

**KAWAI**

DIGITAL PIANO  
CN34 / CN24





AUTHENTIC TOUCH,  
BEAUTIFUL SOUND,  
INSPIRING FEATURES,  
RENOWNED QUALITY.

THE NEW STANDARD IN DIGITAL PIANO  
VALUE AND PERFORMANCE.

Learning to play a musical instrument can have a life-changing effect on an individual. From students performing better in school, to adults relaxing after work, studies suggest that music has a tremendously positive influence on everyone within the home.

The global resurgence of musical education in recent years has seen many parents opting for their offspring to learn the piano. Enthusiastic children progress rapidly, however, and quickly outgrow their first starter keyboard usually purchased as a trial instrument.

Investing in an acoustic piano is often considered the next step, however owning and maintaining such an instrument can be costly, and impractical when neighbours live too close-by. A digital piano can overcome such complexities, while still offering the many benefits of a fine acoustic piano.

Kawai's latest CN Series models feature a realistic, 88-note keyboard, beautiful grand piano sounds, and headphone jacks to avoid troubling neighbouring residents – all within an attractive, affordable instrument that will never require tuning.

In addition to faithfully recreating the touch and tone of an acoustic piano, the CN Series instruments boast a variety of additional features suitable for different playing abilities. The convenient lesson function allows aspiring pianists to learn piano with classical etudes, or songs from the popular *Alfred* course books\*, while Concert Magic encourages even non-players to enjoy making music by simply tapping the keyboard with a steady, rhythmical beat.

More experienced players can enjoy the Dual and Split keyboard modes, and playing songs with a range of additional instrument sounds, while those keen

to capture and share their performances will appreciate MIDI connectors, LINE-level audio jacks, and convenient recorder features such as the ability to save MP3 files directly to USB memory.<sup>1</sup>

With 85 years of knowledge and experience crafting outstanding acoustic pianos, the Kawai family name is highly respected among prominent educators and professional pianists throughout the world. And as Kawai instruments, the CN Series observe the company's proud reputation for build quality and attention to detail, ensuring peace of mind and many years of musical enjoyment.



## THE TOUCH OF A GRAND PIANO

The keyboard action of an acoustic grand piano is composed of black and white keys, graded hammers, and numerous other components working in harmony when each note is pressed. This beautifully designed mechanism allows gifted pianists to express a wealth of feeling and emotion in their music, as they appreciate and respond to the tactile nuances transmitted through the keyboard. Translating the piano action's intricate movements to a digital instrument, while retaining these acoustic-like subtleties is a stunning achievement – one which draws upon 85 years of experience in crafting the world's finest pianos.



## RESPONSIVE HAMMER II KEYBOARD ACTION

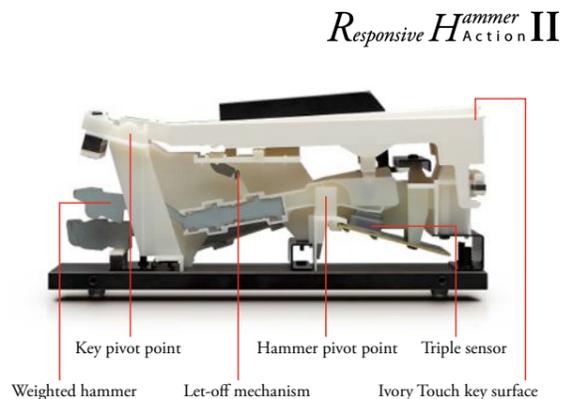
The new CN Series' class-leading *Responsive Hammer II* keyboard action recreates the supreme touch of an acoustic grand piano, with its realistic movement and rigid, springless design providing a smooth and natural piano playing experience. The instruments' modern, triple-sensor key detection system enhances responsiveness and accuracy, with structural reinforcements throughout the action assembly helping to minimise horizontal key wobble during staccato and fortissimo passages.

The weight of the keyboard is appropriately graded to mirror the heavier bass hammers and lighter treble hammers of an acoustic piano, while *let-off* simulation recreates the subtle 'notch' sensation felt when softly playing the keys of a grand piano. These important characteristics allow discerning pianists to practise their expanding repertoire with confidence, and ensure that there are no unpleasant surprises when called upon to perform using the finest acoustic grand pianos.

## IVORY TOUCH KEY SURFACES

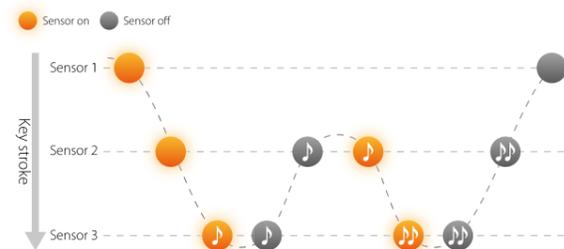
The impressive CN Series features Kawai's highly regarded *Ivory Touch* key surfaces as standard. This finely textured material gently absorbs fingertip perspiration and oils to assist playing control, and possesses a natural, matte finish that is smooth but not slippery.

Furthermore, this moisture is absorbed without dirt or grease permeating the surface, allowing the keytops to be wiped clean easily using just a damp cloth.



## TRIPLE-SENSOR KEY DETECTION

Complementing the grand piano-like keyboard touch, the *Responsive Hammer II* action also features a new triple-sensor key detection system for enhanced playing realism. The third sensor improves responsiveness when playing the same key repeatedly, and also allows the sound of a single note to be gradually 'layered' without the previous tone being lost.



In addition, improvements to the CN Series' sound hardware also permit the speed at which keys are lifted to influence the release character of piano sounds, providing a greater range of expressive detail between staccato and legato playing.



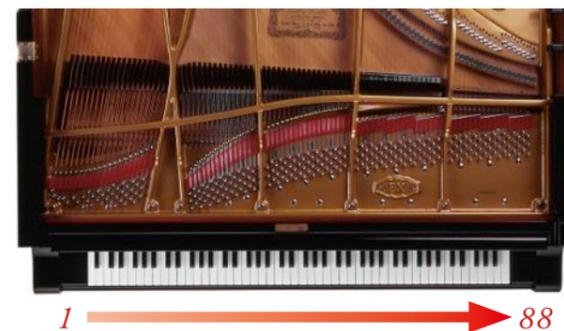
## THE SOUND OF A GRAND PIANO

The Kawai EX concert grand piano is widely regarded by professional pianists and piano technicians as one of the finest instruments within its class. Hand-built by Master Piano Artisans at the Shigeru Kawai Piano Research Laboratory in Ryuyo, Japan, each EX instrument undergoes a meticulous regulation and refinement process within a specially designed anechoic chamber. Following this lengthy crafting period, the completed EX concert grand piano receives a final series of rigorous quality inspections, before eventually taking centre stage in the world's most prestigious musical institutions and concert halls.

## 88-KEY PIANO SAMPLING

The beautiful sound of the Kawai EX concert grand piano is at the heart of the new CN Series, with all eighty-eight keys of this world-class instrument painstakingly recorded, meticulously analysed, and accurately reproduced as high-fidelity digital waveforms.

Recording each key individually in this way – as opposed to stretching the same tone over several different notes – preserves the rich harmonic character of the EX concert grand piano, and guarantees that the sound heard when playing any one of the CN Series' keys is a faithful representation of the original acoustic source.



## REDEVELOPED EFFECTS & REVERB

The CN Series' powerful new digital effects engine further enhances the instrument's superior core sounds, applying additional layers of detail and realism that bring performances to life.

The CN34's studio quality chorus, tremolo, delay, and auto-pan effects can be used to tailor a sound's character and feeling, with additional amplifier/speaker simulation applying vintage warmth to electric pianos. The depth of a performance can then be transformed using the instrument's updated reverb features, allowing pianists to position themselves within one of six acoustic environments, ranging from a small practise room to an inspirational grand cathedral.

## HARMONIC IMAGING TECHNOLOGY



When playing a fine piano, the amount of pressure applied to the keyboard affects not only the volume of the sound produced, but also the unique tonal character of each note. Therefore, in order to construct a realistic acoustic portrait of the EX concert grand piano, not only is each key recorded individually, but also at various different volume levels, ranging from gentle pianissimo to thunderous fortissimo.

The new CN Series offer a highly detailed acoustic portrait, employing Kawai's unique *Progressive Harmonic Imaging* sampling technology to ensure smooth tonal transitions across the keyboard and throughout the entire dynamic range.

## VIRTUAL TECHNICIAN PARAMETERS

An experienced piano technician is essential to fully realise the potential of a fine acoustic piano. In addition to meticulously tuning each individual note, the technician also performs numerous regulation and voicing adjustments that allow an instrument to truly sing.

The CN Series' *Virtual Technician* functions simulate these refinements digitally, allowing performers to shape various aspects of the piano's character to suit their unique personal preferences.





## THE VARIETY OF A DIGITAL PIANO

Complementing the instruments' excellent *Responsive Hammer II* keyboard action and impressive *Progressive Harmonic Imaging* piano sound, the new CN Series also offer a strong selection of digital piano features that further enhance one's musical enjoyment. USB audio record/playback, Dual, Split, and Four Hands keyboard modes<sup>1</sup>, and a rich assortment of instrumental voices add greater variety to players' performances, while the convenient metronome function and integrated classical etudes or *Alfred* course books\* ensure that regular practise is both productive and engaging for aspiring pianists.

## INSPIRATIONAL PLAYING MODES

The CN Series' built-in lesson function allows aspiring pianists to learn piano with classical Czerny, Burgmüller, Beyer etudes, or a collection of songs from the popular *Alfred* Basic, Adult, and Premier course books\*.

In addition, the instruments' Dual, Split, and Four Hands playing modes allow two different sounds to be layered together, or for the entire keyboard to be split into two separate sections for duet performances.

The CN34 model also boasts a hardware balance fader, allowing the volume of combined and split sounds (such as piano and strings, or organ and bass) to be adjusted quickly and easily in real-time.



## SONG RECORDER, USB CONVENIENCE

The new CN Series models feature song recorder capabilities that both enhance one's playing enjoyment and can also assist piano study. The CN24's useful recorder allows up to three songs to be stored in internal memory and played back at the touch of a button, serving as a convenient self-assessment tool for players of all skill levels.

The CN34 expands upon this functionality with 2-track recording, allowing individual left and right-hand parts or two different voices to be recorded separately, then later played back together. In addition, this model also includes a *USB to Device* connector which allows songs and settings stored in internal memory to be saved to USB flash memory, or for data prepared on one instrument to be loaded onto another – an invaluable tool for busy school music labs.



## MIDI/AUDIO RECORD & PLAYBACK

With an impressive selection of GM2 instrument sounds and drum kits, and 256 note polyphony, the CN34 is capable of playing and recording multi-track SMF (Standard MIDI Format) files from USB with stunning realism and musicality.

USB devices can also be used to play back MP3 or WAV audio files, allowing musicians to accompany their favourite artists, play along to professional 'minus one' backing tracks, or simply learn the chords for a new piece. It's even possible to record and save performances directly as MP3/WAV audio files for emailing to family and friends, or casual listening away from the piano.



## GRAND FEEL PEDAL SYSTEM

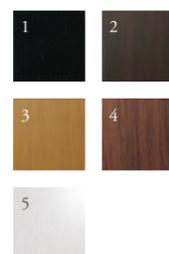
Reinforcing the CN Series' reputation as the most realistic digital pianos in their price range is Kawai's *Grand Feel Pedal System*. This new development accurately replicates the individual weighting of the damper, soft, and sostenuto pedals of a Kawai EX Concert grand piano to further enhance acoustic piano authenticity.



## ENERGY CONSERVATION

The new CN Series utilise modern, energy efficient components that reduce electricity consumption by approximately 50% (compared to previous models), while the instruments' optional power saving feature can also turn off the piano automatically after a specified period of inactivity.

1. Premium Satin Black
2. Premium Rosewood
3. Premium Cherry
4. Premium Mahogany
5. Premium Satin White



	CN34	CN24
Keyboard	88 weighted keys with Ivory Touch key surfaces / Responsive Hammer II (RHII) action with Let-Off and Triple Sensor	
Sound Source	Progressive Harmonic Imaging™ (PHI), 88-key piano sampling	
Internal Sounds	324 voices + 12 drum kits, GM2 compatible	15 voices
Polyphony	max. 256 notes	max. 192 notes
Display	2 x 16 characters LCD	-
Reverb	Room, Lounge, Small Hall, Concert Hall, Live Hall, Cathedral	
Effects	Chorus, Classic Chorus, Stereo Delay, Ping Delay, Triple Delay, Tremolo, Classic Tremolo, Phaser, Rotary (1-3), Phaser+Amp, Auto Pan+Amp	Preset
Dual Mode	Yes, with adjustable balance	Yes
Split Mode	Yes, with adjustable balance, free split point, and Four Hands Mode	Four Hands Mode
Recorder	3 song, 2 track recorder – max. 90,000 notes	3 song, 1 track recorder – max. 15,000 notes
Metronome	1/4, 2/4, 3/4, 4/4, 5/4, 3/8, 6/8, 7/8, 9/8, 12/8 + 100 drum rhythms Adjustable tempo & volume	1/4, 2/4, 3/4, 4/4, 5/4, 3/8, 6/8 Adjustable tempo & volume
USB Functions	Play & Record MP3/WAV/MID, Convert Song to Audio, Load & Save Song/Registration, Save SMF Song, Rename File, Delete File, Format USB	-
Touch Curve	Light 1, Light 2, Normal, Heavy 1, Heavy 2, Off (Constant)	Light, Normal, Heavy, Off (Constant)
Virtual Technician	String Resonance, Damper Resonance, Fall-back Noise, Key-off Effect (incl. Key-off Release), Key of Temperament	Damper Resonance, Key Off Release
Temperaments	Equal (Piano Only), Mersenne pure (Major), Mersenne pure (Minor), Pythagorean, Meantone, Werckmeister III, Kirnberger III, Equal (Flat), Equal	-
Lesson Function	US, Canada, UK & Australia	
	Alfred's Basic Piano Library Lesson Book Level 1A Alfred's Basic Piano Library Lesson Book Level 1B Alfred's Premier Piano Course Lesson 1A Alfred's Premier Piano Course Lesson 1B Alfred's Basic Adult Piano Course Lesson Book Level 1	Alfred's Basic Piano Library Lesson Book Level 1A Alfred's Basic Piano Library Lesson Book Level 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)	Burgmüller 25 (25 Etudes Faciles, Opus 100) Czerny 30 (Etudes de Mécanisme, Opus 849)
Concert Magic	88 songs	40 songs
Demo Songs	31 songs	15 songs
Other Features	Key/Song Transpose, Equaliser (incl. User EQ), Speaker Volume, Phones Volume, Line Out Volume, Audio Recorder Gain, Tuning, Damper Hold, Four Hands, User Memory, Factory Reset, Registrations Lower Octave Shift, Lower Pedal On/Off, Layer Octave Shift, Layer Dynamics, MIDI Channel, Send PGM#, Local Control, Transmit PGM#, Multi-timbral Mode, Channel Mute, Auto Power Off	Transpose, Tuning, Brilliance, MIDI Channel, Local Control, Multi-timbral mode, Transmit Program Change Number, Auto Power Off
Pedals	Damper (with half-pedal support), Soft, Sostenuto. Grand Feel Pedal System	
Jacks	MIDI (IN/OUT), USB (to Host, to Device), LINE IN (L/MONO, R), LINE OUT (L/MONO, R), Headphones x 2	MIDI (IN/OUT), Headphones x 2
Speakers	16 cm x 2	12 cm x 2
Output Power	20 W x 2	
Dimensions	1382 (W) x 473 (D) x 892 (H) mm 54 1/2" (W) x 18 3/8" (D) x 35 1/8" (H)	1370 (W) x 396 (D) x 848 (H) mm 54" (W) x 15 1/2" (D) x 33 1/8" (H)
Weight	55.0 kg / 121 lbs	

\* Depending on market location.

<sup>1</sup> Additional functions available on CN34 model only.

Specifications are subject to change without notice. Availability of cabinet finishes may vary depending on market area.

