



STAGE PIANO PX-5S

SPECIFICATIONS

Model		PX-5S
		88 keys, Tri-sensor Scaled Hammer Action Keyboard II
Keyboard	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	●
Sound Source		AiR Sound Source
Maximum Polyphony		256 (Audio player occupies 2.)
Acoustic Piano		20 preset, 20 user
Keyboard Instrument (including Electric Piano)		60 preset, 50 user
Organ		30 preset, 20 user
Melody Tones	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	●
	Damper Resonance	●
	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)
	Phrases	1,000
Phrase Sequencer	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 Recording / 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	±1 octaves (-12 semitones ~ 0 ~ +12 semitones)
	Octave Shift	± 3 octaves
	Tuning	A ₄ = 415.5 - 440.0 - 465.9 Hz
	Scale Function	Temperaments: 17 preset
	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 Display with Backlight		●
MIDI		16 multi-timbre received, 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 Host Port ^{*1} ^{*3}	●
	USB Flash Drive Port	●
	MIDI	MIDI IN, OUT/THRU
	Pedals	DAMPER/PEDAL 1, PEDAL 2
Power Supply	Batteries	2-way AA-size alkaline batteries x 8
	Battery Life	Approximately 3 hours (using headphones)
	AC Adaptor	12V 1.5A
Size ^{*2}	With Optional Stand ^{*4}	1,322 x 286 x 135 mm (not including protruding parts)
		1,322 x 286 x 760 mm (without corner brackets)
Weight		11.1 kg (without optional stand, batteries)
	With Optional Stand ^{*4}	21.1 kg (without batteries)
Bundled Accessories		AC Adaptor, Pedal (SP-3)

^{*1} No USB cable is bundled with this product. Use a commercially available adaptable USB cable to connect it with a computer. ^{*2} Excluding projections. ^{*3} Supported operating systems: Windows® XP Home Edition (SP2 or later), Windows® XP Professional (SP2 or later, 32-bit), Windows Vista® (32-bit), Windows® 7 (32-bit, 64-bit), Mac OS® X (10.3.9, 10.4.11, 10.5.X, 10.6.X, 10.7.X, 10.8.X) ^{*4} With optional stand CS-67Pw / CS-67PwE. • Capacity values are based on 1 MB = 1,024 KB, and 1 KB = 1,024 bytes. • For details, visit the CASIO Website at: <http://world.casio.com/>.

Supported USB Flash Memory Data:
 USB Flash Memory Storable Data • Song data recorded on the digital piano • User rhythms • User Music Presets • Registration setups • Recorded audio data
 USB Flash Memory Download Data • SMF Format 0 or Format 1 (.mid) • CASIO format data (.cm2) • 44.1 kHz WAV Format
 Supported USB memory: This instrument is compatible with FAT32-formatted USB memory. USB memory formatted for devices using formatting other than FAT32 is available for use after the USB memory has been formatted (except with quick format) by specifying the file system as FAT32 with the Windows formatting function.

• Designs and specifications are subject to change without notice.

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

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CASIO®

Go Beyond Sound



STAGE PIANO
Privia **PRO**
 PX-5S

A Fusion of CASIO's Original Advanced Sound Technologies and Incomparable Synthesizer Performance Capabilities.



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

PX-5S

SOUND x PERFORMANCE

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 terminals are also installed, while Envelope Response enables use of the pedals for smooth, continuous control of the sound volume and parameters.



Stage Setting function allowing assignment of performance settings for specified blocks of keys (up to four zones)

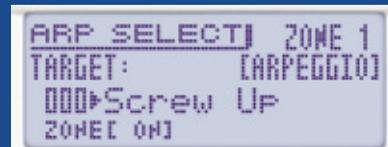
Audio Recording for storing your performances in USB memory

Phrase Sequencer for recalling music phrases for use in performances

You can record phrases and chord progressions you play in real time and recall them later for playback to enliven your performances. Multiplex recording is also available. Other features include a Song 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



Assorted input/output terminals for connection to MIDI devices, microphones and audio players

KEYBOARD

Keyboard System Realizing Outstanding Playability

Tri-sensor Scaled Hammer Action II

Three sensors detect keystrokes sequentially. By varying the time between keystroke detection and sound production in accordance with the speed of the keystroke, the system reproduces the sounding timing characteristics of a grand piano. Also like 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 a smooth touch. The keys grow progressively heavier as the sound becomes lower and progressively lighter as the sound becomes higher, faithfully simulating this acoustic piano characteristic.



Rubber holder space for portable audio and MIDI devices

High Resolution Velocity offering 16,256 gradations 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 keystroke

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 11.1 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.



AiR* SOUND SOURCE

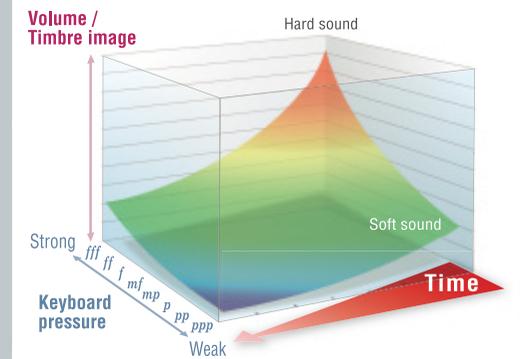
An Advanced Technology Producing High-Quality Tones

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 achieves smooth reproduction of such Electric Piano sounds as the gentle tones produced by soft keystrokes and the edgy tones produced by strong keystrokes.

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 pursuing the rich reverberations and delicate trailing tones of a grand piano.
- 60 Keyboard Instrument Tones
Built-in tones range from Electric Piano, which smoothly reproduces tonal changes depending on the force of the keystrokes, 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 instrumental sounds.

- 20 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 offer further control over sound output. All these functions provide ample support for your original sound creation.