

SPECIFICATIONS CA99

Keyboard	<ul style="list-style-type: none">• Grand Feel III action<ul style="list-style-type: none">- 88 wooden keys- Grade-weighted hammers- Ivory Touch white key surfaces- Ebony Touch black key surfaces- Let-off simulation- Triple sensor key detection- 88-key Graded counterweights
Pedal	<ul style="list-style-type: none">• Grand Feel Pedal System<ul style="list-style-type: none">- Damper (with half-pedal support)- Soft (with half-pedal support)- Sostenuto
Piano Sound	<ul style="list-style-type: none">• SK-EX Rendering<ul style="list-style-type: none">- 88-key multi-channel sampling- SK-EX recording• Harmonic Imaging XL (HI-XL)<ul style="list-style-type: none">- 88-key stereo sampling- SK-EX, SK-5, EX recording <p>256 note maximum polyphony</p>
Piano Resonance	<ul style="list-style-type: none">• SK-EX Rendering: Resonance Modelling<ul style="list-style-type: none">- Damper Resonance- String Resonance- Undamped String Resonance- Aliquot Resonance• Harmonic Imaging XL: Acoustic Rendering<ul style="list-style-type: none">- Damper Resonance- String Resonance- Undamped String Resonance- Cabinet Resonance

Piano Adjustment	<ul style="list-style-type: none"> • Virtual Technician (21 parameters) <ul style="list-style-type: none"> - Touch Curve - Voicing - Damper Resonance - Damper Noise - String Resonance - Undamped String Resonance - Cabinet Resonance - Key-off Effect - Fall-back Noise - Hammer Noise - Hammer Delay - Topboard Simulation - Decay Time - Release Time - Minimum Touch - Stretch Tuning - Temperament - Temperament Key - Key Volume - Half-Pedal Adjust - Soft Pedal Depth <p>* Available parameters may vary depending on selected sound.</p> <ul style="list-style-type: none"> • Virtual Technician Smart Mode (10 presets)
No. of Sounds	<p>SK-EX Rendering: 10 rendering characters Harmonic Imaging XL: 90 voices</p>
Reverb	<p>SK-EX Rendering: Ambience (10 types) Harmonic Imaging XL: Reverb (6 types)</p>
Brilliance	<p>✓</p>
Other Effects	<p>24 types</p>

Speakers	TwinDrive Soundboard Speaker System 8 cm x 4 (Onkyo top speakers, with diffuser) 2 cm x 2 (Onkyo dome tweeters)	
Output Power	135 W (45 W x 3)	
Headphone Enhancements	Discrete SpectraModule™ headphone amplifier Spatial Headphone Sound Headphone Type Headphone Amplifier	
Display	5" LCD touchscreen (480 x 800 pixels)	
Key Cover	Upright piano fallboard with Soft Fall system	
Music Rest	Upright piano type (fixed position)	
Dimensions	Width	144.5 cm (57")
	Depth	47 cm (18 1/2")
	Height	101 cm (39 2/3")
Weight	83 kg (183 1/3 lbs.) 89 kg (196 lbs.) [Ebony Polish]	
Available Finishes	Premium Satin Black (CA99B) Premium Satin White (CA99W) Premium Rosewood (CA99R) Ebony Polish (CA99EP)	
Basic Functions	Dual Split Four Hands Transpose Tuning Low Volume Balance Favorite	

Internal Songs	Sound Demo	39 songs
	Piano Music	29/42 songs *
	Concert Magic	176 songs
Lesson Songs		<p>Burgmüller 25 (25 Etudes Faciles, Opus 100)</p> <p>Czerny 30 (Etudes de Mécanisme, Opus 849)</p> <p>Czerny 100 (Hundert Übungsstücke, Opus 139)</p> <p>Beyer 106 (Vorschule im Klavierspiel, Opus 101)</p> <p>J.S. Bach: Inventionen</p> <p>Sonatinen Album 1</p> <p>Chopin Walzer (Chopin waltzes series)</p> <p>Chopin Etudes (Opus 10)</p> <p>Alfred's Premier Piano Course Lesson 1A</p> <p>Alfred's Premier Piano Course Lesson 1B</p> <p>Alfred's Basic Piano Library Lesson Book Level 1A</p> <p>Alfred's Basic Piano Library Lesson Book Level 1B</p> <p>Alfred's Basic Adult Piano Course Lesson Book Level 1</p>
Internal Recorder	Total Memory	approximately 90,000 notes
	No. of Songs	10 songs
	Parts	2 parts
Metronome	Time Signatures	1/4, 2/4, 3/4, 4/4, 5/4, 3/8, 6/8, 7/8, 9/8, 12/8
	Drum Rhythms	100 patterns
Bluetooth *		<p>Bluetooth (Ver. 4.1; GATT compatible)</p> <p>Bluetooth Low Energy MIDI Specification compliant</p> <p>Bluetooth Audio with aptX support</p>
USB Audio Recorder	Record/Playback	<p>MP3</p> <p>WAV</p> <p>SMF (Playback only)</p>

	Other Functions	Overdubbing Line In recording
App Functions		PianoRemote (iOS/Android) PiaBookPlayer (iOS/Android)
Connector Jacks	Headphone	1 x 1/4", 1 x 1/8" Stereo jacks
	MIDI	MIDI IN, MIDI OUT
	Line Out	1/4" L/MONO, R [unbalanced]
	Line In	1/8" Stereo (with volume adjust knob) [unbalanced]
	USB to Host	✓
	USB to Device	✓
	Others	-
Power Consumption		55 W
Power		Power cable
Bench		Fixed-height or height-adjustable bench *
Headphones		Headphone hook
Sheet Music		Classical Piano Collection * Classical Lesson Scores * Finger Exercises
Others		Warranty Card * Owner's Manual Internal Song Lists

* Depending on market location. Specifications are subject to change without notice.