DP90S
Digital Piano

SuperNATURAL Piano | PHA III | IVORY FEEL | MIDI VISUAL CONTROL | V-LINK | GENERAL MIDI2 | GS | XG lite | USB | USB MEMORY | Roland Wireless Connect

The High-Performance, High-Impact Compact

With its grand sound, streamlined size, and spectacular mirror-like finish, the DP90S brings a new level of luxury and sophistication to the compact piano market. Its top-of-the-line SuperNATURAL Piano engine and PHA III Ivory Feel Keyboard with Escapement provide unrivaled sound, touch, and response on par with our flagship pianos. The two high-gloss finishes — Polished Ebony and Polished White — blend timelessly and beautifully with classic or contemporary home interiors. Welcome to a new era of premium performance and space-saving convenience!

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- SuperNATURAL Piano sound engine realizes natural, expressive piano performance comparable to acoustic grand pianos
- Top-of-the-line PHA III Ivory Feel Keyboard with Escapement
- The stand's built-in speaker cabinet generates dynamic, resonant sound
- Play classical masterpieces with authentic classical fortepiano and harpsichord sounds
- Large onboard song library covers piano classics as well as popular études such as Czerny 100 and Hanon
- Metronome and recorder built in; recorder lets you capture your performances as MIDI or audio files
- User-friendly operation with backlit LCD and clean, easy-to-navigate front panel
- Stylish, compact cabinet with closable lid
- Energy-saving technology achieves powerful and dynamic sound with low power consumption
- Polished Ebony and Polished White finishes

SuperNATURAL Piano Engine

The DP90S is powered by our groundbreaking SuperNATURAL Piano engine, which provides perfect, natural sound that performs and responds like a grand piano. Tonal color changes seamlessly in response to your touch, and note decay is natural and organic; the decaying sound not only decreases in volume, but also gradually changes color to a softer tone. Each note has its own character, true to a real acoustic grand.

Soundboard Behavior Modeling

Our newly developed Soundboard Behavior function emulates the natural characteristics of string vibrations on the soundboard, and is not found on conventional sampling pianos. Based on the soundboard modeling in the award-winning V-Piano, this powerful technology enhances sound clarity, even when many notes are played simultaneously.

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PHA III Ivory Feel Keyboard

The DP90S oozes class with its flagship PHA III (Progressive Hammer Action III) Ivory Feel keyboard with Escapement. With fast key-repetition and sensitivity, this keyboard faithfully translates the subtle tonal differences of different playing styles and the force at which the keys are played. Additionally, the keys are finished with a material that has moisture-absorbing properties, offering the natural texture and tactile sensation of real ivory and ebony.

Small Footprint, Big Sound

With its sleek and modern furniture-like design, the DP90S blends beautifully and functionally into any home. It features a solid, soft-close safety lid that can be used as a music rest when opened and a flat surface when closed. For the utmost in elegance, the high-gloss, mirror-like Polished Ebony and Polished White finishes beautifully reflect your fingers. The built-in speaker cabinet creates a dynamic, resonant sound never before heard on similar-sized digital pianos.

Authentic Fortepiano and Harpsichord Tones Onboard

In addition to the selection of onboard grand piano sounds, the DP90S is equipped with an Early Piano category that contains four fortepiano variations and two harpsichord variations. Masterpieces composed by maestros such as Mozart, Beethoven, and Chopin can be played with the original sounds from the period; the appreciation and understanding of their compositions is heightened when using instruments that were actually used by the composers. You can also play these early piano sounds with built-in historic temperaments, which are ideal to play with other classical instruments.

Built-In Audio/MIDI Recorder with Flexible Control

The built-in recorder lets you capture your performances as audio or MIDI data — a convenient feature for pianists as well as students who want to evaluate their playing. Transpose, Tempo Change, and Center Cancel features can also be applied to the audio data. Recorded audio data can be saved onto external USB Memory, and copied to a computer for making audio CDs or for uploading to the Internet.

USB memory is required for audio recording/playback.

Ease of Use

The DP90S's simple and intuitive control panel affords quick and easy access to the numerous features onboard. Its backlit LCD and clean front-panel provide an ideal interface for quick access and control, even in dark environments.

Environment-Conscious Design

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

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DP90S Specifications

[Keyboard]

-Keyboard
88 keys (PHA III Ivory Feel Keyboard with Escapement)

-Touch Sensitivity
Key Touch: 5 levels, Fixed Touch

-Keyboard Modes
Whole, Dual (volume balance adjustable), Split (split point adjustable), Twin Piano

-Pedals
Damper (capable of continuous detection), Soft (capable of continuous detection), Sostenuto (function assignable)

[Sound Generator]

-Piano Sound
SuperNATURAL Piano Sound

-Sound Generator
Conforms to GM2/GS/XG Lite

-Max. Polyphony
128 voices

-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)

-Temperaments
8 types, selectable temperament key

-Stretched Tuning
On, Off

-Master Tuning
415.3 Hz--466.2 Hz (adjustable in increments of 0.1 Hz)

-Transpose
Key Transpose: -6--+5 (in semitones), Playback Transpose: -6--+5 (in semitones)

-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)

[Metronome]

-Tempo
Quarter note = 10 to 500

-Beat
2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8

-Volume
11 levels

[SMF Recorder]

-Tracks
3 tracks

-Song Save Format
Standard MIDI Files (Format 0)

-Songs
Recorder section: 1 song, Internal Memory: Max. 99 songs

-Note Storage
Approx. 30,000 notes

-Controls
Song Select, Play/Stop, Rec, Rewinding, Fast-forwarding, Previous song, Next song, Part Mute, Mute Volume, Tempo, Tempo Mute, All Songs Play, Count-in, Song Balance, AB Repeat

-Tempo
Quarter note = 10 to 500

-Resolution
120 ticks per quarter note

[Audio/Audio CDs]

-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)

-Recording
(with Keyboard, SMF data)
File Format: Audio File (WAV 44.1 kHz/16-bit linear format, when using optional USB Flash Memory)

-Transpose
Playback Transpose: -6--+5 (in semitones)

-Tempo
Audio Playback Speed: 75--125 %

-Controls
Song Select, Play/Stop, Rec, Rewinding, Fast-forwarding, Previous song, Next song, Tempo, All Songs Play, Song Balance, AB Repeat, Center Cancel

[Internal Memory]

-Song Save Format
Standard MIDI Files (Format 0)

-Songs
Max. 99 songs

[External Memory]

-External Storage
USB Flash Memory

-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)

-Song Save Format
Standard MIDI Files (Format 0)
Audio File (WAV 44.1 kHz/16-bit linear format, when using optional USB Flash Memory)

[Other]

-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

-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

-Rated Power Output
12 W x 2

-Volume Level (SPL)
110 dB
* This figure was measured according to the method that is based on Roland's technical standard.

-Speakers
12 cm (5 inches) x 2

-Power Consumption
10 W (5 W to 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

-Dimensions (including piano stand)
(with lid close)
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
* Measurements include stabilizer components attached.

-Weight
47.4 kg/104 lbs 8 oz

-Accessories (including piano stand)
Owner's Manual, Internal Song List, Assembling Leaflet, AC Adaptor, Power Cord (for AC Adaptor), Headphone Hook, Stabilizer, Cord Clamps

-Options (sold separately)
USB Flash Memory (*), USB CD Drive (*)
*Use USB Flash Memory and USB CD Drive sold by Roland. We cannot guarantee operation if other products are used.

WNA1100-RL Wireless USB Adaptor
* DP90S system program version 2 or later is required.

* All specifications and appearances are subject to change.