KAWAI

# Concert Artist CA97 & CA67: New Features & Improvements

The new CA97 & CA67 digital pianos build on the premium characteristics established with the previous generation CA95 & CA65 models, by introducing a variety of new features and improving existing functions. The aim is to reinforce the *Concert Artist's* position as the most realistic, grand piano playing experience available in a digital instrument.

| Piano sound | Keyboard action | Headphone usage | Speaker system |
|---|---|---|---|
| Virtual Technician | | Lesson function | Exterior design |

## ■ Piano sound: Shigeru Kawai SK-EX, SK-5, and Kawai EX grand piano sounds



The CA97 & CA67 digital pianos capture the magnificent tone of Kawai's flagship Shigeru Kawai *SK-EX* full concert, and Shigeru Kawai *SK-5* medium-sized grand pianos. Widely regarded as the 'premier pianos of Japan', Shigeru Kawai instruments grace the stages of concert halls and musical institutions throughout the world, and are prized for their exceptional tonal clarity. In addition, the CA97 & CA67 also feature the distinctive sound of Kawai's highly acclaimed *EX* concert grand piano, which has frequently been selected by professional pianists in such prestigious events as the Chopin, Tchaikovsky, and Rubenstein international piano competitions, among others. All three instruments have been carefully recorded, meticulously analysed, and faithfully reproduced with full 88-key sampling using the latest *Harmonic Imaging™* sound technology.

## ■ Piano sound: Acoustic Rendering modelling technology



On an acoustic piano, resonances produced by the strings, dampers, iron frame, soundboard, bridges, cabinet, etc. contribute subtle tonal characteristics that enrich the playing and listening experience. The CA97 & CA67 recreate these various resonances using *Acoustic Rendering* modelling technology, with attributes such as Damper Resonance, String Resonance, Undamped String Resonance, Cabinet Resonance, etc. generated dynamically, in real-time, and giving *Concert Artist* owners the impression that they are playing a living, breathing instrument.

## ■ Keyboard action: Grand Feel II wooden-key action with Ivory Touch & Ebony Touch key surfaces



The CA97 & CA67 digital pianos utilise Kawai's latest *Grand Feel II* keyboard action, building upon the strengths of its predecessor to deliver the most realistic playing experience available on a digital piano. All-new *Ebony Touch* key surfaces give black keys a premium look and feel to complement the existing *Ivory Touch* white key surfaces. Modern 3D scanning techniques were applied in order to analyse the subtle wood grain of real ebony keys, before reproducing this distinctive texture within the moisture absorbent *Ebony Touch* material. The result is natural, familiar black key surface that aids playing control, and gently caresses the fingertips when touched.



In addition to all new *Ebony Touch* key surfaces, the *Grand Feel II* keyboard action also features a revised hammer design, optimising the hammer's centre of gravity to improve the dynamic load of each key stroke. Counterweights are also attached to all 88 keys, and graded from bass to treble, ensuring consistent weighting across the length of the keyboard during both pianissimo and fortissimo passages.

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## ■ Headphone usage: Spatial Headphone Sound (SHS)



The CA97 and CA67 digital pianos introduce Kawai's *Spatial Headphone Sound (SHS)* technology, a special feature that enhances the depth and realism of the acoustic piano sound when listening through headphones or earphones. The player can select one of three different acoustic presets that adjust the spatial positioning of the sound, while also helping to reduce auditory fatigue when using earphones or headphones for extended periods of time.

In addition, the CA97 and CA67 digital pianos also feature a dedicated, high fidelity headphone amplifier, utilising the same premium hardware found in audiophile music devices. This technology significantly improves sound quality when using headphones, and allows players to select a variety of headphone types (Open, Semi-open, Closed, In-Ear, Canal, etc.) for an optimised listening experience.

## ■ Speaker system: Grand piano-like sound field



The latest Concert Artist instruments feature high fidelity speaker systems that have been specially designed to deliver deep bass and crisp treble frequencies. As the flagship model, the CA97 digital piano channels sound energy onto a wooden soundboard, which combines with 6 additional speakers to immerse the performer in a rich, organic tone.

In addition, the high specification CA67 also boasts an improved 6-way speaker system, with lower range frequencies delivered through the underside of the instrument, and mid and high frequencies projected outward via top-mounted and front-facing speakers. The result is a broad, resonating sound that closely mirrors the tonal projection of a grand piano.

## ■ Virtual Technician: Powerful customisation at your fingertips



The CA97 and CA67 digital pianos feature Kawai's latest *Virtual Technician* technology, with new parameters to control modelled Undamped String Resonance and Cabinet Resonance algorithms, and a variety of improvements to existing functions such as precise 88-key voicing, and the ability to perform separate adjustments on each piano sound.

The introduction of a new *Smart Mode* feature intelligently performs multiple adjustments for the player at the touch of a button, by selecting preferred characteristics such as Soft, Strong, Brilliant, Dark, etc. The latest Concert Artist instruments also support the *Virtual Technician iPad app*, allowing players to learn about each adjustment, and tailor every aspect of their piano from an attractive touch interface.

## ■ Lesson function: Unrivalled selection of learning material



The CA97 and CA67 digital pianos include a convenient lesson function, allowing aspiring players to learn piano using classical etudes from Czerny, Burgmüller, Beyer, Bach and Chopin, or a collection of songs from the popular *Alfred* Basic, Adult, and Premier course books. The left and right hand parts of each piece can be practiced separately, adjusting the tempo to perfect difficult passages, before being recorded for self-evaluation. With over 500 built-in lessons and exercises, the Concert Artist provides an unrivalled selection of learning material to support all levels of piano study.

## ■ Exterior design: Premium appearance with modern characteristics



The refined cabinet appearance of the CA97 and CA67 digital pianos maintains Kawai's *Grand Feel* design concept, but with slimmer, sharper elements that coordinate with modern interiors. Both Concert Artist instruments adopt a unified design, with the CA67 boasting extruded side panels and the same topboard speaker system as the CA97, for a premium appearance that defies its price range. As a final touch, cosmetic details have also been upgraded, with a more prominent KAWAI nameplate on the fallboard, and an improved *Concert Artist* badge on the music rest.

## ■ Technical Specifications

| | Concert Artist CA97 | Concert Artist CA67 |
|---|---|---|
| RRP | $ TBA<br>€ TBA | $ TBA<br>€ TBA |
| Keyboard | 88 wooden keys with Ivory Touch and Ebony Touch key surfaces<br>Grand Feel II (GFII) action with Let-Off, Triple Sensor, and Graded Counterweights | |
| Sound Source | Harmonic Imaging™ XL (HI-XL), 88-key stereo piano sampling<br>Acoustic Rendering resonance modelling | |
| No. of Sounds | 80 sounds | 60 sounds |
| Max. Poly | 256 notes | |
| Reverb & Effects | Room, Lounge, Small Hall, Concert Hall, Live Hall, Cathedral<br>Chorus x2, Delay x3, Tremolo x2, Autopan x2, Phaser, Rotary, Combination Effects, Tone Control | |
| Metronome | 1/4, 2/4, 3/4, 4/4, 5/4, 3/8, 6/8, 7/8, 9/8, 12/8  +  100 drum rhythms | |
| Int. Recorder | 10 song, 2 track recorder – approximately 90,000 note memory capacity | |
| USB Recorder | Playback: MP3 (8-320 kbit/s, 32 kHz/44.1 kHz/48 kHz), WAV (32 kHz/44.1 kHz/48 kHz), SMF<br>Record: MP3 (256 kbit/s, 44.1 kHz, 16 bit), WAV (44.1 kHz, 16 bit), SMF – Line-in Recording supported | |
| Internal Songs | Demo: 39<br>Piano Music: 29/42<br>Concert Magic: 176<br>Lesson: 542 | Demo: 37<br>Piano Music: 29/42<br>Concert Magic: 176<br>Lesson: 542 |
| Touch Curve | Light+, Light, Normal, Heavy, Heavy+, Off (Constant), User Touch Curve | |
| Virtual Technician | Touch Curve, Voicing, User Voicing, Damper Resonance, Damper Noise, String Resonance, Undamped String Resonance, Cabinet Resonance, Key-off Effect, Fall-back Noise, Hammer Delay, Topboard Simulation, Decay Time, Minimum Touch, Stretch Tuning, User Tuning, Temperament, User Temperament, Temperament Key, Key Volume, User Key Volume, Half-Pedal Adjust, Soft Pedal Depth | |
| Pedal | Damper (with half-pedal support), Soft, Sostenuto<br>Grand Feel Pedal System | |
| Transpose | Key/Song ± 12 semitones | |
| Other Functions | Speaker Volume, Line In Level, Wall EQ*, Tuning, Damper Hold, Split, Four Hands, LCD Contrast, Startup Setting, Factory Reset, SHS Mode, Phones Type, Phones Volume, Lower Octave Shift, Lower Pedal On/Off, Split Balance, Layer Octave Shift, Layer Dynamics, Dual Balance, MIDI Channel, Send PGM#, Local Control, Transmit PGM#, Multi-timbral Mode, Channel Mute, Auto Power Off, Audio Recorder Gain | |
| Display | 128 x 64 pixel LCD with backlight | |
| Connectors | LINE IN (1/8" STEREO), LINE IN Level, LINE OUT (1/4" L/MONO, R), LINE OUT Level, Headphones x 2 (1/4", 1/8")<br>MIDI (IN/OUT), USB to Host, USB to Device | |
| Output Power | 45 W x 2  +  45 W transducer | 50 W x 2 |
| Speakers | 7 cm x 4 (top speakers)<br>1.4 cm x 2 (dome tweeters)<br>Soundboard Speaker System | 13 cm x 2 (woofers)<br>(8 x 12) cm x 2 (top speakers)<br>5 cm x 2 (tweeters) |
| Power Consump. | 55 W | 45 W |
| Music Rest | Adjustable (3 positions) | Adjustable (3 positions) |
| Key Cover | Sliding type | Sliding type |
| Cabinet Finishes | Premium Rosewood<br>Premium Satin Black<br>Premium Satin White | Premium Rosewood<br>Premium Mahogany*<br>Premium Satin Black<br>Premium Satin White |
| Dimensions | 1455 (W) x 465 (D) x 925 (H) mm<br>57 1/3" (W) x 18 1/3" (D) x 36 1/2" (H) | 1455 (W) x 455 (D) x 925 (H) mm<br>57 1/4" (W) x 18" (D) x 36 1/2" (H) |
| Weight | 85.0 Kg  /  187 1/2 lbs. | 76.0 Kg  /  167 1/2 lbs. |
| Included Accessories | Power cable, Owner's Manual, Internal Song Lists, Bench/Stool*<br>Classical Lesson Scores*, Classical Piano Collection*, Finger Exercises Score | |

Specifications are subject to change without notice.

* Depending on market area.