

YAMAHA CLAVINOVA - MODEL CLP565 -GP



The CLP565GP's are the replacements to our stalwart CLP175 and 295 which have provided a sterling service for the last few years, but have come to the end of their working time.

These new instruments are a fantastic addition to our Event Hire Fleet and are already becoming firm favourites with some of our regular clients. The innovation and technological advances made in the digital piano range are enormous, and with the piano samples being taken from the amazing Yamaha CFX Concert Grand, and the Bösendorfer 280 Concert Grand, playing the CLP565 is like having one of these at your fingertips.

FEATURES :

Mini Grand Cabinet

Piano voicing sampled from Yamaha CFX and Bösendorfer Imperial grand pianos

Graded Hammer 3X (GH3X) keyboard with Synthetic Ivory keytops and escapement

303 lesson songs from popular piano methods

16-track recording & USB audio recording lets you share your music

Custom-designed sound system is optimized for mini grand cabinet

Intelligent Acoustic Control (IAC) provides optimum tone at any volume level

Acoustic Optimizer complements cabinetry for a fuller tone

34 voices



*"Our friends at Markson Pianos always provide us with a seamless, efficient and friendly service. The team respond quickly to what are sometimes very last minute requests in a very professional manner, providing a high quality product and always on time!"*

## UNPARALLELED GRAND PIANO SOUND



**Real Grand Expression: sound, touch and pedals, all perfectly integrated to give you the sensation of playing a grand piano.**

### **Real Grand Expression**

Sound Touch Pedals

Real Grand Expression; is a phrase that defines the expressive capability of Clavinova. It is the key components of the sound, the touch and the pedals, together with the application of technology developed through a history of acoustic piano manufacturing. With Real Grand Expression, these elements are combined perfectly into a single instrument, creating the exact sound you want through the touch of the keys and the feel of the pedals. When you play a Clavinova, you feel like that you are playing a grand piano.

### **Two of the world's finest grands....**



Left: Yamaha CFX, Right: Bösendorfer Imperial

The CFX, Yamaha's finest 9-foot concert grand selected and played by the winner of the 2010 International Chopin Piano Competition and the Imperial from Bösendorfer, a brand held in high esteem by pianists throughout its long history. These renowned pianos are characterized by distinctive traits such as power, versatility, subtlety, lightness and mellowness.

Both of these superb pianos' voices are featured in the Clavinova. Tuned to perfection by a

highly-experienced piano technician with the sound from each key sampled individually, Clavinova truly captures the unique tonal character of each of these outstanding instruments.

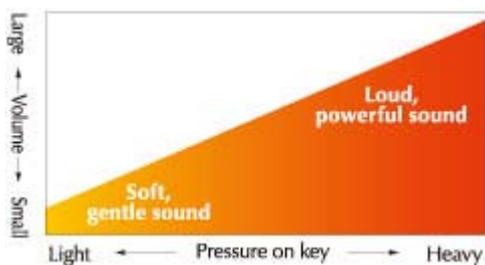
With Clavinova, you can enjoy the exquisite beauty of the sought-after tone that the Yamaha CFX and Bösendorfer Imperial deliver.

### **Reproducing the resonance and reverberation of an acoustic piano**

The Clavinova faithfully recreates the sound of an acoustic piano by utilizing features such as String Resonance to emulate the mellow tonal colors that occur when strings react to one another. The result is a beautiful tone with rich, deep reverberation.

In addition to the reverberation of the strings themselves, Damper Resonance reproduces the broad, deep sound field of an acoustic piano. It also mirrors the tonal changes that result when a damper pedal on a grand piano is depressed. It includes sounds such as those emitted from the key bed and emulates the cumulative resonance that occurs when all of these sounds blend together.

### **Smooth tonal transitions, perfectly matched to the player's touch**

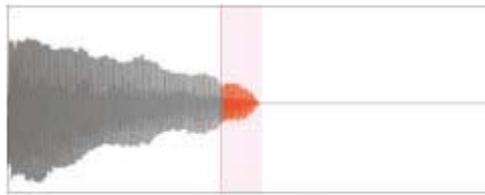


Variations of sound according to touch

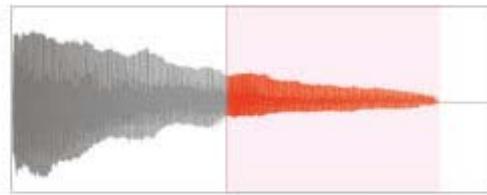
A pianist changes the volume and dynamics of the sound by varying the pressure applied to the keys. A Clavinova responds perfectly to give the player an outstanding level of performance control. By using long, carefully-sampled recordings of notes on a piano and unique Yamaha technologies to achieve smooth tonal transitions, rich, sonic detail is delivered in response to the touch of the player.

### **From staccato to legato, superbly expressive sound that responds to the player's touch**

Featuring Yamaha's Smooth Release technology, Clavinova recreates the crisp tone heard when playing staccato as well as the lingering sound produced by releasing the keys slowly.



Timing when your fingers begin to separate



Timing when your fingers begin to separate

Left: Rapidly lifting your fingers (staccato), Right: Slowly lifting your fingers (legato)

## Key-off samples

The moment a pianist's fingers are lifted from the keys of a grand piano, subtle changes occur in the instrument's tone as the damper is lowered onto the strings to mute the sound. Key-off samples feature actual recordings of these changes, offering a faithful reproduction of the most subtle nuances in the piano's tone, creating a more realistic overall sound.

## 256-note polyphony

Powerful polyphony ensures that more complex passages of music can be played without notes cutting off.

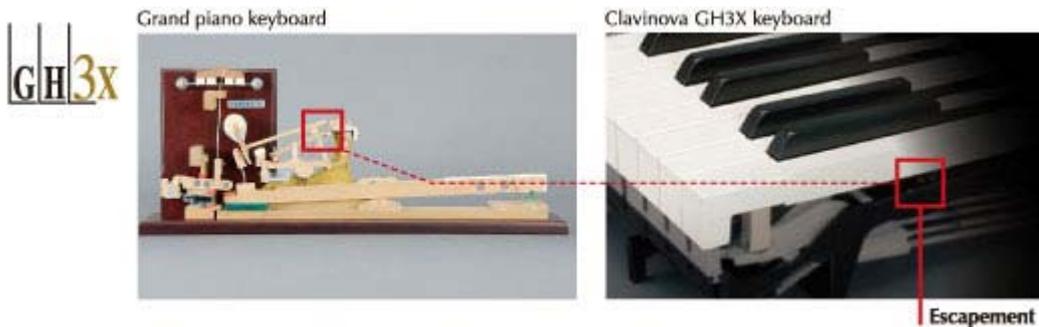
## SUPERB PLAYABILITY AND FEEL



## Graded Hammer 3X (GH3X) keyboard

Using knowledge gained from many years of piano manufacturing, Yamaha Clavinova has an incredibly realistic keyboard feel that recreates the sensation of playing an acoustic instrument. By using a similar hammer mechanism (with no springs) as is found in a grand piano, the GH3 keyboard action reproduces the touch of an acoustic instrument, from the heavier feel in the lower register to the lighter touch in the upper octaves. It also features a three-sensor configuration which accurately senses and interprets the behavior of the keyboard to create a response and feel very much like that of a grand piano.

The newly developed GH3X keyboard features an escapement mechanism that reproduces the feel of an acoustic piano as it goes through the let-off of the jack and the fall of the hammer when a key is played very softly.



## Synthetic Ivory keytops

Synthetic Ivory keytops reproduce the tactile surface of the Ivory keyboards once used in acoustic pianos. It features highly absorbent material that prevents fingers from slipping even after hours of performing, while retaining the ideal texture and feel.

## THE MECHANICS OF SUPERIOR SOUND



## Full-bodied tone and resonance

The sound of a Clavinova is calibrated in fine detail, with speaker positioning and body materials checked to ensure that the entire instrument resonates optimally. To create a sound field that is very close to that of a grand piano, the Clavinova features tone escape ports in several locations throughout the body that allow the sound from the speakers to be projected to the listener without being trapped inside the instrument.

## Acoustic Optimizer

The body of the Clavinova contains Acoustic Optimizers that regulate the flow of sound and control tone. A new technology developed from Yamaha's intimate knowledge of the acoustic properties of musical instruments, Acoustic Optimizers deliver a natural, smooth sound across the entire keyboard.

## Custom-designed sound system



Deep and expansive grand piano sound reflects powerfully off the piano lid.

## **OTHER FEATURES**



### **A variety of piano lesson pieces**

Features 303 exercises for building piano technique from popular methods like Hanon, Bayer, Czerny and Burgmüller. Connect an iPad using the NoteStar app to view the printed score and even turn pages using the pedals.

### **Multi-track song recording**

The recording function featured in Clavinova digital pianos allows you to record your performances with a single touch, which is useful when you want to review or archive your playing. You can record up to 16 tracks for simultaneous playback, allowing you to create your own songs using different sounds, or record each hand separately.

\* Recordings are made in MIDI format, and can also be recorded to USB flash memory. Compatible software is required for playback of recorded data on a computer.

### **USB Audio Recorder**

Record performances to USB flash memory as audio files (WAV format) that you can save and play back on a computer or portable audio device, share with friends or use to create a CD.

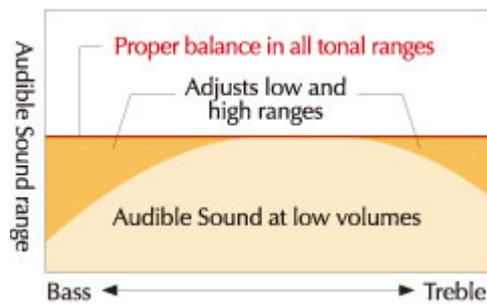
### **A comprehensive range of keyboard Voices**

In addition to pianos, the Clavinova CLP Series boasts an impressive library of instrument Voices including electric pianos, strings and organs. Enjoy the freedom to choose the ideal Voice for the genre of music you want to play or record.

### **New reverb that offers dynamic ambience and spatial effects**

A new reverb system allows you to experience the sensation of playing in a large concert hall, cathedral or other venue, adding depth and atmosphere to the sound. Now you can experience concert hall ambience and spaciousness in the privacy of your own home.

### **Intelligent Acoustic Control (IAC)**



The ability to adjust performance volume is extremely useful at home where players may not always be able to play at high volume levels. At low volumes, bass and treble used to be difficult to hear, however, Clavinova is equipped with Intelligent Acoustic Control (IAC), which adjusts the sound automatically, allowing players to enjoy balanced sound at any volume level.

## Size/Weight

Dimensions	Width	1430mm (56-5/16")
	Height	932mm (36-11/16")
	Depth	1147mm (45-3/16")
Weight	Weight	101kg (222lbs., 11oz)

## Control Interface

Keyboard	Number of Keys	88
	Type	GH3X (Graded Hammer 3X) keyboard with synthetic ivory keytops, escapement
	Touch Sensitivity	Hard 2, Hard 1, Medium, Soft 1, Soft 2, Fixed
Pedal	Number of Pedals	3
	Half Pedal	Yes
	Functions	Damper with half pedal effect, Sostenuto, Soft
Display	Type	Full Dot LCD
Panel	Language	English

## Cabinet

Key Cover	Key Cover Style	Sliding
Music Rest		Yes

## Voices

Tone Generation	Piano Sound	Yamaha CFX, Bösendorfer Imperial
	Key-off Samples	Yes
	String Resonance	Yes
	Smooth Release	Yes
	Damper Resonance	Yes
Polyphony	Number of Polyphony (Max.)	256
Preset	Number of Voices	34

## Effects

Types	Reverb	6
	Chorus	3
	Brilliance	7
	Master Effect	12
	Intelligent Acoustic Control (IAC)	Yes
Functions	Dual/Layers	Yes
	Split	Yes

## Songs

Preset	Number of Preset Songs	18 (Voice Demo), 50 (Piano), 303 (Lesson)
Recording	Number of Songs	250
	Number of Tracks	16

## Functions

USB Audio Recorder	Playback	WAV
	Recording	WAV
Metronome	Tempo Range	5 ~ 500 (quarter note)
Overall Controls	Transpose	Yes

	Recording	...
Metronome	Tempo Range	5 ~ 500 (quarter note)
Overall Controls	Transpose	Yes
	Other Control	Tuning, Scale Type, etc.

### Storage and Connectivity

Storage	Internal Memory	approx. 1.5MB
	External Drives	USB Flash Memory
Connectivity	Headphones	2
	MIDI	IN, OUT, THRU
	AUX IN	Stereo Mini
	AUX OUT	L / L+R, R
	USB TO DEVICE	Yes
	USB TO HOST	Yes

### Amplifiers and Speakers

Amplifiers	(25W + 10W) x 2
Speakers	(16cm + 5cm) x 2 [(6-5/16" + 1-15/16") x 2]
Speaker Box	Yes
Acoustic Optimizer	Yes

### Power Supply

Power Consumption	30W
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### Accessories