

ROLAND PIANO  
DIGITAL

HP-Series

*Super*NATURAL  
Piano

Roland



The “SuperNATURAL Piano sound engine”  
deepens the “emotion” of playing.

It delivers a more natural and beautiful piano sound, as well  
as a touch that gives you the ultimate in expressivity.

The V-Piano is Roland's flagship piano, which is based on our pursuit of the expressivity afforded by acoustic pianos, and expands on these possibilities. The "SuperNATURAL Piano sound engine" was born by bringing together V-Piano technology and 88-key stereo multisampling technology. Utilizing state-of-the-art technology, we have honed its expressivity, which is indispensable in piano performances. Sound, touch, and that intangible that resonates with your heart — everything has been reproduced true to acoustic grand pianos. Please experience the joy of playing to your heart's content on the new HP series; a series of instruments that responds to the vision of the player.



SuperNATURAL  
Piano

HP307-PE  
Polished Ebony finish  
\*Actual bench may vary.



# HP307 *SuperNATURAL Piano*

The flagship model that offers the ultimate in piano tone and expressivity.



HP307-SB  
Satin Black finish

HP307-RW  
Rosewood finish  
\*Actual bench may vary.

## Top-quality piano sound and keyboard touch.

It now features the SuperNATURAL Piano sound engine\*<sup>1</sup>, which delivers the ultimate in piano expressivity. It produces differences in the tone and ring of each individual note, as well as seamless changes in tone from pianissimo to fortissimo, and a decay in which the sound sustains and decays beautifully. This enables players to play much more smoothly than in the past. The special speaker system\*<sup>2</sup> reproduces this high-quality piano sound to the fullest. Nuances such as the ringing and lingering tones of a sound and the amount the lid is opened can be adjusted to your tastes using the "Piano Designer" function\*<sup>3</sup>. The piano features the PHA III Ivory Feel keyboard (with escapement)\*<sup>4</sup> which delivers the appearance and playing feel of the most exclusive of grand pianos. The superior expressivity and excellent key repetition enhances the players performance. This is the ideal instrument for players with discerning requirements in terms of tone and touch.

\*1 SuperNATURAL Piano sound [→P6] \*2 Grand Piano Presence II [→P6] \*3 Piano Designer [→P6]  
\*4 PHA III Ivory Feel Keyboard (with Escapement) [→P7]

## Traditional piano form and polished cabinet with a modern flair.

Top-quality tone and touch are found in this high-quality, modern cabinet. True to traditional piano designs, this piano has been conceived with simplicity in mind. All details have been coordinated with simulated wood grain or matching colors. The front leg design not only provides stability for

playing, but also a stately look. With brass music sheet holder and pedals with a traditional design where they spread out laterally, no detail has been overlooked to create an overall look that is true to acoustic pianos. Cover the control panel with the fallboard to not only let you concentrate on your playing, but also enhance the aesthetic beauty of the instrument.\* Available in 3 colors. Choose from the elegant polished ebony finish, traditional rosewood finish, or the cool satin black finish.

\*Classic Position [→P6]

## Expand your repertoire with convenient functions and a diverse range of songs.

The innovative Individual Twin Piano\*<sup>1</sup> feature allows side by side practice or performance. The three-track recorder enables you to record your performance and will also be a great help when practicing right or left hand parts individually. The HP307 can also playback built-in tunes with accompaniment, commercially available music files\*<sup>2</sup>, as well as music CDs\*<sup>3</sup>, with which you can play along. All functions, such as selecting a song or adjusting the piano tone, can be performed easily on the large graphic display with its intuitive interface.

\*1 Individual Twin-Piano Mode [→P7] \*2 Files stored on USB flash memory or CD-ROM. \*3 You will need an optional CD-01A for playback

SOUND	TOUCH	EXTRA	
SuperNATURAL Piano sound	PHA III Keyboard	Internal Songs	External Memory Port
128-voice Polyphony	Ivory Feel	Metronome	USB CD Drive (Optional)
Piano Designer	Escapement	3-track Recorder	Large Graphic LCD
Grand Piano Presence II		2 x Headphone Jacks	
4-speaker Sound System		Individual Twin-Piano	

# HP305 *SuperNATURAL Piano*

Refined piano performance in a stylish, compact cabinet.



HP305-RW  
Rosewood finish



HP305-PE  
Polished Ebony finish



HP305-SB  
Satin Black finish

Its sound and touch is a result of our relentless pursuit of the characteristics of grand pianos. Its minimalistic and modern design is true to acoustic pianos. This is the standard model in the HP series, and all of its elements have been made compact. Its special speaker system\*<sup>1</sup> reproduces the sound generated by the SuperNATURAL Piano sound engine\*<sup>2</sup> as a clear and spatial sound to allow players to give beautiful and smooth performances true to grand pianos. Players can enjoy their performances to their hearts' content on the PHA II Ivory Feel keyboard (with escapement)\*<sup>3</sup> which provides a natural texture and tactile feel. The Classic Position\*<sup>4</sup> and 3 pedals with traditional design\*<sup>5</sup> make playing easier\* and enhances its piano-like appearance. It also comes with a metronome and 3-track recorder function, and can playback a variety of songs so you have all you need to support your progress. Playback your favorite built-in songs with accompaniment, commercially available music files, and music CDs\*<sup>6</sup> to make your practice more enjoyable.

## SOUND

SuperNATURAL Piano sound  
128-voice Polyphony  
Piano Resonance  
Grand Piano Presence II

## TOUCH

PHA II Keyboard  
Ivory Feel  
Escapement

## EXTRA

Internal Songs  
Metronome  
3-track Recorder  
2 x Headphone Jacks  
Individual Twin-Piano

External Memory Port  
USB CD Drive (Optional)  
7 segments, 3 characters LED

\*1 Grand Piano Presence II [→P6] \*2 SuperNATURAL Piano sound [→P6] \*3 PHA II Ivory Feel Keyboard with Escapement [→P7] \*4 Classic Position [→P6] \*5 3 pedals with traditional design [→P6] \*6 Optional CD-01A is required

# HP302 *SuperNATURAL Piano*

Superb tone and touch along with appealing learning functions.



HP302-SB  
Satin black finish



HP302-RW  
Rosewood finish

We packed the SuperNATURAL Piano sound engine\*<sup>1</sup>, which is the ultimate in piano expressivity, and a PHAII keyboard\*<sup>2</sup>, which reproduces the natural playing feel found in grand pianos, in a compact, high-quality cabinet. It also features the "Classic Position"\*<sup>3</sup> which creates a piano like appearance, three traditionally designed pedals\*<sup>4</sup>, sturdy front legs and a convenient music rest with music holders. While this is an entry model, discerning attention has been paid to its sound, touch, and design. The metronome function and three track recorder will enhance your learning. The "Twin Piano"\*<sup>5</sup> feature is convenient for one-on-one lessons. Centralized control panel with dedicated buttons assures intuitive operations. By connecting two headphones, two players can practice independently at the same time. The HP302 achieves low power consumption while delivering a dynamic piano sound that is above its class.

#### SOUND

SuperNATURAL Piano sound  
128-voice Polyphony  
Piano Resonance

#### TOUCH

PHA II Keyboard  
Escapement

#### EXTRA

Internal Songs  
Metronome  
3-track Recorder  
2 x Headphone Jacks  
Individual Twin-Piano

External Memory Port  
USB CD Drive (Optional)  
7 segments, 3 characters LED

\*1 SuperNATURAL Piano sound engine [->P6] \*2 PHA II Keyboard with Escapement [->P7] \*3 Classic Position [->P6] \*4 3 pedals with traditional design \*5 Twin-Piano Mode [->P7]

# SOUND

## The "SuperNATURAL Piano sound engine" delivers the expressivity of an acoustic grand piano.

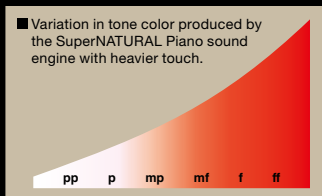
All models are equipped with our newly developed SuperNATURAL Piano sound engine, which was born by bringing together V-Piano technology and 88-key stereo multisampling technology. This new sound engine is the product of Roland's deep research of the characteristics of acoustic pianos, with the goal of faithfully reproducing the rich tone and expressivity of a concert grand piano. The maximum polyphony of 128 is more than enough for even the most complex pieces.

### Expressivity in every single key

Each of the 88 notes on 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 tone color and resonance of each note. For the new SuperNATURAL Piano sound engine, Roland sampled all 88 notes of a variety of world-class pianos and used its unique digital technology to faithfully reproduce the full, rich tone and expressivity of the world's finest pianos.

### Expressivity according to the player's touch

Pianos produce differences not only in volume, but also subtle variations in tone color, depending on how forcefully the key is struck. Using Roland's latest technology, the SuperNATURAL piano sound engine delivers natural and seamless changes in tone color in response to the player's touch. Its expanded dynamic range supports the most advanced and subtle techniques, just as one would expect in an acoustic grand piano.

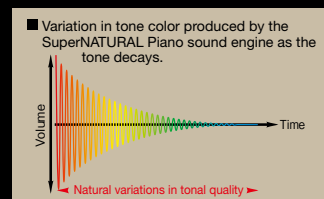


\*The graph and drawings are artist's conceptions.

### Expressivity of decaying sounds

The natural decay of notes and beautiful lingering tones are important 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 as in an acoustic grand.



\*The graph and drawings are artist's conceptions.

## Inspiring expressivity made possible by Roland's powerful technologies

All models feature "Piano Resonance", which faithfully reproduces the sympathetic vibrations<sup>1</sup> between strings, as well as other subtle nuances such as variations in lingering tones according to how quickly keys are released<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>. HP307 and HP305 also offer "Grand Piano Presence II", which uses high and full-range stereo speakers in a special design to replicate the unique aural "presence" of a grand piano. High notes are heard from "above" the player and rich basses emanate from below, near the floor. The flagship HP307 features "Piano Designer", which lets the user customize all components of the piano's sound, including even the position of the "virtual" grand piano lid.

<sup>1</sup> String Resonance <sup>2</sup> Key Off Resonance <sup>3</sup> Damper Resonance

## 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. 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.



# DESIGN

## Beautiful cabinet design and finishes compliment any decor

We paid meticulous attention to design details, just as we did with tone and touch. Cabinet parts and control panels are coordinated according to wood grain and matching colors. The front legs add both stability and style. Brass music holders<sup>1</sup> and large music rests<sup>2</sup> help you manage a variety of music scores. The three pedals have a traditional lateral design that allows smoother pedal movements. And all models feature the "Classic" fallboard position to conceal the control panel and display when desired. Available finishes include the traditional satin black, a warm rosewood wood grain, and a mirror-like polished ebony.

<sup>1</sup> HP307, HP305 <sup>2</sup> HP307, HP305



All HP series models feature the Classic Position.▶

## Ease of use is always a Roland advantage.

The simple and intuitive control panel affords quick and easy access to the HP Series' numerous features and applications, and the HP307 offers a large LCD panel for the ideal visual interface with the instrument. Frequently used connection jacks are conveniently located near the front of all models and all come with a handy headphone hook.



# 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.

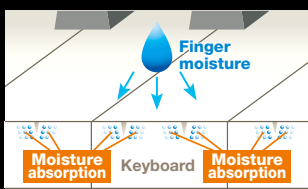
The HP307 comes with the "PHA III" keyboard, which delivers superior repetition and expressivity than the "PHA II" keyboard. Along with the "SuperNATURAL Piano sound engine," subtle differences in how one plays are faithfully reflected in the sound.



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 and reduce the noise of fingernails tapping the keys. Thanks to its moisture-absorbing characteristics, the more you play the Ivory-Feel keyboard, the better it feels.



▲ A comfortable texture has been achieved with the use of new materials with moisture-absorbing characteristics.

\*HP307, HP305

Simulated "escapement" replicates the feel and response of a grand piano

Depress a key slowly and you will feel the resistance grow 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.

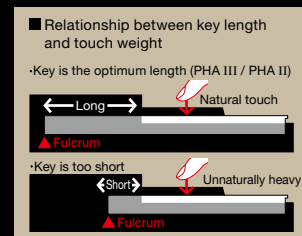
Select a comfortable touch and enjoy playing to your heart's content.

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 HP307 offers 100 levels of touch sensitivity.

Roland pays attention to important details in areas that you do not see.

The length of the hidden portion of the keys has been made as long as possible, so that the fulcrum is located further 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 and further enhancing the natural playing feel of the Roland Digital Piano.

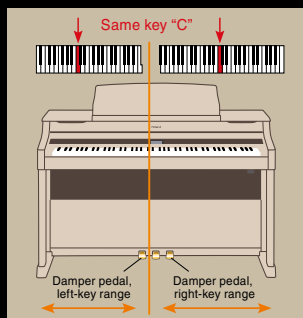


\*The graph and drawings are artist's conceptions.

# LESSON & ENTERTAINMENT

Features only available in the digital realm help expand your musical world.

A 3-track recorder lets you easily record, playback, and save your performances. This offers numerous benefits for both performance and practice, including the ability to work with left hand and right hand parts separately. The "Twin Piano" function allows you to 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 powerful 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 anywhere, anytime without disturbing others.



Enjoy playing your favorite songs along with full backing tracks

The HP series all come with a wide range of built-in songs, ranging from classical to jazz. However, you can also playback 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 stick, 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 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. All models also boast over 300 GM2/GS tones with layer and split capability to support almost any musical performance or study.



SPECIFICATIONS

		HP307	HP305 / HP302	
Keyboard	Keyboard	88 keys (PHA III ivory feel Keyboard with Escapement)	HP305: 88 keys (PHA II ivory feel Keyboard with Escapement), HP302: 88 keys (PHA II Keyboard with Escapement)	
	Touch Sensitivity	Touch: 100 levels / Fixed Touch Hammer Response: Off / 1-10	Touch: 5 levels / Fixed Touch -	
	Keyboard Mode	Whole, Dual (volume balance adjustable), Split (split point adjustable), Twin piano		
Sound Generator	Sound Generator	Conforms to GM2/GS/XG Lite		
	Piano Sound	SuperNATURAL Piano Sound		
	Max. Polyphony	128 voices		
	Tones	337 tones (including 8 drum sets, 1 SFX set)		
	Temperament	8 types, selectable temperament Key		
	Stretched Tuning	Off, Preset, User tuning (adjustable in individual notes: -50.0- +50.0 cent)	On, Off	
	Master Tuning	415.3-466.2 Hz (adjustable in increments of 0.1 Hz)		
	Transpose	Transpose: -6-+5 (in semitones) Playback Transpose (with Audio CD/Audio File): -6-+5 (in semitones)		
	Effects	Reverb (Off, 1-10), Rotary Speaker Effect (only for organ tones, Slow/Fast), 4-band Digital Equalizer Only for Piano Tones: Open/close lid (7 levels), Hammer Noise (5 levels), Damper Resonance (Off, 1-10), Damper Noise (Off, 1-10), Duplex Scale (Off, 1-10), String Resonance (Off, 1-10), Key Off Resonance (Off, 1-10), Cabinet Resonance (Off, 1-10)	Reverb (Off, 1-10), Rotary Speaker Effect (only for organ tones, Slow/Fast), Only for Piano Tones: Damper Resonance (Off, 1-10), String Resonance (Off, 1-10), Key Off Resonance (Off, 1-10)	
Recorder	Tracks	3 tracks		
	Songs	Recorder section: 1 song, Internal Memory: Max. 99 songs		
	Note Storage	Approx. 30,000 notes		
	Control	Song Select, Play/Stop, Rec, Rewinding, Fast-forwarding, Track Mute, Mute Volume, Tempo, Tempo Mute, All Songs Play, Count-in, Song Volume, Center Cancel (only for audio playback)		
	Tempo	Quarter note = 10 to 500, Audio Playback Speed: 75-125%		
	Resolution	120 ticks per quarter note		
	Metronome	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: 0-10 levels Metronome Pattern: 11 patterns		
Internal Memory	Songs	Max. 99 songs		
	Save Song	Standard MIDI Files (Format 0)		
External Memory	External Storage	USB Memory Floppy Disk (when using an optional floppy disk drive)		
	Playable Software	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 a CD drive)		
Other	Internal Songs	72 songs		
	Rated Power Output	60 W x 2	HP305: 30 W x 2, HP302: 12W x 2	
	Volume Level (SPL)*	110dB	HP305: 107dB, HP302: 105dB	
	Speakers	16 cm x 2 (with Speaker box), 5 cm x 2	HP305: 12 cm x 2, 5 cm x 2, HP302: 12 cm x 2	
	Display	128 x 64 dots Graphic monochrome LCD (with backlight)	7 segments, 3 characters, LED	
	Language	English, Japanese	-	
	Lyrics	Yes (Built-in Display)	No	
	Control	Volume, LCD Contrast	Volume	
	Pedal	Damper (capable of continuous detection), Soft (capable of continuous detection, function assignable), Sostenuto (function assignable)		
	Other Function	Panel Lock, Classic Position, V-LINK		
	Connectors	AC inlet, Input jacks (L/Mono, R), Output jacks (L/Mono, R), USB connector, MIDI connectors (In, Out), Phones jack (Stereo) x 2, External Memory connector		
	Power Consumption	140 W	HP305: 85 W HP302: 24 W	
	Dimensions	[ with Music Rest ]1417 (W) x 529 (D) x 1082 (H) mm/55-13/16(W) x 20-7/8 (D) x 42-5/8 (H) inches [ without Music Rest ]1417 (W) x 529 (D) x 914 (H) mm/55-13/16 (W) x 20-7/8 (D) x 36 (H) inches	HP305: [ with Music Rest ]1387 (W) x 421 (D) x 1039 (H) mm /54-5/8 (W) x 16-5/8 (D) x 40-15/16 (H) inches [ without Music Rest ]1387 (W) x 448 (D) x 867 (H) mm/54-5/8 (W) x 17-11/16 (D) x 34-3/16 (H) inches HP302: [ with Music Rest ]1387 (W) x 424 (D) x 1036 (H) mm /54-5/8 (W) x 16-3/4 (D) x 40-13/16 (H) inches [ without Music Rest ]1387 (W) x 424 (D) x 860 (H) mm/54-5/8 (W) x 16-3/4 (D) x 33-7/8(H) inches	
	Weight	78.5 kg / 173 lbs 1 oz Polished-finish pianos / 80 kg / 176 lbs 6 oz	HP305: 57.5 kg / 126 lbs 13 oz Polished-finish pianos / 58.5 kg / 129 lbs HP302: 53 kg / 116 lbs 14 oz	
	Accessories	Owner's Manual, Music book, Power Cord, Headphone Hook		
		Owner's Manual, Power Cord, AC adaptor (HP302), Music book, Headphone Hook, Music Rest (HP302), Music Rest attachment screws (HP302)		

\* These figures were measured according to the method that is based on Roland's technical standard.

■ In the interest of product improvement, the specifications and/or appearance of these units are subject to change without prior notice.  
■ For the latest information about system requirements of USB(MIDI) for the HP Series, visit us online at [www.Roland.com](http://www.Roland.com).

OPTIONS

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



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