

KAWAI

DIGITAL PIANO

Concert Artist

S E R I E S

CA91·CA71·CA51

Acoustic Revolution

Introducing the Perfect Digital Piano

The quest for the perfect digital piano ends with the KAWAI Concert Artist Series. An exquisite blend of tradition and technology, the Concert Artist Series instruments are quite simply the finest digital pianos available. Relying on our eighty-year experience in crafting fine acoustic pianos, KAWAI has created a selection of digital pianos that deliver nuance, artistry and an exceptional musical experience.

SOUNDBOARD SPEAKER SYSTEM

The result of four years of research and development, KAWAI's revolutionary Soundboard Speaker System represents a significant achievement in digital piano technology. Embracing the rich, harmonic qualities of wood, sound energy is channelled onto a spruce soundboard to faithfully reproduce the unmistakable warmth and ambience of an acoustic piano.

While digital instruments typically utilise 'cone' speakers, generating sound that resonates in highly-directional circles from a central point, acoustic instruments such as violins, guitars and pianos harness the properties of wooden soundboards, to produce a tone that resonates evenly in all directions. The Soundboard Speaker System adopts similar principles, offering a unique tonal quality that is more naturally balanced than any other digital piano.



TOUCH

REAL WOODEN KEYS

KAWAI researchers understand that a responsive, tactile keyboard is essential for a truly satisfying piano playing experience. With this in mind, all 88 black and white keys of the AWA Grand PRO II action are crafted entirely from wood, allowing the weight of each key to accurately represent that of a concert grand piano.

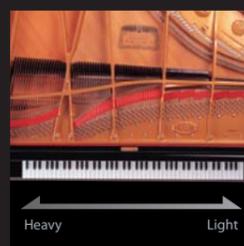


AUTHENTIC MOVEMENT

To recreate the feel of an acoustic piano as closely as possible, the AWA Grand PRO II design incorporates several important grand piano action characteristics. A pivot point located in the middle of each key, for example, provides consistent upward and downward motion, allowing the action to return to its original position naturally, using gravity rather than springs.

ACCURATE WEIGHTING

Just as grand pianos adopt larger, heavier hammers in the bass region and smaller, lighter hammers in the treble region, the AWA Grand PRO II action also employs appropriately graded hammers for each playing range. Furthermore, placing additional counter weights at the front of the bass keys improves static weight consistency, producing a smooth, evenly balanced feel across the keyboard.



The Concert Artist Series instruments utilise the critically acclaimed AWA Grand PRO II action, employing longer, real wooden keys for an unsurpassed acoustic piano feel. Authentic key balance points, action movement and contact placements combine with proper hammer grading and bass key counter-weights to replicate the exceptional touch of the world-renowned KAWAI EX Concert Grand Piano. Such meticulous attention to detail provides incredible stability during fortissimo passages, while preserving delicate pianissimo control, to satisfy the demands of even the most discerning pianist.

STONE

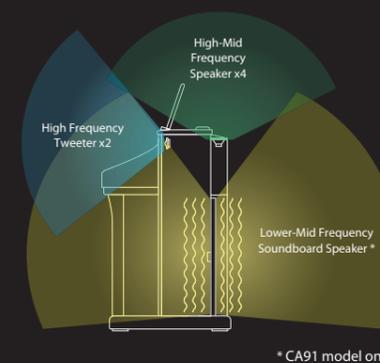
Eighty years of experience crafting the world's finest acoustic pianos, affords KAWAI engineers a wealth of knowledge from which to develop stunning digital pianos. With proprietary Harmonic Imaging™ technology reproducing the exceptional dynamic range of a concert grand piano, and cutting edge acoustic innovations providing greater warmth and ambience, the Concert Artist Series establishes new standards of audio reproduction for a simply breathtaking musical experience.

HARMONIC IMAGING™ TECHNOLOGY

The authentic sound of KAWAI digital pianos begins with the world renowned KAWAI EX Concert grand piano. Placed inside an anechoic chamber, free of audio reflections, the rich sound of this world class instrument is meticulously analysed and recorded by our Master Piano Artisans. The acoustic portrait of each note is later transformed into a precise three dimensional digital representation, employing KAWAI's proprietary Harmonic Imaging™ technology. This unique process faithfully reproduces the broad dynamic range of the original grand piano, from subtle pianissimos to thunderous fortissimos.

SPEAKER SYSTEMS

While the flagship CA91 instrument harnesses a real wooden soundboard speaker, the CA71 and CA51 models also employ unique stereo speaker configurations, specially designed for each instrument. Both systems utilise bass speaker enclosures and high-quality tweeters - essential for reproducing the broad harmonic spectrum of an acoustic piano.



SUPERIOR POLYPHONY

Polyphony enhancements made to the Concert Artist instruments reinforce KAWAI's position as a market leader, allowing complex performances such as rapid passages that require the damper pedal, to be enjoyed without unexpected instances of note 'drop off'.



TRADITIONAL CABINET DESIGN

Influenced by the visual characteristics of a traditional piano, the improved Concert Artist Series cabinet design employs a wider music rest, raised to match the position and viewing angle of a grand piano. Furthermore, rounded support legs provide an added reassurance of stability, especially during powerful fortissimo passages.



CONCEALED SPEAKER PLACEMENT

While considerable emphasis is placed on recreating the natural touch and realistic tone of an acoustic instrument, the conspicuous presence of modern technology within digital pianos can often detract from the authenticity of a playing experience. The improved Concert Artist Series cabinet design minimises such visible clues by concealing speaker placement and other acoustic enclosures.



SLIMLINE PROFILE APPEARANCE

Despite the considerable key length of the AWA Grand PRO II action keyboard, the introduction of additional wooden side panels serves to reduce perceived cabinet depth - effectively 'slimming' the instrument's visual profile.



ADVANCED FEATURES



VIRTUAL TECHNICIAN

An experienced piano technician is essential to fully realise the potential of an acoustic piano. As well as meticulously tuning each note, the technician performs regulation and voicing adjustments that allow a fine instrument to truly sing. Virtual Technician functions simulate such refinements digitally. The Virtual Voicing feature shapes tonal characteristics, while the new User Touch Curve function intelligently analyses the pianist's playing style to provide unprecedented personalisation of the instrument's touch response.

GREATER REALISM

The String Resonance feature causes held notes to resonate 'sympathetically' with other notes of the same harmonic series, while Damper Resonance recreates a similar phenomenon, whereby sympathetic and adjacent notes resonate while the damper pedal is depressed. Finally, the Key Off effect recreates the sound of bass hammers returning to their strings following a rapid note release. These special features combine to further enhance the remarkable authenticity of the Concert Artist Series' piano sound.



PRACTICE & LESSON FUNCTIONS

For the aspiring pianist, the Concert Artist Series features a recorded collection of standard practice and warm-up drills, with a companion music book containing major and minor scales, arpeggios and Hanon exercises also included. Moreover, the powerful lesson function allows performers to learn the piano using a built-in collection of etudes from Czerny, Burgmüller, Beyer and Bach, or songs from the popular Alfred Basic, Adult and Premiere* course books. Each etude or song can be played at various tempos, practicing the left and right hand parts separately, before eventually recording a practice session for self-evaluation.

* USA, Canada, Australia and UK only



Rosewood

DIGITAL PIANO CA91



Mahogany



European Cherry

- AWA Grand PRO II wooden key action
- Harmonic Imaging™ Sound Technology
- Maximum 192 note Polyphony
- 80 Sounds
- Built-in practice exercises and lessons
- Over two hours of 'Piano Music' songs
- Virtual Technician
- Soundboard Speaker System (110W)



European Cherry

DIGITAL PIANO CA71



Rosewood



Mahogany

- AWA Grand PRO II wooden key action
- Harmonic Imaging™ Sound Technology
- Maximum 192 note Polyphony
- 60 Sounds
- Built-in practice exercises and lessons
- Over two hours of 'Piano Music' songs
- Virtual Technician
- Six Speaker system (80W)

The mid-range instrument of the Concert Artist Series, the CA71 possesses an impressive selection of powerful features.



Mahogany

DIGITAL PIANO CA51



Rosewood



European Cherry

- AWA Grand PRO II wooden key action
- Harmonic Imaging™ Sound Technology
- Maximum 96 note Polyphony
- 40 Sounds
- Built-in practice exercises and lessons
- Over two hours of 'Piano Music' songs
- Virtual Technician
- Four Speaker system (80W)

An exceptional introduction to Concert Artist Series quality, the CA51 features KAWAI's authentic wooden key action.



DIGITAL PIANO
CA51E

Offering the classic sophistication of traditional ebony.



Ebony Polish

Special Edition



DIGITAL PIANO
CA51V

Elegance and character in a furniture-style design.



Mahogany Polish

SPECIFICATIONS

	CA91	CA71	CA51
Keyboard	88 weighted keys		
Action	AWA Grand Pro II		
Sound Source	Harmonic Imaging™ technology		
Polyphony	Max. 192 notes		Max. 96 notes
Internal Sounds	80 voices	60 voices	40 voices
Sound Categories	Piano 1, Piano 2, Electric Piano, Drawbar, Church Organ, Harpsi & Mallets, Strings, Vocal, Pad, Bass		
Reverb	Room 1, Room 2, Stage, Hall 1, Hall 2		
Effects	Chorus, Delay 1, Delay 2, Delay 3, Tremolo, Rotary 1, Rotary 2		
Dual Mode	Yes, with adjustable balance		
Split Mode	Yes, with adjustable balance, free split point and Four Hands Mode		
Recorder	2 Track, 10 Songs – 90,000 notes		2 Track, 5 Songs – 15,000 notes
Metronome	10 beat types: 1/4, 2/4, 3/4, 4/4, 5/4, 3/8, 6/8, 7/8, 9/8, 12/8 Drum Rhythms: 100 types		
Key Velocity	Normal, Light 1, Light 2, Heavy 1, Heavy 2, Off, User 1, User 2		
Virtual Technician	Voicing (Normal, Mellow 1, Mellow 2, Dynamic, Bright 1, Bright 2) Damper Resonance (Off, 1-10), String Resonance (Off, 1-10), Key Off Effect (Off, 1-10), Stretch Tuning (Normal, Wide), Tuning		
Temperaments	Equal (Piano Only), Mersenne pure (Major), Mersenne pure (Minor), Pythagorean, Meantone, Wcrckmeister III, Kirnberger III, Equal (Flat), Equal (Stretch), User		
Tone Control	Loudness, Bass Boost, Treble Boost, Mid Cut, User (3 Band EQ), Wall EQ	Loudness, Bass Boost, Treble Boost, Mid Cut, User (3 Band EQ)	Brilliance
Registrations	10 Memories		n/a
Lesson Function	Major & Minor Scales, Arpeggios, Chords & Inversions, Cadences, Hanon 1–20 US, Canada, UK & Australia: Alfred's Basic Piano Library Lesson Book Level 1A, Alfred's Basic Piano Library Lesson Book Level 1B Alfred's Basic Adult Piano Course Lesson Book Level 1, Alfred's Premier Piano Course Lesson 1A, Alfred's Premier Piano Course Lesson 1B Rest of the World: Burgmüller 25 (25 Etudes Faciles, Opus 100), Czerny 30 (Etudes de Mécanisme, Opus 849), Czerny 100 (Hundert Übungsstücke, Opus 139), Beyer (Vorschule im Klavierspiel, Opus 101), J.S. Bach: Inventionen, Sonatinen Album 1		
Piano Music	29 Songs		
Concert Magic	176 Songs		
Other Features	Transpose, Layer Dynamics, Layer Octave Shift, Lower Octave Shift, Damper Hold, 16-Part MIDI Multi Mode		
Display	2 x 16 characters LCD		
Pedals	Damper (with Half-Pedal support), Sostenuto, Soft		
Connections	Headphone x 2, MIDI In/Out/Thru, Line In (Left, Right), Line Out (Left/Mono, Right), USB (to Host)		
Speakers	4 x 7 cm + 2 x 1.9 cm speakers 132 cm x 53 cm Soundboard Speaker System	4 x 13 cm (enclosed) + 2 x 1.9 cm speakers	2 x 13 cm + 2 x 5 cm
Output Power	2 x 40W + 30W Transducer	2 x 40W	2 x 40W
Dimensions	142 x 52 x 95 cm (57" x 21" x 38")	139 x 52 x 95 cm (56" x 21" x 38")	138 x 52 x 91 cm (56" x 21" x 38")
Weight	87.0 kg (192 lbs)	83.0 kg (183 lbs)	71.5 kg (158 lbs)

Specifications are subject to change without notice.

KAWAI
THE FUTURE OF THE PIANO