CASIO

Go Beyond Sound

CASIO DIGITAL PIANO

2019-2020

Privia

CELVIANO

Coloring the World with Beautiful Harmonies

Our goal is to bring the joy of playing music to everyone. In this pursuit, Casio has continually refined its advanced sound technology for more than 40 years developing electronic musical instruments. Privia digital pianos deliver beautiful resonance and precision touch in a compact, lightweight body, and CELVIANO digital pianos offer the robust design and sophisticated expressiveness of a grand piano. Our lineup includes a great match for every type of person, making it easy for anyone to perform high-quality piano music. Casio will continue to refine the quality and sound of its digital pianos, moving ever closer to true acoustic piano sound and beautiful harmony to captivate the world.

AiR SOUND SOURCE

State-of-the-Art Casio Sound Technology

Enjoy deep, delicately beautiful sound like that of a grand piano. Casio has built upon its advanced digital technology to develop Multi-dimensional Morphing AiR Sound Source, which delivers expressive performance and delicate resonance unlike anything a conventional digital piano can do by creating sounds that change over time and in response to strength of key touch. Casio has been developing electronic musical instruments for more than 40 years so you can experience unparalleled high-quality performance and beautifully rich resonance.

CELVIANO

Acoustics with a Technology Edge

Integration of the piano's original nature with Casio's advanced technologies.
An unprecedented quality dimension, born from the meeting of acoustic with digital, adds a new chapter to the history of the piano.

AP-710 Embodies the sound of the world's three legendary pianos with advanced digital technology

AiR Grand Sound Source

Three Legendary Pianos

The storied tradition of the piano, an instrument with a long history going back to the 1700s, lives on today in three superb pianos. Casio exhaustively researched and analyzed the tonal characteristics of these three full concert grand pianos, made in Berlin, Hamburg, and Vienna. We drew upon the full range of our digital technologies to express the tone color of these grand pianos in the AiR Grand Sound Source. It is now possible to enjoy to the fullest the magnificent sound of these historic pianos, beloved by Liszt, Debussy, and other musical giants, in a single digital piano.


[Berlin Grand]


[Hamburg Grand]


[Vienna Grand]

Berlin Grand sound was developed in collaboration with C. Bechstein.

When speaking of the C. Bechstein piano, Claude Debussy declared, "Piano music should only be written for the Bechstein." This history of C. Bechstein pianos begins with the company's founding by Carl Bechstein in Berlin in 1853. Now, Casio has joined in collaboration with this renowned piano maker to develop the "Berlin Grand" tone, a balanced, elegant sound with a clearly defined shape. To create its exquisite clarity of tone and vibrancy, we analyzed the tone color of the ultimate C. Bechstein masterpiece, the D282. The resulting sound, which meets with the approval of even C. Bechstein master piano maker Werner Albrecht, has been incorporated into the CELVIANO AP-710 as "Berlin Grand."

AP-710BK
Satin Black

[Sound] • AiR Grand Sound Source • 256-note polyphony (maximum) • Half-damper Pedal • String Resonance • Damper Resonance • Key Off Simulator • Key Action Noise • Lid Simulator • Openable Top Board Structure **[Touch]** • Tri-sensor Scaled Hammer Action Keyboard II • Hammer Response • Simulated Ebony and Ivory Keys **[Features]** • 15 Concert Play songs • Full-dot LCD with backlight • Audio Recorder (to USB flash drive, WAV format) • 26 tones • Digital effects: Hall simulator, Chorus, Brilliance, DSP • Lesson feature using 60 Music Library songs plus 10 user-loaded songs • MIDI Recorder • Duet Mode • USB TO HOST and USB TO DEVICE • LINE IN / OUT jacks (L / MONO, R for each) • Slide-type keyboard cover • 2-way 6-speaker system (30W + 30W) • Adjustable-height piano bench included

AiR Grand

26 built-in tones

Maximum polyphony 256

CELVIANO

AP-470

Controls the richly beautiful resonance by simulating the way the sound changes when the lid is open

AP-470BK
Black

AP-470BN
Brown

AP-470WE
White

AiR SOUND SOURCE | 22 built-in tones | Maximum polyphony 256

AP-270

Comes installed with two nicely contrasting grand piano sounds

AP-270BK
Black

AP-270BN
Brown

AP-270WE
White

AiR SOUND SOURCE | 22 built-in tones | Maximum polyphony 192

AP-650M

Features 250 built-in tones full of variety that address a wide range of musical genres

AP-650MBK
Black

Full-dot LCD with backlight

AiR SOUND SOURCE | 250 built-in tones | 180 built-in rhythms | Maximum polyphony 256

Privia

Slim. Stylish. Smart.

Delivers elegant sound and natural keyboard touch in a lightweight and compact body, and lets you play your favorite songs to your heart's content whenever and wherever you like. Offers a rich resonance that will color your unique piano experience.

PX-S1000

A new Privia piano experience,
evolved in both style and sound

PX-S1000BK
Black

PX-S1000WE
White

PX-S1000RD
Red

AiR SOUND SOURCE

18 built-in tones

Maximum polyphony 192

Bluetooth

PX-S3000

Authentic piano sound and feel,
plus a wealth of rhythms and tones to explore

PX-S3000BK
Black

AiR SOUND SOURCE

700 built-in tones

200 built-in rhythms

Maximum polyphony 192

Bluetooth

Privia

PX-870

Features Sound Projection to produce a rich, expansive sound through punched metal slits in the top panel

PX-870BK
Black

PX-870BN
Brown

PX-870WE
White

Sound Projection

AiR SOUND SOURCE

19 built-in tones

Maximum polyphony 256

PX-770

Stand and three-pedal unit are integrated into the body to provide piano quality with reliable sound and touch

PX-770BK
Black

PX-770BN
Brown

PX-770WE
White

AiR SOUND SOURCE

19 built-in tones

Maximum polyphony 128

PX-780M

Provides exceptional playability and operability; also has an abundance of non-piano tones

PX-780MBK
Black

Pitch Bend Wheel

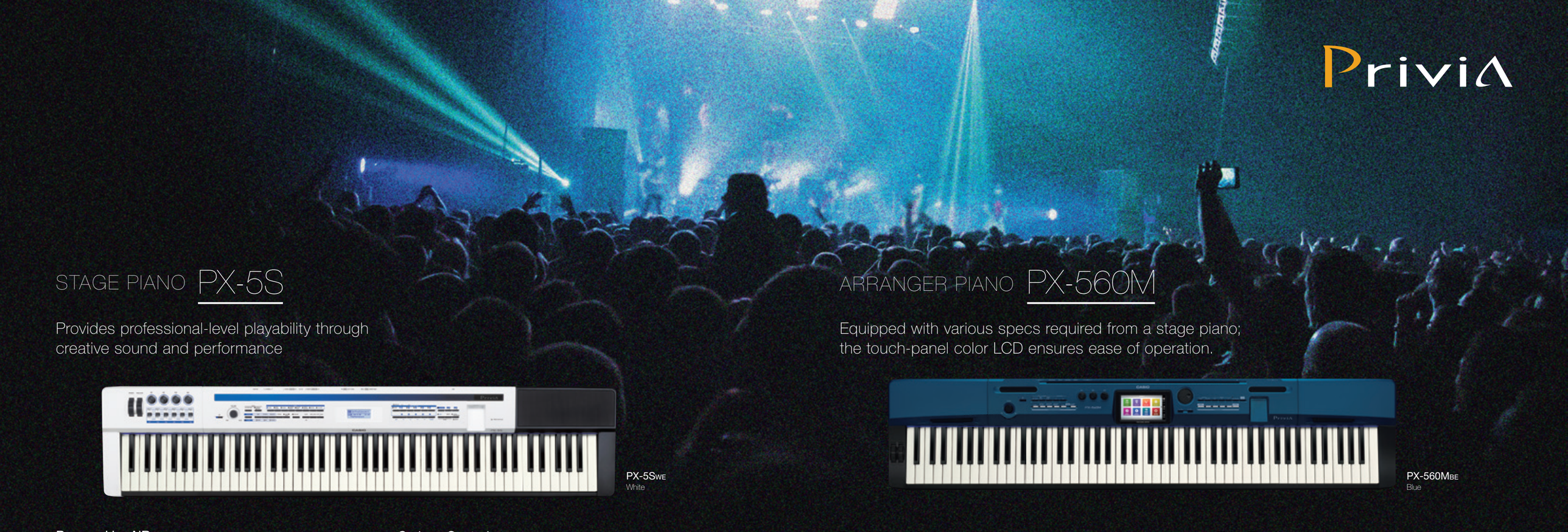
Full-dot LCD with backlight

AiR SOUND SOURCE

250 built-in tones

180 built-in rhythms

Maximum polyphony 128



STAGE PIANO PX-5S

Provides professional-level playability through creative sound and performance

PX-5SWE
White

Powered by AiR

At the heart of the PX-5S Stage Piano is Casio's proprietary AiR sound source which provides incredible realism, detail and expression for grand piano sounds.
In the PX-5S, the power of AiR has been expanded to provide stunning fidelity and control over other instrument tones and effects with 256 notes of polyphony.

AiR SOUND SOURCE
Acoustic and intelligent Resonator

Old School, New Class

In addition to Privia's award winning grand piano sounds, the PX-5S has an arsenal of newly developed sounds including classic electric piano, harpsichord and clav sounds. Some of these tones are complete with release samples, amplifier and speaker simulations for an incredibly authentic experience.

New Sonic Territory

The PX-5S redefines what a stage piano should be, providing an arsenal of other sounds and creative tools including 4 arpeggiators and Casio's powerful "Hex-Layer" synth engine.

Serious Control

The PX-5S is a powerful four zone controller, complete with 4 knobs and 6 sliders all of which are completely configurable to control internal sounds, effects parameters or send continuous controllers to other gear. Each zone on the PX-5S can control an internal sound, an external MIDI device or both simultaneously.

Stage Settings

The PX-5S has 100 completely user configurable Stage Settings which are arranged in 10 banks of 10 each. When you're within a bank, each Stage Setting is just one button press away allowing you to seamlessly switch configurations during a live show. Stage Settings can easily be edited, moved or replaced using the PX-5S's Data Manager software.

Hex Layers

Hex Layers were originally introduced in the award winning XW-P1 synthesizer. Due to the power of the AiR sound source, PX-5S takes them several steps further. A Hex Layer is a single complex tone that can be made up of six sample layers. These can be stacked (layered), split or velocity switched. Each of those six layers gets its own filter (LP, HP, BP) and filter envelope, its own AMP envelope and pitch envelope (all 7 stage envelopes). You can even have layers that are triggered on key-release. A Hex Layer tone gets its own insert effect but you can choose if a layer uses that insert or the amount that goes to the system effects (chorus, delay, reverb). Best of all, the PX-5S can use two Hex Layer tones simultaneously.

AiR SOUND SOURCE | 370 built-in tones | Maximum polyphony 256

ARRANGER PIANO PX-560M

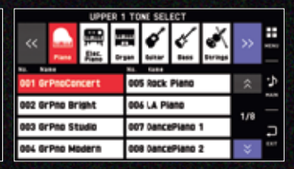
Equipped with various specs required from a stage piano; the touch-panel color LCD ensures ease of operation.

PX-560MBE
Blue

Touch Your Music

Front and center is Casio's new Color Touch Interface. Its bright, 5.3" display is clear and easy to read, and the interface is inspiring yet simple. You'll see familiar graphics to help you select instruments and functions, making exploring the PX-560M fun and easy. You'll find yourself experimenting with new ideas, new sounds, and new ways of creating music.

5.3" Color Touch Interface



The Piano

Casio's Multi-Dimensional AiR Sound Source delivers some of the best piano sounds. Its Linear Morphing technology creates smooth transitions between the softer and louder sounds. Damper Resonance gives you the deep feeling of the piano's soundboard interacting with the strings. String Resonance models the harmonic relationships between vibrating strings. Hammer Response mimics the time between pressing the key and the hammer striking the strings. Key Off Simulation gives you control of a note's decay by how quickly the key is released. And with a massive 256 notes of polyphony, they combine to form the perfect and complete experience of playing a 9-foot concert grand piano.

Take The Stage

The PX-560M is designed to perform, and to make you sound your best. You'll be delighted at how light weight it is (just over 26 pounds), and how easily you can integrate it into your live setup. Its 1/4" outputs and inputs give you great connectivity for PA systems and multi-keyboard rigs, and its dual pedal inputs can be configured to accept an expression pedal, damper pedal, or footswitches.

Bring The Band

PX-560M includes 650 Tones, covering a huge variety of musical instruments and genres. There are dynamic and expressive guitars, basses, strings, drums, and much more, enhanced by powerful onboard DSP effects. The 220 onboard Rhythms allow multiple instruments to follow your playing, creating a backing band that plays in the style of your choice. You can also even assemble 30 customized User Rhythms by combining basslines, drum beats, and other elements, and create 100 of your own Music Presets, which encompass a Rhythm, Tones, effects, and built-in chord progressions.

A Built-in Studio

The PX-560M gives you two ways to make sure your work is preserved. There is a 17-track MIDI recorder with editing features, and a USB audio recorder that creates an audio file directly onto a USB stick. You can create the sounds you want to play, record and edit MIDI songs with them, then add external instruments via the audio inputs, and capture the whole mix to share with the world.

AiR SOUND SOURCE | 650 built-in tones | 220 built-in rhythms | Maximum polyphony 256

CDP-S Series

Featuring a remarkably slim body,
this new CDP-S displays evolutions
in both its sound and keyboard.

CDP-S350

A digital piano with a lifetime of musical exploration,
featuring a wide variety of tones and rhythms.

CDP-S350BK
Black

700 built-in tones

200 built-in rhythms

Maximum polyphony 64

LCD with Backlight

Pitch Bend Wheel

Optional three-pedal unit

SP-34

* Not supported for the CDP-S100.

CDP-S150

A well-equipped and lesson-ready digital piano
with optional SP-34 three-pedal unit.

CDP-S150BK
Black

10 built-in tones

Maximum polyphony 64

CDP-S100

An instrument that's perfect for everyone,
focused on piano sound and feel.

CDP-S100BK
Black

10 built-in tones

Maximum polyphony 64

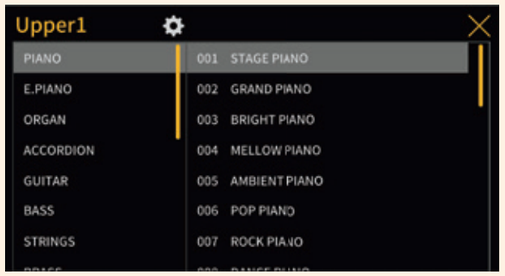
Chordana Play *for Piano*

Making digital piano performances
easier and more fun!

Free Download

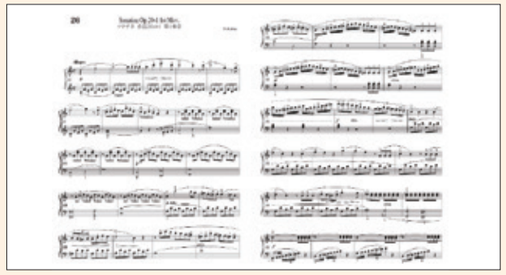
* AP-470, AP-270, PX-S1000, PX-S3000, PX-870, PX-770, CDP-S350, CDP-S150 and CDP-S100 only

Piano Remote Controller



Connect your smartphone or tablet to a compatible Casio digital piano to control various settings.

PDF Score Viewer

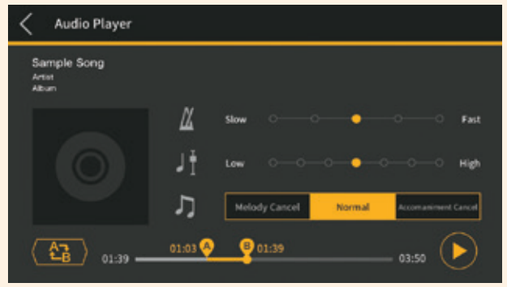


The viewer can display the PDF sheet music of 60 songs in the Music Library. It can also be used as a regular PDF file viewer.

MIDI Player

Visually check the next key or keys to be played, and display them in the piano roll window. Play at your own pace using the tempo adjustment and AB repeat features. Keep track of your improving skills and make practicing more fun with the in-built scoring system.

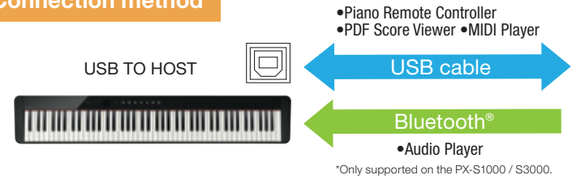
Audio Player



Play back audio on your device with musical tools such as key shift and tempo change, looping, and melody cancel.

* With some audio files, melody cancel may not be able to cancel the entire melody.

Connection method



*Connection method differs according to smart device model. *Confirm operating system compatibility for individual models on the AppStore or GooglePlay™.

Visit the website below for more information.
https://web.casio.com/app/en/piano/

Download on the App Store

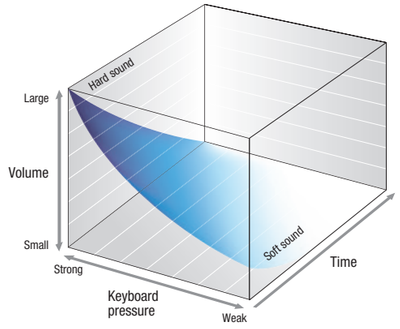
GET IT ON Google Play

Sound

Expression in three dimensions of changes in reverberations in response to the keyboard touch and passage of time

[Multi-dimensional Morphing AiR* Sound Source]

Casio's original Multi-Dimensional Morphing AiR* Sound Source extends sounds beautifully, naturally reproducing the changes in reverberations, characteristic of the piano, occurring with the passage of time as the sound dies away. The pianist can control everything down to even the length of the lingering sounds by varying the force with which the keys are struck, just as with an acoustic piano. Not only does the volume change in response to the touch on the keys, but the nuances of the sound itself, from extremely weak, delicate ***ppp*** (pianississimo) to astonishingly powerful ***fff*** (fortississimo), are reproduced in smooth, borderless transitions. A stereo resonance simulator has been incorporated for all 88 keys, moreover, reproducing the full string resonance of a grand piano more naturally.



[AiR* Grand Sound Source combining the tones of 3 legendary grand pianos] (AP-710)

The AiR* Grand Sound Source was achieved through deployment of advanced technologies in pursuit of the tonal qualities of three world-renowned full concert grand pianos. Every effort has been made to represent the finest characteristics of each instrument in reproducing the tones and reverberations as well as such effects as the sound reflection after keys are struck.

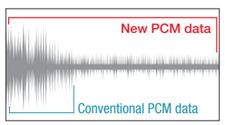
*AiR = Acoustic and Intelligent Resonator

Berlin Grand	Balanced, elegant sound with a clearly defined shape. A clarity of sound and tone for melodies that are graceful and richly colored. Ideal for playing impressionistic music.
Hamburg Grand	Brilliant, richly resonant sound full of dynamism and power. A sound loved by many pianists for its breadth of expression. Well suited to a wide range of playing styles and genres.
Vienna Grand	An impressive low range particularly suited to exquisite, softly played pieces. A richly expressive yet profoundly tranquil sound. The ideal instrument for classical music.

New sampling technology pursuing the ultimate expressive power of an acoustic piano

[Higher Capacity Memory]

The acoustic level achieved by a digital piano is determined by the capacity of the memory that stores sounds after sampling. A new high-capacity memory, boasting a capacity in excess of approximately three times our previous models (converted linearly), is installed for the Multi-dimensional Morphing AiR Sound Source. The waveform data sampling capacity has increased dramatically, enabling natural reproduction of the delicate changes in waveforms associated with concert grand pianos. The sound quality and resonance have achieved astonishing evolution, realizing an ability to produce simultaneous sounds comprising up to 256 notes in high-end models.



Sound source memory expanded to reproduce original sounds more naturally!

[Lossless Audio Compression]

Digital pianos normally compress and record sound waveform data in their built-in memory. This data is then expanded and played back when recalled. As in the case of compressed audio data such as MP3, therefore, the played-back sound simply cannot avoid deterioration with respect to the original sound. But the advanced Lossless Audio Compression technology adopted for Casio's Multi-dimensional Morphing AiR Sound Source has made it possible to reproduce sounds without this deterioration of the original sound quality. This permits enjoyment of musical performances with acoustics that are immeasurably closer to natural piano sounds.

* Illustrations and graphs are conceptual images for reference purposes only.

88-key stereo resonance simulator reproducing a deep acoustic piano resonance

[String Resonance]

The sound produced by an acoustic piano is not only the sound associated with the keys that are struck. Other strings with frequencies closely associated with those producing the sounds resonate as well, adding their sound to give the music a uniquely rich resonance. In ordinary digital pianos, this string resonance effect is reproduced virtually with strings. The Multi-dimensional Morphing AiR Sound Source takes a different approach, however, by adopting a String Resonance system incorporating a stereo resonance simulator for all 88 keys. The resonance of the 88 keys is reproduced completely and naturally. The resonance realized by playing a single tone is differentiated from that realized by playing a chord to reproduce the resulting variations in resonance in a natural manner. This even enables players to achieve varying resonances, controlling them at will by the strength of their touch, and thus to realize performances with the unique expressiveness of an acoustic piano.

* AP-710, AP-470, AP-650M, PX-S1000, PX-S3000, PX-870, PX-5S and PX-560M only

[Damper Resonance]

The deep, beautiful resonance resulting from the use of a damper pedal is also reproduced naturally by a stereo resonance simulator installed on all 88 keys, an approach that differs from conventional simulated reproduction employing effect processing. The attention to detail goes so far as to simulate the resonance created by the lifting of the dampers themselves when the pedal is pressed. A continuously variable system* has been adopted for the damper pedal, moreover, reproducing even the subtle changes in reverberation that occur in response to the delicate pressure exerted by partial pedal operation. This enables players to employ pedal operation to achieve gracefully expressive performances.

* AP-710, AP-470, AP-650M, PX-S1000, PX-S3000, PX-870, PX-5S and PX-560M only

[Key Off Simulator*1 / Key Action Noise*2]

The lengths of the reverberations and expressions a grand piano produces vary depending on the speed at which players release their fingers after touching the keys. Casio AiR Sound Source incorporates the Key Off Simulator, which delivers the nuances of reverberations that occur at the time of finger release, enabling the player to convey delicate sensibilities. It is also equipped with Key Action Noise, which even makes it possible to express the mechanical sounds that are heard when keys are depressed lightly or fingers are released from the keys, creating a sense of the sounds that only a grand piano can produce.

* 1 Key Off Simulator is incorporated in the grand piano sounds of the AP-710, AP-470, AP-650M, and PX-870; and in the grand piano, clavichord, and harpsichord sounds of the PX-5S and PX-560M.

* 2 Key Action Noise is incorporated in the AP-710, AP-470, PX-S1000, PX-S3000, and PX-870.

[Openable Top Board Design]

The external designs of the AP-710, AP-650M and AP-470 models feature a lid on top that can be opened and closed. Opening the lid enables the pianist to play music with abundant dispersed sound, much like that produced by a grand piano with its lid open.

* AP-710, AP-470 and AP-650M only


[Equalizing Technology]

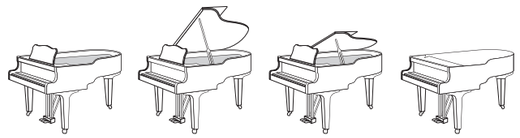
With an acoustic piano, the strings' vibrations are amplified by the soundboard, generating sound from throughout the instrument. Casio's equalizing system imparts a unique sensation of three-dimensional depth and creates a natural sound space. It represents yet another advance in the pursuit of optimal sound and playing pleasure.

[Lid Simulator]

The volume and timbre of sound produced by a grand piano change depending on the degree to which the lid is open or closed. The Lid Simulator simulates these acoustic effects digitally. Pianists can select among four settings for opening and closing stages and enjoy playing music with the piano sound effect of their choice.

* AP-710, AP-470, AP-650M, PX-870 and PX-5S only
* The PX-5S's Lid Simulator serves as a DSP.
* The Lid Simulator's setting value remains unchanged, regardless of whether the piano's top board is open or closed.

The 4 stages of a grand piano's lid opening and closing have been investigated and imitated.


[Lid removed] [Full-open] [Semi-open] [Closed]

Touch

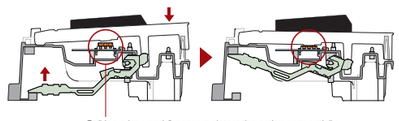
[Tri-sensor Scaled Hammer Action Keyboard II]

The difference between the sound structures of a grand piano and a digital piano appears as a difference in timing, from the moment the instrument is played until the sound is audible. The Tri-sensor Scaled Hammer Action Keyboard II responds by incorporating a system with three sensors that detect keystrokes sequentially. This permits minute variations in the time between detection of a keystroke and sound production, depending on the speed of the keystroke. The sensor system also enables a sound to be produced continuously, even when the key has not fully returned to its resting position, a feature assuring excellent playability when the same note is struck repeatedly. Also as in a grand piano, moreover, the action mechanism relies solely on the weight of the hammer, with absolutely no springs employed, thus providing both a definite playing response and a smooth touch. The keys become progressively heavier as the sound becomes lower and progressively lighter as the sound becomes higher, faithfully simulating this characteristic of a grand piano.

* AP-710, AP-470, AP-270, AP-650M, PX-870, PX-770, PX-780M, PX-5S and PX-560M only

Three sensors are installed to match a grand piano's keyboard action.

The period between the time a keystroke is detected and the sounding response occurs is controlled by the strength of the keystroke. Sounding occurs when playing ends.



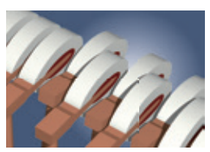
Striking a key, and 3 sensors detect the action sequentially.

[Hammer Response]

Patented (Japan)

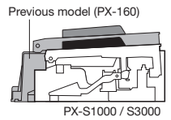
The sizes of the hammers that strike the strings differ among the various key blocks in a grand piano. The sounding timing consequently varies subtly, even when keys are struck with the same strength. The new keyboard system carefully reproduces these differences in sound production timing from one register to another. It even simulates the differences in sound production timing according to the force with which a key is struck.

*Except model CDP-S100, CDP-S150, and CDP-S350



[Smart Scaled Hammer Action Keyboard]

PX-S1000 and PX-S3000 deliver a significant reduction in the size of the action mechanism that simulates the weight of the hammers in a grand piano. In a slim body just 232 mm deep, the keyboard offers a natural touch reminiscent of a grand piano in an amazingly compact form.



Dramatically reduced hammer action structure size

■Key Off Response allows fast note repetition

The note off timing is digitally controlled based on the movement of the keys during release. When hitting the same tone repeatedly, the next note can be produced before the key returns to its topmost position.

■88-Key Digital Scaling realizes a grand piano-like touch

The touch of a grand piano varies with the differences in size and weight of the hammers over each of the 88 keys. PX-S1000 and PX-S3000 deliver the feeling of playing a grand piano through a meticulous key-by-key digital simulation of these subtle differences in touch.

[Simulated Ebony and Ivory Keys]

The simulated ebony and ivory keys offer the luxurious feel and texture as well as the smooth touch of a grand piano keyboard. The minutely detailed crimp surface finish inhibits finger slippage due to sweat and gives the sensation of a perfect fingertip fit, even when playing for extended periods.

Features

[Hall Simulator]

The Hall Simulator function simulates the differing acoustic characteristics of world-famous concert halls, from pure reverberation with outstanding tonal transparency to free-spirited, dazzling reverberation. An advanced equalizing system assures the pianist's full enjoyment of vital piano sound.

* AP-710, AP-470, PX-S1000, PX-S3000 and PX-870 only

Hall Simulator settings

	AP-710	AP-470	PX-S1000	PX-S3000	PX-870
Dutch Church	●	●	–	–	●
Standard Hall	●	●	●	–	●
Berlin Hall	●	●	●	●	●
French Cathedral	●	●	–	–	●
N.Y. Club	–	–	–	●	–
Opera Hall	–	–	●	●	–
British Stadium	–	–	●	●	–
Room	●	–	–	–	–
Salon	●	–	–	–	–

[Concert Play*1]

High-quality audio data recordings of live orchestra performances are installed. Pianists can play along with the recordings and enjoy the feeling of participating in a magnificent performance. Musical scores of the concerts are bundled.

*1 AP-710, AP-470, AP-270, PX-870 and PX-770 only

Installed music

- Je Te Veux
- Vltava (Má vlast)
- Canon
- Tableaux d'Une Exposition "Promenade"
- Piano Concerto No.20 K.466 2nd Mov.
- Polovetzian Dance (Prince Igor)
- Sonate K.331 1st Mov.
- Violin Concerto Op.64 1st Mov.
- Jesus, Bleibet Meine Freude
- Melody In F
- Piano Concerto No.1 Op.23 1st Mov.*2
- Prelude "Raindrop"*2
- Symphony No.9 "An Die Freude"*2
- Sonate Op.13 "Pathétique" 2nd Mov.*2
- Chanson Triste*2

*2 AP-710 only

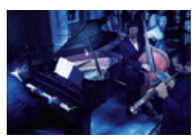
[Selection between 2 legendary grand piano sounds]

The installed sounds of two world-renowned grand pianos are separately selectable, depending on the genre of the music being played and the performance environment.

* AP-470, AP-270 only

GRAND PIANO 1

A superior instrument for powerful, richly reverberating performances. It reproduces classic grand piano sounds across the range from soft, delicate tones to strong, powerful tones, depending on the weight of the keystrokes.



GRAND PIANO 2

This is the right choice for bright, luxuriant performances. It makes its presence felt with crisp, straightforward sound, even when being played in a band. Its tonality is ideally suited to jazz and pop music.

[Headphone Mode]

Headphone Mode automatically creates a spacious sonic image while wearing headphones, recreating the feeling of playing an acoustic piano. With the experience of wearing headphones significantly enhanced, pianists can enjoy playing naturally and feeling the sound field of a traditional grand piano.

* AP-710, AP-470, PX-870 only

[Volume Sync EQ]

Volume Sync EQ is especially useful for quiet playing at home and other times when you want to keep the speaker volume low. This function balances the sound at low volumes by adjusting the sound quality in the low and high registers. The result is a constantly pleasant playing experience, no matter where the volume is set.

* AP-710, AP-470, PX-870 only

[Recording Functions]

Pianists can choose one of two recording functions, an audio recorder or a MIDI recorder, depending on their purpose.

■Audio Recorder

Pianists can use the audio recorder to record their own performances on USB flash drive (sold separately). Since the recording employs the WAV file data format, performances can be played back*1 with CD sound quality on either the instrument itself or another device such as a PC, audio system or portable music player.

Photo shows PX-560M.

*1 Playback possible on WAV file compatible devices.

* AP-710, AP-470, AP-650M, PX-S3000, PX-870, PX-780M, PX-5S and PX-560M only

■MIDI Recorder

Pianists can also use the piano's built-in memory to record their performances. The MIDI recorder supports recording of separate tracks, allowing pianists to complete compositions that are difficult to play with both hands by recording the right-hand segment first and then recording the left-hand segment on top of it.

* Except model CDP-S100

What is MIDI?

The letters MIDI stand for Musical Instrument Digital Interface, which is the name of a worldwide standard for digital signals and connectors that makes it possible to exchange musical data between musical instruments and computers (machines) produced by different manufacturers.

[Layer and Split]

The layer function enables pianists to overlap two types of tones, while the split function lets them separate tones into lower and higher blocks.

* Split: Except model CDP-S100 and CDP-S150

[Duet Mode]

The keys to the left and right of center on the keyboard can be set to the same tonal range. This Duet Mode is convenient when two players, such as a parent and child or a teacher and student, practice together.

* Except model CDP-S100

[Metronome Function]

The metronome comes in handy when practicing the piano. * Except model PX-5S

[Music Library / Song Bank]

A variety of built-in musical pieces can be played back for either listening pleasure or use in piano lessons. (Except models PX-S3000, PX-5S, PX-560M, CDP-S100, and CDP-S150.*)

* The scores for the AP-710, AP-470, AP-270, PX-S1000, PX-870 and PX-770 can be downloaded in PDF format from the CASIO website.

[Operation Lock]

The operation lock feature is used to lock the button operations to prevent unintentional setting changes.

* Except model CDP-S100 and CDP-S150

[Auto Power Off]

Auto power off is a practical feature that prevents wasteful electricity consumption by shutting down the power automatically when no operation has been conducted for a certain period of time.

[Connect via Bluetooth® to your devices]

With Bluetooth audio, you can listen to music stored on your smart device through your Privia's speakers and play along with your favorite songs. You can also apply a surround effect, making playback feel more like a live performance.

* PX-S1000, PX-S3000 only

OPTIONAL ACCESSORIES

STAND

CS-68PBK
• For PX-S1000 / S3000

CS-68PWE
• For PX-S1000 / S3000

CS-67PBK
• For PX-5S / 560M

CS-67PWE
• For PX-5S / 560M

CS-46P
• For CDP-S350 / S150 / S100

PEDAL

SP-34
• For PX-S1000 / S3000, CDP-S350 / S150

SP-20
• For PX-S1000 / S3000, PX-5S / PX-560M, CDP-S350 / S150 / S100

SP-33
• For PX-560M

PIANO BENCH

CB-7BK

CB-7BN

CB-7WE

CARRYING CASE

SC-800P
• For PX-S1000 / S3000, CDP-S350 / S150 / S100

SC-700P
• For PX-5S / 560M

SPECIFICATIONS

Function			Digital Pianos	
			CDP-S350	CDP-S150 / CDP-S100
Keyboard	Number of Keys		88	88
	Key Action		Scaled Hammer Action Keyboard II	Scaled Hammer Action Keyboard II
	Touch Response		3 Sensitivity levels, off	3 Sensitivity levels, off
Tones	Polyphony (maximum)		64	64
	Number of Built-in Tones		700	10
	Layer		●	●
	Split		●	–
Digital Effects	Types	Reverb	10	4
		Chorus	4	4
	DSP		● (Preset for some tones)	–
Accompaniment Rhythms	Number of Built-in Rhythms		200	–
	One Touch Preset		200	–
	User Rhythm		10	–
Songs	Song Bank		152 songs including 50 Exercise Phrases	–
	Demonstration Songs		1	2
	Song Expansion (User Songs)		10	–
Additional Features	Connection to App		● (Chordana Play for Piano)	● (Chordana Play for Piano)
	Lesson Function		Part ON/OFF	–
		Part Select	Right hand, Left hand, Both hands	–
	Recorder		6 tracks, 5 songs	1 track, 1 song / –
		Data Capacity	Approximately 12,000 notes	Approximately 2,500 notes / –
	Duet Mode		●	● / –
	Octave Shift		-2 octaves ~ 0 ~ +2 octaves	–
	Metronome		0 to 9 beats, tempo range 20 ~ 255	0 to 9 beats, tempo range 20 ~ 255
	Pedals		Included: Damper (SP-3) Optional 3-pedal unit: damper, soft, sostenuto (SP-34)	Included: Damper (SP-3) Optional 3-pedal unit: damper, soft, sostenuto (SP-34) / Included: Damper (SP-3)
		Half Pedal (Damper)	● (Optional SP-34)	● (Optional SP-34) / –
	Key Transpose		-12 semitones ~ 0 ~ +12 semitones	-12 semitones ~ 0 ~ +12 semitones
	Tuning Control		A4 = 415.5 Hz ~ 440.0 Hz ~ 465.9 Hz	A4 = 415.5 Hz ~ 440.0 Hz ~ 465.9 Hz
	Scale Tuning (Temperament)		Equal temperament + 16 variations	Equal temperament + 16 variations / –
	Pitch Bend Wheel		●	–
	Operation Lock		●	–
	Others		•Category button •Registration: 32 setups (4 areas x 8 banks) •Music Preset: 310 presets •Auto Harmonize: 12 types •Arpeggiator: 100 types •Auto Power Off	•Auto Power Off
Display			LCD with backlight	–
MIDI *7			● (GM level 1 compatible)	●
Connectivity and Storage	PHONES / OUTPUT		1 (Stereo mini jack) multi-use OUTPUT terminal	1 (Stereo mini jack) multi-use OUTPUT terminal
	Pedal		1 (Damper)	1 (Damper)
	Connector for 3-Pedal Unit		● (SP-34)	● (SP-34) / –
	AUDIO IN		● (Stereo Mini)	● (Stereo Mini)
	USB TO HOST *4		● *8	● *8
	USB TO DEVICE		● *9	–
Speakers and Amplifiers	Speakers	Size	[13 cm x 7 cm (oval)] x 2	[12 cm x 6 cm (oval)] x 2
		Speaker System	2 Speakers	2 Speakers
	Amplifiers		8 W + 8 W	8 W + 8 W
Power Supply	AC Adaptor		AD-A12150LW	AD-A12150LW
	Battery Drive		AA-size alkaline batteries x 6	AA-size alkaline batteries x 6
		Continuous Battery Life	Approximately 4 hours	Approximately 13 hours
Size *5	Width x Depth x Height		1,322 x 232 x 99 mm	1,322 x 232 x 99 mm
Weight			10.9 kg (without batteries)	10.5 kg (without batteries)
Included Accessories			Pedal (SP-3), Music Stand, AC Adaptor (AD-A12150LW)	Pedal (SP-3), Music Stand, AC Adaptor (AD-A12150LW)
EAN Code			4971850362463	CDP-S150: 4971850362456 CDP-S100: 4971850362449

**1 Hammer Response, String Resonance, Damper Resonance, Lid Simulator, Key Off Simulator and Damper Noise are available only for piano tones. *2 The Lid Simulator setting value remains unchanged regardless of whether the piano lid is open or closed. *3 Capacity values are based on 1 MB = 1,024 KB, and 1 KB = 1,024 bytes. *4 No USB cable is bundled with this product. Use a commercially available adaptable USB cable to connect it with a computer. *5 Excluding projections. *6 Damper resonance is linked to string resonance adjustments. *7 This product is not equipped with MIDI terminals. MIDI communication between the product and a computer is performed using the USB port. *8 Supported operating systems: Windows® 7 (32-bit, 64-bit), Windows® 8.1 (32-bit, 64-bit), Windows®10 (32-bit, 64-bit), macOS (OS X / Mac OS X) 10.7, 10.8, 10.9, 10.10, 10.11, 10.12,10.13,10.14 *9 Use a USB flash drive that is formatted as FAT32 or exFAT. • For details, visit the CASIO Website at: https://world.casio.com/.*

Function			CELVIANO			
			AP-710	AP-470	AP-270	AP-650M
Keyboard	Number of Keys		88	88	88	88
	Key Action		Tri-sensor Scaled Hammer Action Keyboard II	Tri-sensor Scaled Hammer Action Keyboard II	Tri-sensor Scaled Hammer Action Keyboard II	Tri-sensor Scaled Hammer Action Keyboard II
	Key Surface Finish		Simulated ebony and ivory keys	Simulated ebony and ivory keys	Simulated ebony and ivory keys	Simulated ebony and ivory keys
	Touch Sensitivity		3 sensitivity levels, off	3 sensitivity levels, off	3 sensitivity levels, off	3 sensitivity levels, off
	Hammer Response		● (OFF, 10 levels)	● (4 levels)	●	● (4 levels)
Tones	Sound Source		AiR Grand	Multi-dimensional Morphing AiR	Multi-dimensional Morphing AiR	Multi-dimensional Morphing AiR
	Polyphony (maximum)		256	256	192	256
	Layer		●	●	●	●
	Split		●	●	●	●
	Number of Built-in Tones		26 built-in tones:BERLIN GRAND, BERLIN GRAND (MELLOW, BRIGHT), HAMBURG GRAND, HAMBURG GRAND (MELLOW, BRIGHT), VIENNA GRAND, VIENNA GRAND (MELLOW, BRIGHT), Grand Piano (Modern, Rock, Jazz), Elec Piano 1, Elec Piano 2, FM E. Piano, 60's E. Piano, Harpsichord, Vibraphone, Strings 1, Strings 2, Pipe Organ, Jazz Organ, Elec Organ 1, Elec Organ 2, Acoustic Bass, Ride Bass	22 built-in tones: Grand Piano 1 (Concert, Mellow, Bright), Grand Piano 2 (Concert, Mellow, Bright), Modern Piano, Rock Piano, Jazz Piano, Elec Piano 1, Elec Piano 2, FM E. Piano, 60's E. Piano, Harpsichord, Vibraphone, Strings 1, Strings 2, Pipe Organ, Jazz Organ, Elec Organ 1, Elec Organ 2, BASS (LOWER)	22 built-in tones: Grand Piano 1 (Concert, Mellow, Bright), Grand Piano 2 (Concert, Mellow, Bright), Modern Piano, Rock Piano, Jazz Piano, Elec Piano 1, Elec Piano 2, FM E. Piano, 60's E. Piano, Harpsichord, Vibraphone, Strings 1, Strings 2, Pipe Organ, Jazz Organ, Elec Organ 1, Elec Organ 2, BASS (LOWER)	250 built-in tones: 14 Grand Piano tones, 17 Elec Piano tones,14 Organ tones, 16 Strings tones, 47 Various tones, 128 GM tones, 14 Drum sets
Simulator *1	String Resonance		● (OFF, 10 levels)	● (4 levels) *6	–	● (4 levels) *6
	Damper Resonance		● (OFF, 10 levels)		●	
	Lid Simulator *2		● (4 levels)	● (4 levels)	–	● (4 levels)
	Key Off Simulator		●	●	–	●
	Key Action Noise		●	●	–	–
	Damper Noise		● (OFF, 10 levels)	● (ON / OFF)	● (ON / OFF)	●
Digital Effects	Types	Hall Simulator / Reverb	6 types x 4 positions (Hall Simulator)	4 (Hall Simulator)	4 (Reverb)	4 (Reverb)
		Chorus	4 types	4 types	4 types	4 types
		Brilliance	●	●	●	●
		DSP	● (Preset for some tones)	● (Preset for some tones)	● (Preset for some tones)	● (Preset for some tones)
Accompaniment Rhythms	Number of Built-in Rhythms		–	–	–	180
	One Touch Preset		–	–	–	180
	User Rhythm (Rhythm Editor)		–	–	–	10
Songs	Concert Play		15 songs	10 songs	10 songs	–
		Controller	FF, REW, PAUSE, STOP, REPEAT, TEMPO DOWN	START, STOP	START, STOP	–
		Mode	Listen, Play	Listen / Lesson / Play	Listen / Lesson / Play	–
	Music Library		60 songs	60 songs	60 songs	60 songs
	Demonstration-only Songs		6 (Tone Demo)	–	–	6
	Song Expansion*3 (User Songs)		10 songs (max.) Up to approximately 90 KB/song	10 songs (max.) Up to approximately 90 KB/song	10 songs (max.) Up to approximately 90 KB/song	10 songs (max.) Up to approximately 320 KB/song
Additional Features	Top Board Open / Close*2		●	●	–	●
	Headphone Mode		●	●	–	–
	Volume Sync EQ		●	●	–	–
	Connection to App		–	● (Chordana Play for Piano)	● (Chordana Play for Piano)	–
	Lesson Function		Part ON / OFF	Part ON / OFF	Part ON / OFF	Part ON / OFF
		Lesson Part Select	Right hand, Left hand	Right hand, Left hand	Right hand, Left hand	Right hand, Left hand
	MIDI Recorder		2 tracks, 1 song	2 tracks, 1 song	2 tracks, 1 song	17 tracks (1 system track + 16 solo tracks), 5 songs, Punch-in/Punch-out recording
		Approximate Data Capacity	Approximately 5,000 notes total	Approximately 5,000 notes total	Approximately 5,000 notes total	Up to approximately 10,000 notes per song (total for all song tracks)
		Controller	FF, REW, PAUSE, START, STOP, REPEAT, TEMPO CHANGE	START, STOP	START, STOP	–
	Audio Recorder / Playback		Max. 99 songs, approximately 25 min/song (To USB flash drive, 44.1 kHz Stereo WAV format)	Max. 99 songs, approximately 25 min/song (To USB flash drive, 44.1 kHz WAV format)	–	Max. 99 songs, approximately 25 min/song (To USB flash drive, 44.1 kHz WAV format)
		Controller	FF, REW, PAUSE, START, STOP, REPEAT	START, STOP	START, STOP	–
	Duet Mode		●	●	●	●
	Octave Shift		-2 octaves ~ 0 ~ +2 octaves	-2 octaves ~ 0 ~ +2 octaves	-2 octaves ~ 0 ~ +2 octaves	-2 octaves ~ 0 ~ +2 octaves
	Metronome		0 to 9 beats; tempo range: 20 to 255	0 to 9 beats; tempo range: 20 to 255	0 to 9 beats; tempo range: 20 to 255	0, 2, 3, 4, 5, 6 beats; tempo range: 20 to 255 Tap tempo
	Pedals		3 built-in pedals (damper, soft, sostenuto)	3 built-in pedals (damper, soft, sostenuto)	3 built-in pedals (damper, soft, sostenuto)	3 built-in pedals (damper, soft, sostenuto)
		Half-Damper Pedal Operation	● (Seamless recognition)	● (Seamless recognition)	●	● (Seamless recognition)
		Half Pedal Position	● (-2 ~ 0 ~ 2)	–	–	–
	Key Transpose		-12 semitones ~ 0 ~ +12 semitones	-12 semitones ~ 0 ~ +12 semitones	-12 semitones ~ 0 ~ +12 semitones	-12 semitones ~ 0 ~ +12 semitones
	Tuning Control		A4 = 415.5 Hz ~ 440.0 Hz ~ 465.9 Hz	A4 = 415.5 Hz ~ 440.0 Hz ~ 465.9 Hz	A4 = 415.5 Hz ~ 440.0 Hz ~ 465.9 Hz	A4 = 415.5 Hz ~ 440.0 Hz ~ 465.9 Hz
	Scale Function	Number of Preset Temperaments	Equal temperament + 16 variations	Equal temperament + 16 variations	Equal temperament + 16 variations	Equal temperament + 16 variations
	Operation Lock		●	●	●	●
	Others		•Tone select button •Slide-type keyboard cover •Auto Power Off: Off after approx. 4 idle hours (default setting)	•GRAND PIANO 1 button •GRAND PIANO 2 button •Slide-type keyboard cover •Auto Power Off: Off after approx. 4 idle hours (default setting)	•GRAND PIANO 1 button •GRAND PIANO 2 button •Slide-type keyboard cover •Auto Power Off: Off after approx. 4 idle hours (default setting)	•Tone select button •Registration: 96 setups (4 areas x 24 banks) •Music Preset (including chord progressions): 300 presets and 50 user areas •Auto Harmonize: 12 types •Slide-type keyboard cover •Auto Power Off: Off after approx. 4 idle hours (default setting)
Display			Full-dot LCD with backlight	–	–	Full-dot LCD with backlight
MIDI			●	● *7	● *7	● (GM level 1 compatible)
Connectivity and Storage	PHONES / OUTPUT		PHONES: 2 (Stereo standard)	2 (Stereo standard) multi-use OUTPUT terminal	2 (Stereo standard) multi-use OUTPUT terminal	PHONES: 2 (Stereo standard)
	Connector for 3-Pedal Unit		●	●	●	●
	LINE OUT		2 (L / MONO, R), Standard jack	–	–	2 (L / MONO, R), Standard jack
	LINE IN		2 (L / MONO, R), Standard jack	–	–	2 (L / MONO, R), Standard jack
	MIDI		IN / OUT	–	–	IN / OUT
	USB TO HOST*4		● *8	● *8	● *8	● *8
	USB TO DEVICE		● *8	● *8	–	● *8
Speakers and Amplifiers	Speakers	Size	12 cm x 4, 5 cm x 2	12 cm x 2, 4 cm x 2	12 cm x 2	16 cm x 2, 5 cm x 2
		Speaker System	2-Way, 6-Speaker	2-Way, 4-Speaker	2-Speaker	2-Way, 4-Speaker
	Amplifiers		30 W + 30 W	20 W + 20 W	8 W + 8 W	30 W + 30 W
Size	Dimensions*5		1,377 x 427 x 911 mm (w/o music stand)	1,417 x 427 x 861 mm (Top board closed) (w/o music stand)	1,417 x 432 x 821 mm (w/o music stand)	1,377 x 427 x 911 mm (Top board closed) (w/o music stand)
Weight	Weight		48.0 kg	43.4 kg	36.6 kg	50.2 kg
Accessories	Included Accessories		Adjustable-height Piano Bench, AC Adaptor (AD-E24500LW), Score Books (Concert Play/Music Library), Music Stand, Headphone Hook	Adjustable-height Piano Bench, AC Adaptor (AD-E24250LW), Music Stand, Headphone Hook	Piano Bench, AC Adaptor (AD-A12150LW), Music Stand	Adjustable-height Piano Bench, AC Adaptor (AD-E24500LW), Score Book (Music Library), Music Stand, Headphone Hook
EAN Code			4971850362142	AP-470BK: 4971850362388 AP-470BN: 4971850362395 AP-470WE: 4971850362401	AP-270BK: 4971850362333 AP-270BN: 4971850362340 AP-270WE: 4971850362357	4971850361879

SPECIFICATIONS

Function			Privia					
			PX-S1000	PX-S3000	PX-870	PX-770	PX-780M	PX-560M
Keyboard	Number of Keys		88	88	88	88	88	88
	Key Action		Smart Scaled Hammer Action Keyboard	Smart Scaled Hammer Action Keyboard	Tri-sensor Scaled Hammer Action Keyboard II	Tri-sensor Scaled Hammer Action Keyboard II	Tri-sensor Scaled Hammer Action Keyboard II	Tri-sensor Scaled Hammer Action Keyboard II
	Key Surface Finish		Simulated ebony and ivory keys	Simulated ebony and ivory keys	Simulated ebony and ivory keys	Simulated ebony and ivory keys	Simulated ebony and ivory keys	Simulated ebony and ivory keys
	Touch Sensitivity		5 sensitivity levels, off	5 sensitivity levels, off	3 sensitivity levels, off	3 sensitivity levels, off	3 sensitivity levels, off	3 sensitivity levels, off
	88-Key Digital Scaling*1		●	●	–	–	–	–
	Hammer Response*1		●	●	● (4 levels)	●	●	● (8 levels)
	Key Off Response*1		●	●	–	–	–	–
Tones	Sound Source		Multi-dimensional Morphing AiR	Multi-dimensional Morphing AiR	Multi-dimensional Morphing AiR	Multi-dimensional Morphing AiR	Multi-dimensional Morphing AiR	Multi-dimensional Morphing AiR
	Polyphony (maximum)		192	192	256	128	128	256
	Layer		●	●	●	●	●	●
	Split		●	●	●	●	●	●
	Hex Layer		–	–	–	–	–	●
	Number of Built-in Tones		18 built-in tones: Grand Piano (Concert, Bright, Mellow), Rock Piano, Jazz Piano, Elec Piano, Digital E. Piano 1, Digital E. Piano 2, 60's E. Piano, Harpsichord, Vibraphone, Strings 1, Strings 2, Pipe Organ, Jazz Organ, Elec Organ 1, Elec Organ 2, BASS (LOWER)	700 built-in tones: 28 Grand Piano tones, 42 Elec Piano tones, 42 Organ tones, 30 Strings tones, 500 Various tones, 58 Pad tones	19 built-in tones: Grand Piano (Concert, Mellow, Bright), Modern Piano,Rock Piano, Jazz Piano, Elec Piano 1, Elec Piano 2, FM E. Piano, 60's E. Piano, Harpsichord, Vibraphone, Strings 1, Strings 2, Pipe Organ, Jazz Organ, Elec Organ 1, Elec Organ 2, BASS (LOWER)	19 built-in tones: Grand Piano (Concert, Mellow, Bright), Modern Piano,Rock Piano, Jazz Piano, Elec Piano 1, Elec Piano 2, FM E. Piano, 60's E. Piano,Harpsichord, Vibraphone, Strings 1, Strings 2,Pipe Organ, Jazz Organ, Elec Organ 1, Elec Organ 2, BASS (LOWER)	250 built-in tones: 14 Grand Piano tones, 17 Elec Piano tones, 14 Organ tones, 16 Strings tones, 47 Various tones, 128 GM tones, 14 Drum sets	650 built-in tones: 28 Grand Piano tones, 57 Elec Piano tones, 38 Organ tones, 40 Guitar tones, 22 Bass tones, 45 Strings tones, 27 Brass tones, 25 Reed tones, 84 Synth tones, 38 Ethnic tones, 128 GM tones, 100 Hex Layer tones, 18 Drum sets
		User Tones	–	–	–	–	–	400
Simulator *1	String Resonance		● (4 levels, off)	● (4 levels, off)	● (4 levels)*6	–	–	● (16 levels)
	Damper Resonance		● (4 levels, off)	● (4 levels, off)		●	●	● (16 levels)
	Lid Simulator		–	–	● (4 levels)	–	–	–
	Key Off Simulator		–	–	●	–	–	●
	Key Action Noise		● (4 levels, off)	● (4 levels, off)	● (ON / OFF)	–	–	–
	Damper Noise		● (4 levels, off)	● (4 levels, off)	● (ON / OFF)	● (ON / OFF)	●	● (16 levels)
Digital Effects	Types	Hall Simulator / Reverb	Hall Simulator : 4	Hall Simulator : 4, Reverb : 8	4 (Hall Simulator)	4 (Reverb)	4 (Reverb)	17 Editable (Reverb)
		Surround	2	2	–	–	–	–
		Chorus	4	12	4	4	4	16 Editable
		Delay	–	–	–	–	–	6 Editable
		Brilliance	●	●	● (-3 ~ 0 ~ 3)	● (-3 ~ 0 ~ 3)	● (-3 ~ 0 ~ 3)	4 Bands Parametric EQ
		DSP	● (Preset for some tones)	● (built in to some tones + 100 presets, editable)	● (Preset for some tones)	● (Preset for some tones)	● (Preset for some tones)	20 types (Parameter Editable DSP)
Accompaniment Rhythms	Number of Built-in Rhythms		–	200	–	–	180	220
	One Touch Preset		–	200	–	–	180	220
	User Rhythm (Rhythm Editor)		–	–	–	–	10	30
Songs	Concert Play		–	–	10 songs	10 songs	–	–
		Controller	–	–	Start / Stop	Start / Stop	–	–
		Mode	–	–	Listen / Lesson / Play	Listen / Lesson / Play	–	–
	Music Library		60	–	60 songs	60 songs	60 songs	–
	Demonstration-only Songs		1	6	–	–	6	6
	Song Expansion*2 (User Songs)		10 songs (max.) Up to approximately 90 KB / song	10 songs (max.) Up to approximately 320 KB / song	10 songs (max.) Up to approximately 90 KB/song	10 songs (max.) Up to approximately 90 KB/song	10 songs (max.) Up to approximately 320 KB/song	100 songs (max.) Up to approximately 700 KB/song
Additional Features	Sound Projection		–	–	●	–	–	–
	Headphone Mode		–	–	●	–	–	–
	Volume Sync EQ		–	–	●	–	–	–
	Connection to App		● (Chordana Play for Piano)	● (Chordana Play for Piano)	● (Chordana Play for Piano)	● (Chordana Play for Piano)	–	–
	Bluetooth Audio		● (Bluetooth version: 5.0)	● (Bluetooth version: 5.0)	–	–	–	–
	Lesson Function		Part ON / OFF	Part ON / OFF	Part ON / OFF	Part ON / OFF	Part ON / OFF	–
		Lesson Part Select	Right hand, Left hand	Right hand, Left hand, Both hands	Right hand, Left hand	Right hand, Left hand	Right hand, Left hand	–
	MIDI Recorder		2 tracks, 1 song	3 tracks, 5 songs, Punch-in recording	2 tracks, 1 song	2 tracks, 1 song	17 tracks (1 system track + 16 solo tracks), 5 songs, Punch-in/Punch-out recording	17 tracks (1 system track + 16 multi tracks), 100 songs, Punch-in/Punch-out recording
		Approximate Data Capacity	Approximately 10,000 notes total	Up to Approximately 30,000 notes per song	Approximately 5,000 notes total	Approximately 5,000 notes total	Up to approximately 10,000 notes per song	Up to approximately 50,000 notes per song
		Song Edit	–	–	–	–	–	Delete, Copy, Rename
		Track Edit	–	–	–	–	–	Delete, Copy, Rename, Delete Measure, Key Shift, Quantize
	Audio Recorder / Playback		–	Max 99 songs, approximately 25 min/ song (To USB flash drive, 44.1 kHz Stereo WAV format)	Max. 99 songs, approximately 25 min/song (44.1 kHz WAV format)	–	Max. 99 songs, approximately 25 min/song (44.1 kHz WAV format)	Max. 100 songs, approximately 74 min/song (44.1 kHz WAV format)
	Duet Mode		●	●	●	●	●	●
	Octave Shift		-2 octaves ~ 0 ~ +2 octaves	-2 octaves ~ 0 ~ +2 octaves	-2 octaves ~ 0 ~ +2 octaves	-2 octaves ~ 0 ~ +2 octaves	-2 octaves ~ 0 ~ +2 octaves	-2 octaves ~ 0 ~ +2 octaves
	Metronome		0 to 9 beats, tempo range: 20 to 255	0 to 9 beats, tempo range: 20 to 255 (provided as rhythm type)	0 to 9 beats; tempo range: 20 to 255	0 to 9 beats; tempo range: 20 to 255	0, 2, 3, 4, 5, 6 beats; tempo range: 20 to 255	0 to 9 beats; tempo range: 20 to 255 Tap tempo
	Pedals		Included: SP-3 x 1 (terminal x 1) Optional: SP-34 (damper, soft, sostenuto)	Included: SP-3 x 1 (terminal x 2) Optional: SP-34 (damper, soft, sostenuto)	3 built-in pedals (damper, soft, sostenuto)	3 built-in pedals (damper, soft, sostenuto)	3 built-in pedals (damper, soft, sostenuto)	Included: SP-3 (terminal x 2) Optional: SP-33 (damper, soft, sostenuto)
		Half-Damper Pedal Operation	● (With optional SP-34 3-pedal unit)	● (With optional SP-34 3-pedal unit)	● (Seamless recognition)	●	●	● (With optional SP-33 3-pedal unit)
	Key Transpose		-12 semitones ~ 0 ~ +12 semitones	-12 semitones ~ 0 ~ +12 semitones	-12 semitones ~ 0 ~ +12 semitones	-12 semitones ~ 0 ~ +12 semitones	-12 semitones ~ 0 ~ +12 semitones	-12 semitones ~ 0 ~ +12 semitones
	Tuning Control		A4 = 415.5 Hz ~ 440.0 Hz ~ 465.9 Hz	A4 = 415.5 Hz ~ 440.0 Hz ~ 465.9 Hz	A4 = 415.5 Hz ~ 440.0 Hz ~ 465.9 Hz	A4 = 415.5 Hz ~ 440.0 Hz ~ 465.9 Hz	A4 = 415.5 Hz ~ 440.0 Hz ~ 465.9 Hz	A4 = 415.5 Hz ~ 440.0 Hz ~ 465.9 Hz
	Scale Function	Number of Preset Temperaments	Equal temperament + 16 variations	Equal temperament + 16 variations	Equal temperament + 16 variations	Equal temperament + 16 variations	Equal temperament + 16 variations	Equal temperament + 16 variations
	Pitch Bend Wheel		–	●	–	–	●	●
	Modulation Wheel		–	–	–	–	–	●
	Controller		–	2 Knobs	–	–	–	3 knobs
	Operation Lock		●	●	●	●	●	●
	Others		•Touch sensor button: 7 (Tone select button: 2) •Auto Power Off: Off after approx.4 idle hours (default setting)	•Touch sensor button: 18 (Tone select button: 6) •Registration: 96 setups (4 areas x 24 banks) •Music Preset: 310 presets •Auto Harmonize: 12 types •Arpeggiator: 100 types •Auto Power Off: Off after approx.4 idle hours (default setting)	•GRAND PIANO button •E.PIANO 1 button •Slide-type keyboard cover •Auto Power Off: Off after approx. 4 idle hours (default setting)	•GRAND PIANO button •E.PIANO 1 button •Slide-type keyboard cover •Auto Power Off: Off after approx.4 idle hours (default setting)	•Tone select button •Registration: 96 setups (4 areas x 24 banks) •Music Preset (including chord progressions): 300 presets and 50 user areas •Auto Harmonize: 12 types •Slide-type keyboard cover •Auto Power Off: Off after approx. 4 idle hours (default setting)	•Dedicated piano tone buttons •Arpeggiator •Registration: 96 setups (4 areas x 24 banks) •Music Preset (including chord progressions): 305 presets and 100 user areas •Auto Harmonize: 12 types •Auto Power Off: Off after approx.4 idle hours (default setting)
Display			–	Full-dot LCD with backlight	–	–	Full-dot LCD with backlight	5.3-inch touch panel (5.0-inch 528 x 320-dot TFT Color LCD)
MIDI			● *7	● (GM level 1 compatible)*7	● *7	● *7	● (GM level 1 compatible)	●
Connectivity and Storage	PHONES / OUTPUT		2 (Stereo mini jack)	2 (Stereo mini jack)	2 (Stereo standard) multi-use OUTPUT terminal	2 (Stereo standard) multi-use OUTPUT terminal	PHONES: 2 (Stereo standard)	PHONES: 2 (Stereo mini jack)
	Pedals		1 (Damper)	1 (Damper)	–	–	–	2 (Damper, Assignable)
	Connector for 3-Pedal Unit		● (for SP-34)	● (for SP-34)	●	●	●	● (for SP-33)
	Expression Pedal Compatibility*3		–	1 (Expression / Assignable)	–	–	–	●
	LINE OUT		2 (L/MONO, R) (Standard jack)	2 (L/MONO, R) (Standard jack)	–	–	2 (L / MONO, R), Standard jack	2 (L / MONO, R), Standard jack
	LINE IN		–	–	–	–	2 (L / MONO, R), Standard jack	2 (L / MONO, R), Standard jack
	AUDIO IN		● (Stereo mini jack)	● (Stereo mini jack)	–	–	–	● (Stereo Mini)
	MIDI		–	–	–	–	IN / OUT	IN, OUT / THRU
	USB TO HOST *4		● *8	● *8	● *8	● *8	● *8	● *8
	USB TO DEVICE		–	● *9	● *10	–	● *10	● *10
Speakers and Amplifiers	Speakers	Size	[16cm x 8cm (oval)] x 2	[16cm x 8cm (oval)] x 2	12 cm x 2, 4 cm x 2	12 cm x 2	12 cm x 2, 5 cm x 2	12 cm x 2, 5 cm x 2
		Speaker System	2-Speaker	2-Speaker	2-Way, 4-Speaker	2-Speaker	2-Way, 4-Speaker	4-Speaker
	Amplifiers		8W + 8W	8W + 8W	20 W + 20 W	8 W + 8 W	20 W + 20 W	8 W + 8 W
Power Supply	AC Adaptor		DC12V	DC12V	DC24V	DC12V	DC24V	DC12V
	Battery Drive		AA-size alkaline batteries x 6	AA-size alkaline batteries x 6	–	–	–	–
		Continuous Battery Life	Approximately 4 hours	Approximately 2 hours	–	–	–	–
Size	Dimensions *5		1,322 x 232 x 102 mm	1,322 x 232 x 102 mm	1,393 x 299 x 801 mm (w/o music stand)	1,391 x 299 x 798 mm (w/o music stand)	1,357 x 299 x 833 mm (w/o music stand, corner brackets)	1,322 x 293 x 147 mm (w/o music stand)
	[With Optional Stand]		[1,324 x 366 x 740 mm] *11	[1,324 x 366 x 740 mm] *11	[–]	[–]	[–]	[1,322 x 293 x 773 mm] *12
Weight	Weight		11.2 kg (w/o batteries)	11.4 kg (w/o batteries)	34.3 kg (w/o music stand)	31.5 kg (w/o music stand)	31.5 kg (w/o music stand)	12.0 kg (w/o music stand)
	[With Optional Stand]		[22.3 kg] *11 (w/o batteries)	[22.5 kg] *11 (w/o batteries)	[–]	[–]	[–]	[22.0 kg] *12
Accessories	Included Accessories		Pedal (SP-3), Music stand, AC Adaptor (AD-A12150LW), Dust cover	Pedal (SP-3), Music stand, AC Adaptor (AD-A12150LW), Dust cover	AC Adaptor (AD-E24250LW), Music Stand	AC Adaptor (AD-A12150LW), Music Stand	AC Adaptor (AD-E24250LW), Score Book (Music Library), Music Stand	Pedal (SP-3), AC Adaptor (AD-A12150LW), Music Stand, Dust cover
EAN Code			PX-S1000BK: 4971850362470 PX-S1000WE: 4971850362487	4971850362494	PX-870BK: 4971850362364 PX-870BN: 4971850362425 PX-870WE: 4971850362371	PX-770BK: 4971850362302 PX-770BN: 4971850362319 PX-770WE: 4971850362326	4971850361909	4971850362241

Function			Privia
			PX-5S
Keyboard			88 keys, Tri-sensor Scaled Hammer Action Keyboard II
	Key Surface Finish		Simulated ebony and ivory keys
	Touch Sensitivity		3 sensitivity levels, off
	High Resolution Velocity		16,256 steps
	Key Off Velocity		●
	Hammer Response		● (8 levels)
Sound Source			Multi-dimensional Morphing AiR
	Maximum Polyphony		256
Number of Tones			370 built-in tones / 350 User Tones: Acoustic Piano: 20 preset, 20 user, Electric Piano: 60 preset, 50 user, Organ: 30 preset, 20 user, Strings / Brass: 70 preset, 20 user, Guitar / Bass: 40 preset, 20 user, Synth / Various: 80 preset, 50 user, Hex Layer: 50 preset, 150 user Drum Sets: 20 preset, 20 user
System Effects	String Resonance		● (16 levels)
	Damper Resonance		● (16 levels)
	Damper Noise		● (ON / OFF)
	Chorus		4 types
	Delay		●
	Reverb		4 types
Master Effects	Equalizer		4 bands
	Compressor		●
	Connection Order		Editable (EQ-Comp, Comp-EQ)
DSP (Insertion Effect)			4 lines, 20 types (Equalizer, Compressor, Limiter, Enhancer,Early Reflection, Phaser, Chorus, Flanger, Tremolo, Auto Pan, Rotary, Drive Rotary, LFO Wah, Auto Wah, Distortion (w/ Amp Simulator), Pitch Shifter, Multi Chorus, Ring Modulator, Delay, Piano Effect)
Stage Settings	Memories		100 user (10 banks x 10 numbers)
	Zone		4 (maximum)
Phrase Sequencer	Phrases		1,000
	Songs		10
	Playback Mode		One-shot, Loop
	Memory Capacity		One phrase up to approximately 8 KB (approx. 1,600 notes); 1,000 phrases totaling a maximum of 1 MB (approx.)
	Other		Overdubbing, Note-quantize
Demonstration-only Songs			4
Audio Recorder / Playback			Max. 100 songs, approx. 25 min/song
	Format		44.1 kHz stereo WAV format
SMF playback			Max. 1,000 files, 320 KB/file
Mixer			16 channel + 1 channel (external input)
Other Functions	Transpose		-12 semitones ~ 0 ~ +12 semitones
	Octave Shift		-3 octaves ~ 0 ~ +3 octaves
	Tuning		A4 = 415.5 - 440.0 - 465.9 Hz
	Scale Function		Equal temperament + 16 variations
	Stretch Tuning		Off + 7 types
	Arpeggios		4 arpeggiators, 100 preset, 100 user
	Operation Lock		●
Controllers			4 knobs, 6 sliders, bender wheel, modulation wheel, 2 envelop response pedal jacks
Full-dot LCD with Backlight			●
MIDI			● (GM level 1 standard)
Connectivity and Storage	PHONES (Stereo Standard Jack)		2
	LINE OUT (Standard Jack)		2 (L/MONO, R)
	LINE IN (Standard Jack)		2 (L/MONO, R)
	USB TO HOST *4		● *8
	USB TO DEVICE		● *10
	MIDI		IN, OUT/THRU
	Pedals		DAMPER/PEDAL 1, PEDAL 2
Power Supply	AC Adaptor		DC12V
	Battery Drive		AA-size alkaline batteries x 8
		Continuous Battery Life	Approximately 3 hours (using headphones)
Size*5			1,322 x 286 x 135 mm (not including protruding parts)
	With Optional Stand		1,322 × 286 × 760 mm *12 (without corner brackets)
Weight			11.1 kg (without optional stand, batteries)
	With Optional Stand		21.1 kg *12 (without batteries)
Bundled Accessories			AC Adaptor (AD-A12150LW), Pedal (SP-3)
EAN Code			4971850361930

** For Layer, Split, Duet mode functions, similar operation is available by Zone setting.*

Supported Data	
USB Flash Drive Storable Data	• Song data recorded on the digital piano • User rhythms • User Music Presets • Registration setups •Recorded audio data
USB Flash Drive Download Data	•SMF Format 0 or Format 1 (.mid) •CASIO format data (.cm2)

**1 88-Key Digital Scaling, Hammer Response, Key Off Resonance, String Resonance, Damper Resonance, Lid Simulator, Key Off Simulator and Damper Noise are available only for piano tones. *2 Capacity values are based on 1 MB = 1,024 KB, and 1 KB = 1,024 bytes. *3 Use a commercially available expression pedal that meets the specifications below. Note that the polarity of the pedals of some manufacturers is different from the polarity required by this Digital Piano. (Roland EV-5 / KURZWEIL CC-1 / FATAR VP-25, VP-26) *4 No USB cable is bundled with this product. Use a commercially available adaptable USB cable to connect it with a computer. *5 Excluding projections. *6 Damper resonance is linked to string resonance adjustments. *7 This product is not equipped with MIDI terminals. MIDI communication between the product and a computer is performed using the USB port. *8 Supported operating systems: Windows® 7 (32-bit, 64-bit), Windows® 8.1 (32-bit, 64-bit), Windows® 10 (32-bit, 64-bit), macOS (OS X / Mac OS X) 10.7, 10.8, 10.9, 10.10, 10.11, 10.12,10.13,10.14 *9 Use a USB flash drive that is formatted as FAT32 or exFAT. *10 Use a USB flash drive that is formatted as FAT32. *11 With optional stand CS-68PBK / CS-68PWE. *12 With optional stand CS-67PBK / CS-67PWE. • For details, visit the CASIO Website at: https://world.casio.com/.*

CASIO®

CASIO COMPUTER CO.,LTD. Tokyo, Japan

https://world.casio.com/

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