## Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>PX-5S</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Keyboard</strong></td>
<td><strong>88 keys: 5 drawbars/7 drawbars Action Keyboard II</strong></td>
</tr>
<tr>
<td>Key Surface Finish</td>
<td>Simulated ebony and ivory keys</td>
</tr>
<tr>
<td>Touch Sensitivity</td>
<td>3 sensitivity levels: off</td>
</tr>
<tr>
<td>Key Off Velocity</td>
<td>16,156 steps</td>
</tr>
<tr>
<td>Hammer Responses</td>
<td>16</td>
</tr>
<tr>
<td><strong>Sound Source</strong></td>
<td><strong>AIR Sound Source</strong></td>
</tr>
<tr>
<td>Maximum Polyphony</td>
<td>256 (Audio player samples 2)</td>
</tr>
<tr>
<td>Arpeggiators (including Dynamic Power)</td>
<td>250 preset, 25 user</td>
</tr>
<tr>
<td>Keyboard Tuning (including Electric Piano)</td>
<td>60 preset, 58 user</td>
</tr>
<tr>
<td>Organ</td>
<td>90 preset, 25 user</td>
</tr>
<tr>
<td>Strings / Brass</td>
<td>70 preset, 25 user</td>
</tr>
<tr>
<td>Guitar / Bass</td>
<td>40 preset, 25 user</td>
</tr>
<tr>
<td>Synth / Electone</td>
<td>60 preset, 58 user</td>
</tr>
<tr>
<td>Harp Layer</td>
<td>50 preset, 100 user</td>
</tr>
<tr>
<td><strong>Drum Set</strong></td>
<td><strong>28 preset, 28 user</strong></td>
</tr>
<tr>
<td><strong>System Effects</strong></td>
<td><strong>String Resonance</strong></td>
</tr>
<tr>
<td>Reverb</td>
<td>4 types</td>
</tr>
<tr>
<td>Delay</td>
<td>4 types</td>
</tr>
<tr>
<td><strong>Master Effects</strong></td>
<td><strong>Equalizer</strong></td>
</tr>
<tr>
<td>Speaker</td>
<td>4 buttons</td>
</tr>
<tr>
<td><strong>Demo Songs</strong></td>
<td><strong>10</strong></td>
</tr>
<tr>
<td><strong>Stage Settings</strong></td>
<td>**100 user</td>
</tr>
<tr>
<td>Zone</td>
<td><strong>4 (Maximum)</strong></td>
</tr>
<tr>
<td>Phrase Capacity</td>
<td><strong>1,000</strong></td>
</tr>
<tr>
<td>Songs</td>
<td><strong>10</strong></td>
</tr>
<tr>
<td>Memory Capacity</td>
<td><strong>1,000 phrases (including 8 KB (approx. 1,000 phrases))</strong></td>
</tr>
<tr>
<td><strong>DSE (Dynamic Expression) Effect</strong></td>
<td><strong>1</strong></td>
</tr>
<tr>
<td><strong>Phase Sequences</strong></td>
<td><strong>10</strong></td>
</tr>
<tr>
<td><strong>Audio Recording</strong></td>
<td><strong>8 GB</strong></td>
</tr>
<tr>
<td><strong>SMF Playback</strong></td>
<td><strong>Max. 200 songs, approx. 25 minutes</strong></td>
</tr>
<tr>
<td><strong>Other Parameters</strong></td>
<td><strong>16 digital audio sends</strong></td>
</tr>
<tr>
<td><strong>Other Functions</strong></td>
<td><strong>100 digital send, 100 digital send</strong></td>
</tr>
<tr>
<td><strong>Connectivity and Storage</strong></td>
<td><strong>2</strong></td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td><strong>2</strong></td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td><strong>11.1 kg (without optional stand, batteries)</strong></td>
</tr>
<tr>
<td><strong>Bundled Accessories</strong></td>
<td><strong>27.3 kg (with optional stand, batteries)</strong></td>
</tr>
</tbody>
</table>

### Additional Features
- **Connectivity**
  - USB Host Port
  - USB Flash Drive Port
  - MIDI
  - Audio Input/Output
- **Multifunctions**
  - 16 multi-touch-sensitive, 8x16 standard standard
- **Controls**
  - 4 knobs, 2 slider, 2 slider, 2 slider, 2 slider, 2 slider, 2 slider
- **Piano Display with Backlight**
  - 16 multifunctional, 8x16 standard
- **Sound Source**
  - 256 (Audio player samples 2)
- **Arpeggiators (including Dynamic Power)**
  - 250 preset, 25 user
- **Keyboard Tuning (including Electric Piano)**
  - 60 preset, 58 user
- **Organ**
  - 90 preset, 25 user
- **Strings / Brass**
  - 70 preset, 25 user
- **Guitar / Bass**
  - 40 preset, 25 user
- **Synth / Electone**
  - 60 preset, 58 user
- **Harp Layer**
  - 50 preset, 100 user
- **Drum Set**
  - 28 preset, 28 user
- **System Effects**
  - 4 types: String Resonance, Reverb, Delay, Chorus
- **Master Effects**
  - Equalizer
- **Demo Songs**
  - 4 songs
- **Stage Settings**
  - 100 user, 12 bars (16 sounds)
- **Zone**
  - 4 (Maximum)
- **Phrase Capacity**
  - 1,000 phrases (including 8 KB (approx. 1,000 phrases))
- **Memory Capacity**
  - 1,000 phrases (including 8 KB (approx. 1,000 phrases))
- **DSE (Dynamic Expression) Effect**
  - 10 phrases, 16 sounds (including electric piano)
- **Phase Sequences**
  - 10
- **Audio Recording**
  - 8 GB
- **SMF Playback**
  - Max. 200 songs, approx. 25 minutes
- **Other Parameters**
  - 16 digital audio sends
- **Other Functions**
  - 100 digital send, 100 digital send

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**CASIO COMPUTER CO., LTD.** Tokyo, Japan  
http://world.casio.com/

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*For more information, please visit our official website.*
A Fusion of CASIO’s Original Advanced Sound Technologies and Incomparable Synthesizer Performance Capabilities.

LIVE PERFORMANCE
Sophisticated Functions Supporting Live Performances
- Wide-ranging interfaces providing real-time control
  A set of 6 sliders, 4 knobs and 2 wheels permits intuitive sound adjustment during live performances. Two assignable pedal terminais also installed, while Envelope Response enables use of the pedals for smooth, continuous control of the sound volume and parameters.
- Phrase Sequence for recalling music phrases for use in performances
  You can record phrases and change expressions you play in real-time and recall them later for playback to enhance your performances. Multiple recording is also available. Other features include a long function that enables you to combine multiple phrases into a single composition.
- Arpeggio function supporting automatic loop playback of arpeggio patterns using the sounds produced by striking appropriate keys
  PHRASE SELECT
  ARPEGGIO ZONE 1
  ZONE 2
  ZONE 3
  ZONE 4
- Stage Setting function allowing assignment of performance settings for specified blocks of keys (up to four zones)
- Audio Recording for storing your performances in USB memory
- Assorted input/output terminals for connection to MIDI devices, microphones and audio players

KEYBOARD
Keyboard System Realizing Outstanding Playability
- Tri-sensor Scaled Hammer Action Keyboard
  Three sensors detect key strokes sequentially, by varying the time between key stroke detection and sound production in accordance with the speed at which the key stroke. the system reproduces the sounding timing characteristics of a grand piano. As a grand piano, moreover, the action mechanism relies solely on the weight of the hammer with no springs involved, thus providing a definite playing response. Combined with smooth touch, the keys grow progressively heavier as the sound becomes lower and progressively lighter as the sound becomes higher. This simulates a realistic acoustic piano characteristic.
- High Resolution Velocity offering 16,384 graduations of gentle-to-strong expression
- Hammer Response that reproduces the changes in sounding timing that occur depending on the key block on the keyboard and strength of the key stroke
- Key Off Velocity that precisely senses the speed at which fingers are removed from the keys and reproduces the nuances resulting from key release
- Simulated ebony and ivory keys with a premium-quality material feel and smooth touch

PORTABILITY
Perform Live on the Street!
- Slim, Lightweight Body for Easy Transport to Studio or Stage
  Though a genuine 88-key concert piano, the Privia PX-5S features a lightweight, slim-lined body just 11.3 kg in weight and 28.6 cm in depth. With battery operation also possible, it’s always ready for action in venues across the range from stage to street.

A professional-quality concert piano that sets new, higher standards for live stage performances.

SOUND PERFORMANCE

AIR® SOUND SOURCE
An Advanced Technology Producing High-Quality Tones
- Multi-dimensional Morphing AIR® Sound Source
  Acoustic and intelligent Resonator
  An expansion of the built-in memory’s capacity has both extended the sampling duration and enhanced the waveform data quality. As a result, sounds are beautifully extended until they eventually vanish, reproducing smooth, seamless tonal responses to changes in volume. For the first time in AIR’s history, this technology responds to Electric Piano sounds as well. It delivers smooth reproduction of such Electric Piano sounds as the gentle tones produced by soft key strokes and the edgy tones produced by strong key strokes.
- Even temporal tonal changes are reproduced naturally.

Pursuit of the Resonating Reverberations Produced by a Grand Piano
String Resonance allows players to relish the pleasure of deep, beautiful sounds by enabling all 88 keys to reproduce the resonance of separate strings, while Damper Resonance simulates not only the resonance resulting from pressing the damper pedal, but also the damper sound itself.

- 370 Superior-Quality, Original Preset Tones
- 20 Grand Piano Tones
  AIR Sound Source providing the rich reverberations and delicate trade tones of a grand piano.
- 65 Keyboard Instrument Tones
  Built-in tones range from Electric Piano, which smoothly reproduces tonal changes depending on the force of the key strokes, to Clavichord and Harpsichord, which reproduce even the sounds produced upon key release.
- 50 Hex Layer Tones
  Up to six tonal variations can be overlapped to produce synth sounds that make a powerful impression. Pianists can also incorporate the sounds produced by their touch at key release.
- 220 Melody Tones
  Includes Organ, Strings, Guitar and a diverse array of other instrument sounds.
- 25 Drum Sets

Effects - Equalizer Dedicated to Creation of Desired Sounds
In addition to such basic system effects as Chorus, Delay and Reverb, 20 types of DSPs (digital sound processor effects) with 4 digital effects playable simultaneously are built in. An amp simulator that reproduces the old-fashioned sound of a vintage amplifier is installed as well. Such master effects as a 4-band equalizer, which permits independent adjustment of low, low-mid, high-mid and high frequencies, and a compressor after further control over sound output. All these functions provide ample support for your original sound creation.