

Roland

ROLAND PIANO  
DIGITAL

HPi-7F / HPi-6F

*SuperNATURAL*  
*Piano*



≡≡≡DigiScore≡≡≡

# Become a better player while having fun!

## The new Roland HPI series has arrived.

Roland's award-winning pianos are renowned for their supreme SuperNATURAL Piano sound engine and PHA II / PHA III Ivory Feel keyboards with Escapement. The new HPI-series digital pianos combine these features with a large DigiScore display and interactive learning program that lets you practice efficiently while having fun. The LCD built into the music rest instantly shows notation for the onboard songs as well as your own recorded performances. The program will evaluate your performance and even check your finger strength. The new HPI pianos fully realize the dreams of piano students, teachers, and performers. Practice by yourself or enjoy a one-on-one lesson. Whether you already know how to play or are an aspiring musician, the HPI series makes playing the piano a new experience. Improve while you're having fun!

## DigiScore



### The music appears before your eyes! DigiScore is large and easy to view.

DigiScore displays digital sheet music for all of the built-in songs, as well as for recordings of your performances, on the large LCD built into its music rest. On the HPI-7F, the display can show up to 16 bars of music at a time for both hands. Play along as the bouncing ball moves rhythmically with the music, improving your sense of time in a natural way. You can also display finger numbers, note names, chord names, and musical symbols/notation marks, and you can switch easily between expanded displays and displays of parts for only one hand. Notation with note-name displays will be a great help for those learning to read music. You can view a graphical metronome and keyboard along with your music.





## NOTATION-BASED PROGRAMS

Whether you've never played a piano before or you have played in the past, you can improve with HPI's interactive features.

### Identify areas that you need to improve



#### Visual Lesson

What you play appears as digital sheet music. You can check, with your eyes and ears, the areas that you need to work on.

### Check the "finger power" in both hands



#### Finger Training

You can visually check to see whether the force of each of your fingers is the same while playing popular Hanon exercises.

## GRAPHICAL PROGRAMS

These programs allow everyone from children to adults to get familiar with music in a fun and natural setting.

### First, get to know your sounds



#### Wonderland

Children can learn the onboard sounds and sound effects using the HPI's fun, friendly animation.

### Develop your sense of tone while you have fun



#### Flash Card

This is like a game of "pick a card" where you can develop your music-dictation skills in a natural and fun way.

### Play a song from top to bottom as if you were playing a game!



#### Scroll Game

Follow the piano roll on the display and play with one hand. The sense of achievement you get when you finish is very gratifying. Even adults will get hooked on this!

### Master the basics of music reading and fingering



#### DoReMi Course

This is a no-pressure review on music reading and fingering techniques. It's recommended even if you already have piano experience.

# SOUND

## The “SuperNATURAL Piano sound engine” delivers the power and expression of an acoustic grand

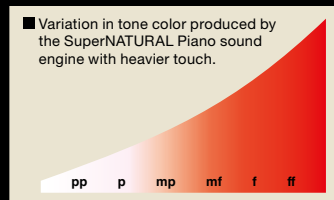
Both HPI-7F and HPI-6F are with our newly developed SuperNATURAL Piano sound engine, which was born by bringing together V-Piano technology and 88-key stereo multisampling. This new sound engine is the product of Roland’s deep research of the characteristics of acoustic pianos, with the goal of faithfully reproducing the rich tone and true expression of a concert grand piano. 128-voice polyphony ensures seamless performance, even during the most dense and complex pieces.

### Perfect touch and response in every key

Each note of a grand piano has its own character, due to the fact that the strings are different sizes and lengths, use different materials, and are struck by hammers of different sizes. These differences create variations in the tonal color and resonance of each note. For the new SuperNATURAL Piano sound engine, we sampled all 88 notes of a variety of world-class pianos and used our unique digital technology to accurately reproduce the full, rich tone and unique personality of these fine acoustic instruments.

### True to the player’s touch

Pianos produce myriad differences not only in volume, but also in tone based on how forcefully the key is struck. Our latest technology, the SuperNATURAL Piano sound engine, delivers natural and seamless changes in tonal color in response to the player’s touch. The expanded dynamic range supports the most advanced and subtle techniques, just as one would expect from an acoustic grand piano.

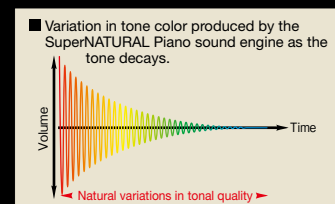


\*The graph and drawings are artistic illustrations

### Seamless note decay

The natural decay of notes and beautiful lingering tones are essential elements of a piano’s sound. The decaying sound of

an acoustic piano not only decreases in volume, but also gradually changes in color to a softer tone. The SuperNATURAL Piano sound engine replicates this natural decay, just like an acoustic grand.



\*The graph and drawings are artistic illustrations

## Inspiring creativity with Roland’s powerful technologies

Both HPI-7F and HPI-6F feature “Piano Resonance”, which faithfully reproduces the sympathetic resonance\*<sup>1</sup> between strings, as well as other subtle nuances such as variations in lingering tones based on key-release speed\*<sup>2</sup>. It even replicates the resonance one hears while the damper pedal is depressed and the dampers move off the strings\*<sup>3</sup>. The HPI-7F and HPI-6F also offer “Piano Designer”, which lets you customize all components of the piano’s sound, even the position of the “virtual” grand piano lid\*<sup>4</sup>.

\*1 String Resonance \*2 Key Off Resonance  
\*3 Damper Resonance \*4 HPI-7F only



## Continuous detection pedals respond to the player’s sensitivities

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

# TOUCH

## The PHA II and PHA III keyboards translate the emotions of the player into sound



Their natural touch is not produced by springs, but instead by the hammer’s weight and movement. Just as in an acoustic piano,

the lower notes feel slightly heavier and the higher notes feel lighter. The PHA II and PHA III keyboards also faithfully replicate the unique response of grand pianos, where the keys move downward lightly when you play softly and give more resistance when you play more forcefully.

## The “PHA III” keyboard translates into sound the differences in how you play

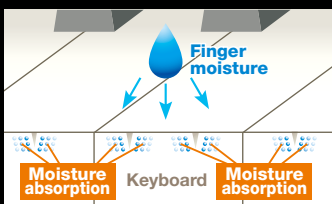
HPI-7F’s PHA III keyboard accurately responds to the player’s touch, from the most subtle and delicate to the most bombastic technique. As the pianist’s emotion and intention changes, so too does the piano’s intonation. As the PHA III keyboard drives our SuperNATURAL Piano sound engine, subtle differences of articulation are faithfully reflected in the tone for a true grand-piano experience.



## The Ivory-Feel keyboard replicates the texture of ivory and ebony



Modeled after high-end acoustic grand pianos, the white and black key tops are made of a material that replicates the unique appearance and texture of real ivory and ebony keys. The white keys consist of a two piece “surface over base material” construction to create the same appearance you would find on an acoustic piano. It also reduces the noise of fingernails tapping the keys. Thanks to its moisture-absorbing characteristics, the Ivory-Feel keyboard feels better the more you play it.



▲A comfortable texture has been achieved thanks to new materials with moisture-absorbing characteristics.

## Simulated “escapement” replicates the feel and response of a grand piano

Press a key slowly and you will feel the resistance increase gradually and then become lighter again. This occurs on acoustic pianos when the hammer releases or “escapes” from the key mechanism. By replicating this, the PHA II and PHA III keyboards further enhance the superb response and expressivity of Roland pianos.

## Select a comfortable touch and enjoy playing to your heart’s content

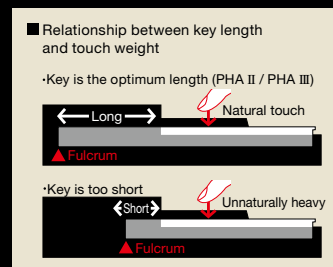
On all Roland Digital Pianos, users can choose\* between different touch sensitivity – from light to standard and heavy. You can adjust the touch response of your keyboard depending on how strong your fingers are or for particular practice objectives.

\*The HPI-7F offers 100 levels of touch sensitivity.

## Roland pays attention to intricate, important details such as these

The length of the hidden portion of the keys has been lengthened as much as possible so the fulcrum is located farther back on the keys.

This reduces the difference in touch response from the front to the rear of the keys, replicating the longer keys and superior response of a grand piano.



\*The graph and drawings are artistic illustrations

# DESIGN

## Beautiful cabinet blends well in different environments

HPI-series pianos are finished in beautiful wood cabinets and attractive matching color tones. The HPI-7F’s music stop is accented with eye-catching brass music clips, and the 3-piece pedals provide a classic look, with the left and right pedals tapered outward — just some of the detailing that make these piano special. The front legs lend the piano a sense of stateliness and also provide stability for playing. Its external finish comes in either satin black or rosewood for a warm feeling. Choose the finish you prefer to suit your interior surroundings.

## Emphasis on ease of use

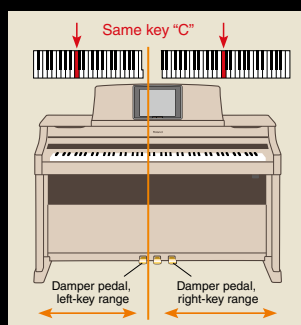
Designed for simplicity and ease of use, the HPI series offers clear, uncluttered operation, with a clean and friendly front panel. Frequently used connections are located at the front. A headphone hook provides convenient storage.



# Piano School

## Features only available in the digital realm help expand your musical universe

A 4-track recorder lets you easily record, play back, and save your performances. This offers numerous benefits for both performance and practice, including the ability to work with left- and right-hand parts separately. The “Twin Piano” function lets you split the keyboard left and right into two regions, each with its own middle “C” and damper pedal. Two players wearing headphones can then play completely independently without hearing one another (Individual Twin-Piano), a great application for “partner” lessons or piano labs. Of course, the ability to hear yourself privately on headphones has always been a major advantage of digital instruments, since it allows you to play anytime, day or night, without disturbing others. The Twin Piano Game is also included, a DigiScore lesson program that



makes full use of this function. You can improve your sense of tone and music reading in a game-like setting.



## Edit, print, and save your music sheets in any way that you prefer. This will expand the possibilities of your lessons.

In addition to displaying your performance as digital sheet music, DigiScore can save your music as a bitmap file (BMP). You can then make additional edits\*, such as deleting notes or adding dynamic symbols, and use your PC and printer to make hard copies. This is a handy feature for piano teachers who want to print their own material. And since you can store DigiScore on different media, you can save your music on a USB memory key, take it home, and display it via DigiScore or PC.

\* HPI-7F only

# ENTERTAINMENT

## Connect a mic for karaoke and add vocal harmony

Plug a microphone into the mic input and sing along! When you play back the built-in songs or SMF music files with lyrics, you can display the lyrics on DigiScore, karaoke style. In addition to tempo and key adjustments, you can also add echo to your voice. If the file contains chord data, you can automatically add beautiful harmony to your singing. Sound like a star!

\* HPI-7F only



slow down playback when learning a new piece or find a more comfortable key for a song with which you want to sing along. During playback of audio files from USB memory, you can also alter key and tempo independently, as well as minimize the lead vocal or instrument via the “Center Cancel” function. The HPI-7F and HPI-6F also boasts over 300 GM2/GS tones with layer and split capability to support almost any musical performance or study.

## Play like a pro with automatic accompaniment

With the HPI-7F’s “automatic accompaniment” you can simply play one or two notes with your left hand and the instrument will create accompaniment in a variety of musical styles, including rock, jazz, and bossa nova. Play a melody with your right hand and you’ll sound like an entire band or orchestra!

## Enjoy playing your favorite songs along with full backing tracks

The HPI-7F and HPI-6F come with a wide range of built-in songs, ranging from classical to jazz. In addition, you can play commercially available SMF music files or audio files stored on a standard USB flash memory device (sold separately). With the optional Roland CD-01A CD Drive, you can even play back and play along with songs directly from a standard audio CD. During playback of the built-in songs or SMF music files from a USB memory key, you can alter or mute individual tracks, such as a piano solo, to create an exciting ensemble performance. Since you can alter both the key and tempo independently, you can

## Create your own CDs!

Connect Roland’s optional CD drive (CD-01A) to your HPI-7F and burn your performances, songs, or audio recordings to a CD. Send your best performances to friends and relatives as a musical letter or make a CD of a family karaoke party. Record and preserve memories that will last a lifetime!

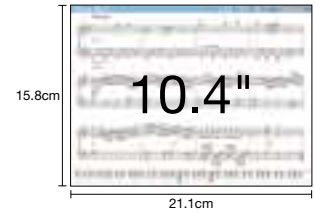




HPI-7F-RW  
Rosewood finish



HPI-7F- SB  
Satin black finish



# HPi-7F *SuperNATURAL Piano*

Equipped with a large-screen DigiScore display — experience a new world of education and entertainment

The HPI-7F's interactive DigiScore display can show up to 16 bars of music at a time for both hands. Improve your skill, play along with accompaniment, burn CDs, and discover unmatched enjoyment with a single instrument.



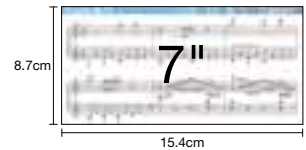
- 10.4" TFT color LCD
- SuperNATURAL Piano
- PHAIII Keyboard / Ivory Feel / Escapement
- 4-speaker Sound System  
(16cm x 2 (with Speaker Box), 5cm x 2)
- Piano Designer
- Metronome / 4-track Composer  
/ 16-track Sequencer



HPI-6F-SB  
Satin black finish



HPI-6F-RW  
Rosewood finish



# HPi-6F *SuperNATURAL Piano*

DigiScore, great tone, and great touch in a compact body

Equipped with a wide-screen DigiScore display, top-grade sound and touch, this entry model lets the novice experience the joy of pro-level performance combined with fun, interactive learning.

\*The DigiScore display of the HPI-6F can show up to 6 bars of music at a time for both hands.



- 7" TFT color LCD
- SuperNATURAL Piano
- PHAII Keyboard / Ivory Feel / Escapement
- Piano Designer
- Metronome / 4-track Composer

## Specifications

|   | HPI-7F  | HPI-6F  |
|---|---|---|
| <b>Keyboard</b>   |   |   |
| Keyboard  | 88 keys (PHA III Ivory Feel Keyboard with Escapement)   | 88 keys (PHA II Ivory Feel Keyboard with Escapement)  |
| Touch Sensitivity                                       | Touch: 100 levels/Fixed Touch   | Touch: 5 levels/Fixed Touch   |
| Hammer Response   | Off, 1-10   | —   |
| Keyboard Modes  | Whole, Dual (volume balance adjustable), Split (Split Point Adjustable), Twin Piano   |   |
| <b>Sound Generator (Conforms to GM2 / GS / XG Lite)</b> |   |   |
| Piano Sound   | SuperNATURAL Piano Sound  |   |
| Max. Polyphony  | 128 voices  |   |
| Tones   | 337 tones (including 8 drum sets, 1 SFX set)  |   |
| Temperaments  | 8 types, selectable temperament key   |   |
| Stretched Tuning  | Off, Preset, User Tuning (Adjustable in Individual Notes: -50.0 +50.0 cent)   | 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 (with Audio CD/Audio File): -6 +5 (in semitones)  |   |
| Effects   | Reverb (Off, 1 - 10) [Only for Piano Tones] Open/Close Lid (0 - 6), Cabinet Resonance (Off, 1 - 10), Hammer Noise (5 levels), Damper Noise (Off, 1 - 10), Duplex Scale (Off, 1 - 10), Damper Resonance (Off, 1 - 10), String Resonance (Off, 1 - 10), Key Off Resonance (Off, 1 - 10) [Only for Organ Tones] Rotary Speaker Effect (Slow, Fast) [Vocal Effects] Harmony (3 types), Reverb (Off, 1 - 10) | Reverb (Off, 1 - 10) [Only for Piano Tones] Damper Resonance (Off, 1 - 10), String Resonance (Off, 1 - 10), Key Off Resonance (Off, 1 - 10) [Only for Organ Tones] Rotary Speaker Effect (Slow, Fast)   |
| Equalizer   | 4-band Digital Equalizer  |   |
| <b>Composer</b>   |   |   |
| Tracks  | 4 tracks/16 tracks  | 4 tracks  |
| Songs   | Recorder Section: 1 song  |   |
| Note Storage  | Approx. 30,000 notes  |   |
| Controls  | Song Select, Play/Stop, Rec, Rewinding, Fast-forwarding, Beginning of the Song, End of the Song, Track Mute, Mute Volume, Tempo, Tempo Mute, All Songs Play, Count-in, Balance, Marker, Repeat, Center Cancel (Audio Data only)   | Song Select, Play/Stop, Rec, Rewinding, Fast-forwarding, Beginning of the Song, End of the Song, Track Mute, Mute Volume, Tempo, Tempo Mute, All Songs Play, Count-in, Balance, Center Cancel (Audio Data only)   |
| Tempo   | Quarter Note=10 to 500  |   |
| Resolution  | 120 ticks per quarter note  |   |
| Edit  | Copy, Quantize, Delete, Insert, Erase, Transpose, Part Exchange, Note Edit, PC Edit, Notation Mark  | —   |
| Recording Method  | Replace, Mix  | —   |
| <b>Metronome</b>  |   |   |
| 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  | Off, 1 - 10   |   |
| Metronome Pattern                                       | 11 patterns   |   |
| Sound   | 8 types   |   |
| <b>Rhythm</b>   |   |   |
| Control   | Start/Stop, Intro/Ending, Sync Start, Fill-in, Leading Bass   | —   |
| <b>Internal Memory</b>                                  |   |   |
| Songs   | Max. 200 songs  |   |
| Song Save Format  | Standard MIDI Files (Format 0)  |   |
| <b>External Memory</b>                                  |   |   |
| External Storage  | USB Flash Memory (sold separately)  |   |
| Songs   | Max. 200 songs  |   |
| 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 an optional USB CD drive  |   |
| Song Save Format  | Standard MIDI Files (Format 0)  |   |
| <b>Internal Songs</b>                                   |   |   |
| Internal Songs  | Over 200 songs  |   |
| <b>Display</b>  |   |   |
| Display   | TFT Color LCD 640 x 480 dots (with a Music Rest), Beat Indicator  | TFT Color LCD 480 x 234 dots (with a Music Rest), Beat Indicator  |
| Score Display   | Grand Staff/G Clef/F Clef, Notation Mark/Pitch Name/Lyrics/Chord/Finger Number  |   |
| Language  | English, German, French, Spanish, Japanese  |   |
| <b>Other Functions</b>                                  |   |   |
| User Programs   | 40  |   |
| Audio Playback  | Center Cancel, Audio Playback Speed: 75 - 125 %, Playback Transpose: -6 +5 (in semitones)   |   |
| Other   | Panel Lock, V-LINK, Classic Position, Piano Designer, Wonderland/Game, Visual Lesson, Doremi Course, Finger Training, Scroll Game, Flash Card, Tone Demo, BMP Export  | —   |
| Other   | CD Writing (when using an optional USB CD drive CD-01A)   |   |
| <b>Connectors</b>                                       |   |   |
| Connectors  | Ext. Memory connector, USB connector, Output jacks (L/Mono, R): 1/4-inch phone type, Input jacks (L/Mono, R): RCA phono type, Phones jack x 2: Stereo 1/4-inch phone type, MIDI connectors (In, Out), Mic Input jack (phone type), Analog RGB connector (HD DB-15 type), Backlight Connector, AC Inlet  | Ext. Memory connector, USB connector, Output jacks (L/Mono, R): 1/4-inch phone type, Input jacks (L/Mono, R): RCA phono type, Phones jack x 2: Stereo 1/4-inch phone type, MIDI connectors (In, Out), Analog RGB connector (HD DB-15 type), Backlight Connector, AC Inlet |
| Rated Power Output                                      | 60 W x 2  | 30 W x 2  |
| Volume Level (SPL)                                      | 110 dB * This value was measured according to the method that is based on Roland's technical standard.  | 107 dB * This value was measured according to the method that is based on Roland's technical standard.  |
| Speakers  | 16 cm x 2 (with Speaker Box), 5 cm x 2  | 12 cm x 2, 5 cm x 2   |
| Controls  | Volume, Mic Volume  | Volume  |
| Pedals  | Damper pedal (Capable of Continuous Detection), Soft pedal (Capable of Continuous Detection, Function Assignable), Sostenuto pedal (Function Assignable)  |   |
| Power Consumption                                       | 120 W   | 95 W  |
| Dimensions (including piano stand)                      | [With Music Rest] 1,417 (W) x 529 (D) x 1,105 (H) mm / 55-13/16 (W) x 20-7/8 (D) x 43-9/16 (H) inches<br>[Without Music Rest] 1,417 (W) x 529 (D) x 914 (H) mm / 55-13/16 (W) x 20-7/8 (D) x 36 (H) inches  | [With Music Rest] 1,387 (W) x 424 (D) x 1,036 (H) mm / 54-5/8 (W) x 16-3/4 (D) x 40-13/16 (H) inches<br>[Without Music Rest] 1,387 (W) x 424 (D) x 867 (H) mm / 54-5/8 (W) x 16-3/4 (D) x 34-3/16 (H) inches  |
| Weight (Including Piano Stand)                          | 80.0 kg / 176 lbs 6 oz  | 58.0 kg / 127 lbs 14 oz   |
| Accessories   | Owner's Manual, Power Cord, Headphone Hook, Wing nut, Music Rest, Attachment Screws   |   |

## Options



### 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 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.



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