

## Enhanced Piano Features and the Magic of DigiScore Bring Musical Enjoyment to Your Entire Family

Bringing together Roland's top-level touch, tone, and digital advantages in one attractive, space-saving instrument, the HPi-50e offers premium performance at an incredible value. True piano authenticity is further enhanced with the Dynamic Harmonic feature newly integrated into the SuperNATURAL Piano sound engine, and the new flagship PHA-4 Concert Keyboard with Escapement and Ebony/Ivory Feel brings a new level of expression with the latest touch-sensing technology. Individual Note Voicing lets you adjust the sound of each key to suit your taste, while the innovative Headphones 3D Ambience effect provides a rich, immersive



experience for your private practice sessions. Additionally, powerful onboard DigiScore features are displayed in high-resolution on the large color LCD that's built into the music rest, with digital sheet music and a wide range of skill-building exercises and games that make learning and playing fun for all ages.

- Experience the rich, complex tone of an authentic acoustic grand with SuperNATURAL Piano
- New PHA-4 Concert Keyboard with Escapement and Ebony/Ivory Feel features Roland's latest high-resolution touch-detection technology
- Fortissimo playing styles are fully expressed with the new Dynamic Harmonic feature, which provides both a unique tonal character and powerful sound
- Customize the piano's tone to your taste with Individual Note Voicing, which lets you adjust the pitch, volume, and character of each note independently
- Interactive DigiScore training programs include digital sheet music plus entertaining skill-building games and exercises
- Large, high-resolution (1280 x 800) color LCD built into the music rest
- 50 onboard rhythm accompaniments and nearly 400 internal songs, including popular études such as Czerny 100 and Hanon, plus classical masterpieces and popular songs
- 16-part SMF song recorder built in; records and plays WAV audio songs via optional USB flash memory
- Innovative Acoustic Projection system for natural, multi-dimensional sound
- Headphone 3D Ambience effect provides a rich, immersive sound field while using headphones for private practice
- Convenient features for daily playing, including independent volume for headphones, Volume Limit function, and adjustable music rest
- Progressive Damper Action pedal; wood cabinet with beautiful Simulated Rosewood finish

### Bring the Authentic Sound of a Grand Piano into Your Home

With the HPi-50e, you'll enjoy the rich, complex sound of an authentic acoustic grand as you learn and have fun with piano. Roland's SuperNATURAL Piano technology delivers perfect sound and expression, with tone color that changes naturally in response to your touch, from the softest notes to the loudest. Tone decay is natural and organic, with the sound not only decreasing in volume, but also gradually softening in tone as the notes fade away. With SuperNATURAL Piano, every note has its own character, faithful to the performance of a real acoustic grand. Upright piano tones are now included as well, which provide the unique short decay and up-close sound of a traditional upright instrument.

### Explore an Expanded Range of Dynamic Expression

In the HPi-50e, the SuperNATURAL Piano sound engine has been enhanced with the newly developed Dynamic Harmonic feature, which allows you to adjust the unique overtone characteristics created with fortissimo playing. If you're a student, this provides a new palette of tonal colors to explore as the strength of your key touch improves. This unique feature also offers a deep level of expressive control that will be welcomed by more experienced players.

### Customize the Sound to Suit Your Playing Style or Living Space

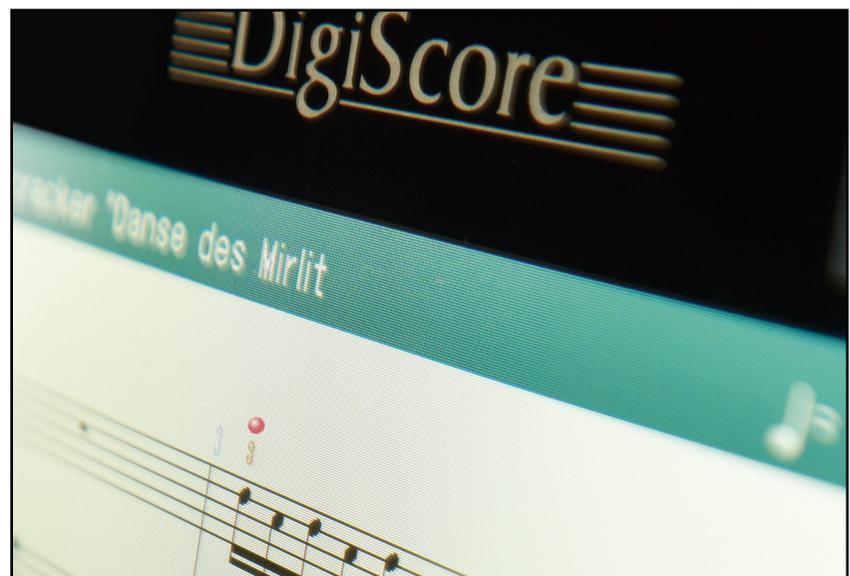
With the onboard Piano Designer, it's easy to modify the HPi-50e's sound for your personal playing style or a specific musical genre. For even more detailed customization, the newly added Individual Note Voicing feature lets you adjust the pitch, level, and tonal character independently for all 88 notes. This unique and powerful voicing option is also useful for balancing the overall piano sound to suit the acoustic properties of any room or the response of a particular set of headphones. Using optional USB memory, you can save and recall your favorite custom settings to instantly change the piano's sound for any application.

### Enhanced Touch to Feed Your Inspiration

As your expressive skills develop, your piano performances will shine on the HPi-50e. Roland's new flagship PHA-4 Concert Keyboard with Escapement and Ebony/Ivory Feel includes the latest touch-detection technology to derive the full tonal potential of the SuperNATURAL Piano sound engine. With fast key repetition and high-resolution sensing, the PHA-4 faithfully translates into sound the subtlest differences in tone from different playing styles and dynamics. In addition, the keys are finished with specially developed materials that have moisture-absorbing properties, providing the natural texture and tactile sensation of real ivory and ebony keys on a fine acoustic grand. The PHA-4's authentic hammer-action mechanism also produces less audible noise than previous designs, a welcome feature for not disturbing others when playing with the speakers muted during practice sessions with headphones.

### Expand Your Learning and View Digital Sheet Music with High-Resolution DigiScore

Roland's acclaimed DigiScore technology puts an advanced environment for learning and enjoying music right inside your piano. Digital sheet music is displayed on the large, built-in color LCD, with the ability to show 32nd notes and up to 48 measures of music at one time. In addition, the Auto Sync feature ensures that the onscreen notation perfectly follows your performance regardless of your tempo, with the digital pages turned in sync as well. Onboard exercises make sharpening your skills challenging and fun, as do numerous features such as the graphical metronome, onscreen keyboard, Fingering Number display, and many others.



## ❑ Develop Essential Piano Techniques with Notation-Based Programs

A wide variety of interactive practice features offer solid support for developing piano skills. The Finger Training course displays the “finger power” in both hands on screen while playing the built-in Hanon exercises, and the Visual Lesson application identifies areas in the digital sheet music that you need to work on. These and other features provide powerful tools to improve your playing, no matter whether you’re a beginner just starting out or an advanced pianist who has been playing for years.

## ❑ Motivate Your Children to Practice with Fun Skill-Building Games

Students will enjoy the HPi-50e’s friendly, interactive DigiScore games, which provide a fresh, innovative way to learn at their own pace. For example, the DoReMi Course is a no-pressure review on music reading and fingering techniques, while the Scroll Game lets you play along with a graphical piano roll on the display. Also included is the Medal Collection application, which awards gold, silver, or bronze medals based on accuracy while playing along with the built-in songs. Challenging and entertaining, the games are great fun for children and adults alike.

## ❑ Authentic Damper Pedal Response

Equipped with a Progressive Damper Action pedal, the HPi-50e accurately replicates the true damper pedal behavior of an acoustic piano. The pedal has light resistance when first pressed, and more resistance as the damper function begins to take effect. This continuous tactile response makes it easy for the performer to control the damper function, and also allows for advanced “half-pedal” techniques that provide subtle degrees of control over sustain and resonance.

## ❑ Experience the True Sound Field of an Acoustic Piano

The unique sound space that is created when you play an acoustic piano is realized through a complex yet harmonious combination of elements, including resonances among the instrument’s strings, soundboard, and frame. The HPi-50e recreates this authentic sound space through Roland’s innovative Acoustic Projection technology, which marries the multi-dimensional audio system found in our flagship V-Piano Grand with the SuperNATURAL Piano sound engine. Acoustic Projection employs multiple speakers that are discretely placed to project the piano’s various sound elements from their natural positions. These elements are naturally blended in the air space surrounding you, reproducing the true sound field of an acoustic piano with stunning accuracy.

## ❑ 3D Sound Space for More Enjoyable Practice with Headphones

If you practice at night or when others are nearby, you’ll likely be listening to the HPi-50e through headphones for long periods of time. With the newly developed Headphones 3D Ambience effect, you can now enjoy the unique sound field of an acoustic piano during these private sessions. This innovative technology greatly enriches the piano experience when playing with headphones, making it feel as though the sound is emanating from the instrument itself.

## ❑ Compose Songs and Create Charts and Lesson Materials

The HPi-50e’s 16-part song recorder is great for developing composition skills, and also provides an ideal way for piano teachers to create original lesson materials for their students. You can build a song by recording up to 16 individual parts one at a time, each with their own unique sounds. Once completed, your songs can be saved as WAV audio files to optional USB flash memory, where they can then be transferred to a computer for CD creation or Internet sharing. You can also create music notation from a song with DigiScore, saving it as a BMP file to USB memory so you can print it from your computer. This provides a quick and easy way for teachers to create charts that are customized for individual students.

## ❑ Convenient Extra Features for Everyday Playing

The HPi-50e includes many great practical features to support and enhance your daily piano activities. A Volume Limit function lets you preset a maximum level for the piano’s volume control, providing a great way to prevent your kids from playing loud sounds unexpectedly. You can also adjust the desired headphones volume separately from the speaker volume, which helps prevent unintended loud sounds from being output through the headphones when they’re plugged in. And with both stereo 1/4-inch and stereo 1/8-inch miniature headphone jacks, you can connect either standard over-ear headphones or the small earphones that are popular with music players and mobile devices. The HPi-50e’s built-in music rest is easily adjustable for anyone that plays the piano, allowing you to set the ideal angle to match the sitting height of everyone from small children to adults.