaneously. Onboard Ambience and Damper Resonance effects are specially designed for the DP90/90S to achieve a wider sound field from the compact cabinet.

Historical Accuracy

In addition to the selection of onboard grand piano sounds, the DP90S and DP90 are equipped with an Early Piano category that contains four fortepiano variations and two harpsichord variations. The built-in historic temperaments are for performances with other classical instruments.

Fortepiano photo courtesy of the Hamamatsu City Museum of Musical Instruments.

Real-Feel Keyboard

The DP90S is equipped with Roland's flagship PHAIII Ivory Feel keyboard with Escapement. The DP90 contains an Ivory Feel-S keyboard with Escapement. With fast key-repetition and sensitivity, these keyboards faithfully translate into sound the subtle differences in tones 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.

*Both PHAIII and Ivory Feel-S keyboards feature a Progressive Hammer-Action design. The PHAIII has a two-piece construction; the Ivory Feel-S has a one-piece construction.

*PHAIII Ivory Feel Keyboard with Escapement

Pedals Support Expressive Playing Technique

The damper and soft pedals continuously detect the slightest differences in the amount that they are depressed, thus supporting a full range of pedal techniques. You'll hear subtle and natural changes in tone, for example, when the virtual damper is barely touching the virtual string. There are also variations in the sustain of a sound when you depress the pedal gradually. The pedals even support the most subtle techniques, such as depressing the pedal again after releasing it for an instant.

Purity, Performance, Convenience

The DP90S and DP90 never need to be tunes, so you can enjoy perfect piano sounds in any climate. You can adjust the volume your are playing, and can also use headphones for private practice day or night. Both pianos contain skill-building features such as the onboard metronome, USB recorder*, Twin Piano mode, AB Repeat, and flexible audio controls (Center Cancel, Transpose, and Tempo Change).

*USB memory is required for audio recording/playback. The DP90S/90 can record and play back your performances as SMF data and audio data.
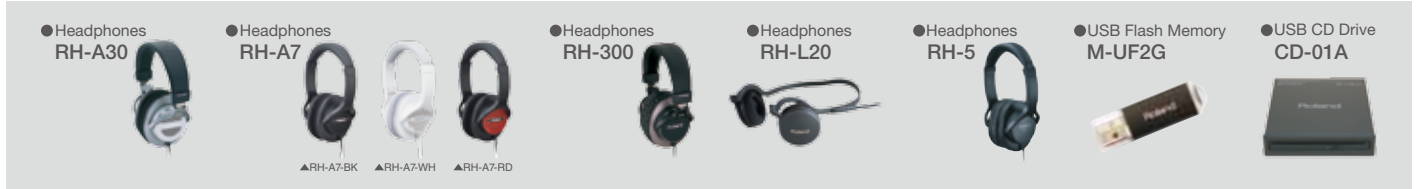
Environmentally Friendly Design

The DP90S and DP90 achieve low power consumption while still delivering high-impact performance. They also feature an Auto Off function, which, when activated, automatically switches the power off after a specified period of inactivity. Inactivity time is selectable from 10 minutes, 30 minutes (default), 240 minutes, and off.

DP90S/DP90 Control Panel

Options

| ●Headphones RH-A30 | ●Headphones RH-A7 | ●Headphones RH-300 | ●Headphones RH-L20 | ●Headphones RH-5 | ●USB Flash Memory M-UF2G | ●USB CD Drive CD-01A |

▲RH-A7-BK ▲RH-A7-WH ▲RH-A7-RD

Specifications DP90/DP90S

Keyboard		Audio/Audio CDs	
Keyboard	DP90S: 88 keys (PHA III Ivory Feel Keyboard with Escapement) / DP90: 88 keys (Ivory Feel-S Keyboard with Escapement)	Playback	File Format: Audio File (WAV 44.1 kHz/16-bit linear format, when using optional USB Flash Memory), Audio CDs (CD-DA) (when using optional CD drive)
Touch Sensitivity	Key Touch: 5 levels, Fixed Touch	Recording (with Keyboard, SMF data)	File Format: Audio File (WAV 44.1 kHz/16-bit linear format, when using optional USB Flash Memory)
Keyboard Modes	Whole, Dual (volume balance adjustable), Split (split point adjustable), Twin Piano	Transpose	Playback Transpose: -6 – +5 (in semitones)
Pedals		Tempo	Audio Playback Speed: 75 – 125 %
Pedals	Damper (capable of continuous detection), Soft (capable of continuous detection), Sostenuto (function assignable)	Controls	Song Select, Play/Stop, Rec, Rewinding, Fast-forwarding, Previous song, Next song, Tempo, All Songs Play, Song Balance, AB Repeat, Center Cancel
Sound Generator (Conforms to GM2 / GS / XG Lite)		**Internal Memory**	
Piano Sound	SuperNATURAL Piano Sound	Song Save Format	Standard MIDI Files (Format 0)
Max. Polyphony	128 voices	Songs	Max. 99 songs
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)	**External Memory**	
		External Storage	USB Flash Memory
Temperaments	8 types, selectable temperament key	Playable Song Format	Standard MIDI Files (Format 0, 1), Roland Original Format (i-Format), Audio File (WAV 44.1 kHz/16-bit linear format, when using optional USB Flash Memory), Audio CDs (CD-DA) (when using optional CD drive)
Stretched Tuning	On/Off		
Master Tuning	415.3 Hz – 466.2 Hz (adjustable in increments of 0.1 Hz)	Song Save Format	Standard MIDI Files (Format 0), Audio File (WAV 44.1 kHz/16-bit linear format, when using optional USB Flash Memory)
Transpose	Key Transpose: -6 – +5 (in semitones), Playback Transpose: -6 – +5 (in semitones)	**Other**	
Effects	Ambience (Off, 10 levels), Brilliance (Off, -10 – 0 – +10) Only for Piano Tones: Soundboard Behavior (Off, 10 levels), Cabinet Resonance (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)	Internal Songs	Piano Masterpieces: 75 songs, Selections: 10 songs or greater, Hanon: 20 songs, Czerny #100: 100 songs
		Display	Custom LCD
		Control	Volume (Slider)
		Other Functions	Panel Lock, MIDI Visual Control, V-LINK
Metronome		Connectors	DC In jack, Pedal connector, Input jack: Stereo miniature phone type, Output jacks (L/Mono, R): 1/4-inch phone type, USB COMPUTER port: USB Type B, USB MEMORY port: USB Type A, MIDI connectors (In, Out), Phones jack x 2: Stereo 1/4-inch phone type
Tempo	Quarter note = 10 – 500		
Beat	2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8	Rated Power Output	12 W x 2
Volume	11 levels	Volume Level (SPL)	110 dB * This figure was measured according to the method that is based on Roland's technical standard.
SMF Recorder		Speakers	12 cm (5 inches) x 2
Tracks	3 tracks	Power Consumption	10 W (5 W – 33 W) 10 W: Average power consumption while piano is played with volume at center position, 5 W: Power consumption immediately after power-up; nothing being played, 33 W: Rated power consumption.
Song Save Format	Standard MIDI Files (Format 0)		
Songs	Recorder section: 1 song, Internal Memory: Max. 99 songs		
Note Storage	Approx. 30,000 notes	Dimensions (including piano stand)	(with lid closed) 1,398 (W) x 344 (D) x 781 (H) mm; 55-1/16 (W) x 13-9/16 (D) x 30-3/4 (H) inches (with lid open) 1,398 (W) x 339 (D) x 974 (H) mm; 55-1/16 (W) x 13-3/8 (D) x 38-3/8 (H) inches
Controls	Song Select, Play/Stop, Rec, Rewinding, Fast-forwarding, Previous song, Part Mute, Mute Volume, Tempo, Tempo Mute, All Songs Play, Count-in, Song Balance, AB Repeat		
		Weight (including piano stand)	DP90S: 47.4 kg; 104 lbs 8 oz / DP90: 46.1 kg; 101 lbs 10 oz
Tempo	Quarter note = 10 – 500	Accessories	Owner's Manual, AC Adaptor, Power Cord (for AC Adaptor), Headphone Hook, Stabilizer, Cord Clamps, Internal Song List, Assembling Leaflet
Resolution	120 ticks per quarter note		

* Measurements include stabilizer components attached. * Use USB Flash Memory and USB CD Drive sold by Roland. We cannot guarantee operation if other products are used.

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

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

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

ISO9001   ISO14001

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 forestation 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.

Energy Saving Technology

Better Life with Music

Bring more music into your life.
Roland invites everyone to experience the joy of making music.

Roland
WE DESIGN THE FUTURE

Visit us online at www.Roland.com