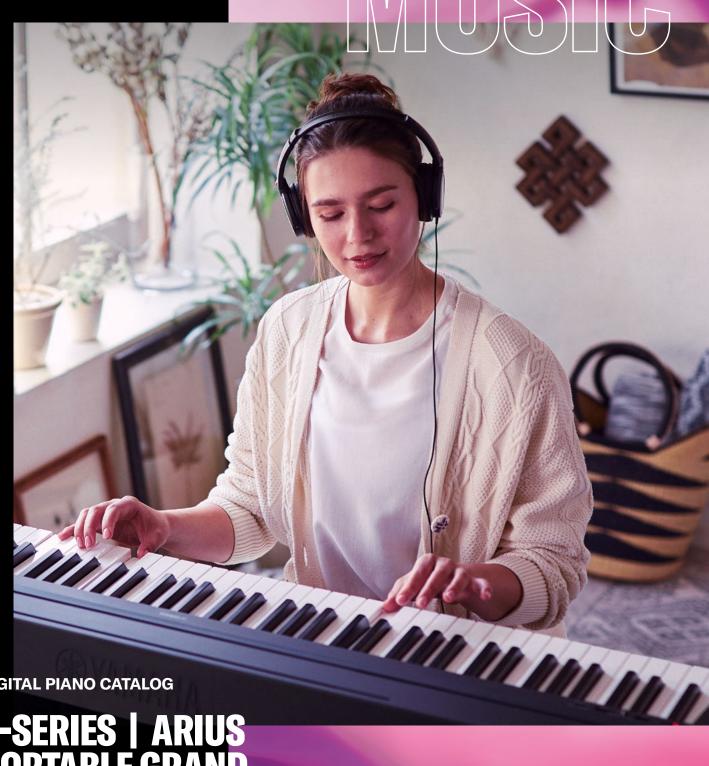
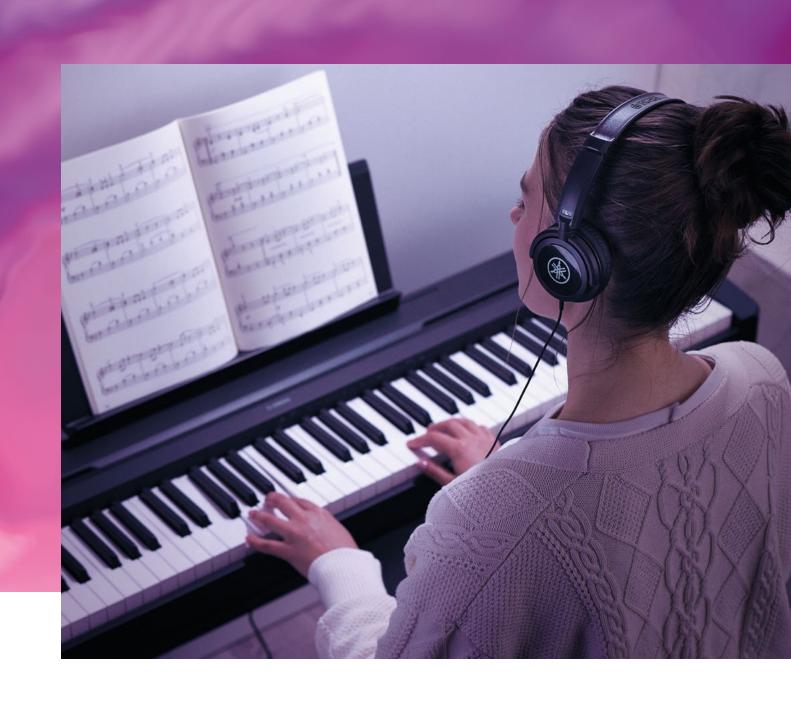


IME YOUR



DIGITAL PIANO CATALOG

P-SERIES | ARIUS PORTABLE GRAND



EXQUISITE DIGITAL PIANOS FOR ALL MUSICAL JOURNEYS

There is nothing quite like exploring the world of music and letting it take you to new levels of learning, discovery, inspiration, and expression. Yamaha digital pianos are the perfect companions for this journey. Elegant and crafted with uncompromising standards in quality and

state-of-the-art technology, each Yamaha digital piano is sure to give players of all levels countless hours of musical enjoyment and creative artistry. Discover what makes Yamaha digital pianos unique and write your own new musical chapter.

PORTABLE & VERSATILE

P-125A | P-121 | P-45 | DGX-670

Musical inspiration can take you anywhere with the versatile Yamaha digital pianos range, from the **P-series P-125A, P-121, P-45 to the Portable Grand DGX-670.** Lightweight and portable, they offer hassle-free transport and set-up so you can immediately enjoy every exciting playing feature.



CLASSIC & SLIM

YDP-165 | YDP-145 | YDP-105

Enjoy the feeling and sound of playing an acoustic piano with this exceptional range of digital pianos including the **ARIUS YDP-165**, **YDP-145** and **YDP-105**. All offer optimal playability with a full sized 88-key keyboard, and a triple pedal setup for rich, authentic sound.



CLP-775 | CLP-745 | CLP-735 | CLP-725 | CLP765GP | CVP701

Clavinova pianos provides the amazingly accurate grand piano-like feel & satisfy the needs & desires of Piano lovers around the world.

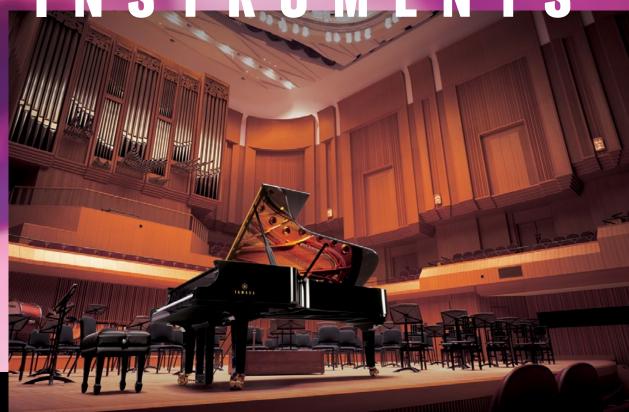
To experience pure Joy of playing the Piano, look no further than Clavinova





Y A M A G A B

OVER 130 YEARS OF EXPERTISE IN STRUMENTS



A UNIQUE COMBINATION

With more than 130 years of uncompromising craftsmanship in instruments and digital engineering for more than 30 years, Yamaha has a unique knowledge and experience in making various musical instruments. Our dedication to precision is no coincidence: after all, our founder was a trained watchmaker, whose attention to detail established our philosophy of setting the highest of standards in quality and reliability. Today this can be experienced in every Yamaha instrument.



TECHNOLOGY MEETS TRADITION

Tradition and innovation have always been driving forces at Yamaha. As a result of digital piano development we set up a new benchmark with the Clavinova series in 1983. From this starting point we've consistently gone the way of designing the highest standard digital pianos from classical pianos, up to our portable pianos and keyboards. Regardless of model, they all stand for high quality materials, craftsmanship, and the latest audio & digital technology. And all must pass our strict quality controls.

PURE PLAYING ENJOYMENT

Our digital pianos come packed with features, highlights and state-of-the-art digital technology. Experience keyboard actions, with the touch and feel of an acoustic grand piano, or the rich authentic sound of the world-famous Yamaha CFX Concert Grand Piano. Enjoy a vast selection of extraordinary and versatile voices and sounds for countless hours of musical exploration and fun. Just right for all ages and piano skill levels.

MORE MUSIC MAGIC

Uncompromising quality and the very latest in audio and digital technology make our portable pianos the perfect musical partners for more playing fun, learning, and creative expression. Experience the feeling of a grand piano at your fingertips and let the music take you to new playing heights. Transport and setup are always quick and easy, so you're ready to play when and where you want. Whether at home or live on stage, with Yamaha portable pianos the musical journey never ends.

PORTABLE & VIEW SALLE

P-125A | P-121 | P-45 | DGX-670

Musical discovery and enjoyment should go anywhere. That's why we created the Yamaha P-125A, P-121, P-45, and DGX-670. Their lightweight, hassle-free portability and easy setup mean you're always ready to play when and where the inspiration hits you.

P-seríes Portable Grand





Perfect size for powerful performances everywhere: the Yamaha P-125A (88 keys) and P-121 (73 keys) combine the best in compact digital piano performance, pure design, and go-anywhere convenience. Play, learn, and perform wherever you like.



P-125A





HIGHLIGHTS P-125A & P-121

- Graded Hammer Standard (GHS) keyboard with 88 keys (P-125A) or 73 keys (P-121) and matte black keys
- Pure CF Sound Engine
- 24 Voices
- Damper Resonance, String Resonance
- Key-Off Samples
- 4 types of Reverb
- 192-note polyphony
- 20 rhythms
- 2-track recording (1 Song)
- 50 Classic Preset Songs
- Dual and Split function; Duo mode
- Intelligent Acoustic Control (IAC)
- Stereophonic Optimizer
- USB to HOST terminal
- Headphones x 2, AUX OUT, Sustain Pedal
- Amplifiers: 7 W x 2; Speakers: 12 cm x 2 + 4 cm x 2











AVAILABLE COLORS

■ Black (P-125AB / P-121B)



OPTIONAL ACCESSOIRES

- Stand in black (L-125B)
- Stand in black (L-121B)
- Piano-style pedal in black (LP-1B)













HIGHLIGHTS P-45

- Graded Hammer Standard (GHS) keyboard with 88 keys and matte black keys
- AWM Stereo Sampling
- 10 Voices
- 4 types of Reverb
- 64-note polyphony
- 10 Preset Piano Songs
- Dual function; Duo mode
- USB to HOST terminal
- Headphones, Sustain Pedal
- Amplifiers: 6 W + 6 W; Speakers: 12 cm x 2









AVAILABLE COLORS

■ Black (P-45B)



OPTIONAL ACCESSOIRES

■ Stand (L-85)



Make the first step in a lifelong musical journey something unforgettable with the Yamaha P-45. Ensuring playing enjoyment it comes with 64 note polyphony, Graded Hammer Standard (GHS) weighted keyboard, 10 voices and much more.



THE EXCEPTIONAL SIDE OF ENTRY-LEVEL



HIGHLIGHTS DGX-670

- Graded Hammer Standard (GHS) keyboard with 88 keys and matte black keys
- CFX piano samples
- 601 Voices + 29 Drum/SFX Kits incl. Super Articulation Voices
- VRM (Virtual Resonance Modeling)
- Key-Off Samples, Smooth Release
- Reverb, Chorus, DSP, Master Compressor, Master EQ, Part EQ
- Piano Room
- 256-note polyphony
- 263 auto accompaniment Styles, each with 4 variations

- 4.3 inch TFT Color WQVGA Display for e.g. Score, Lyrics and Text
- 16-track recording incl. Song Creator; USB Audio Recorder
- 100 Preset Songs
- Dual and Split function
- Intelligent Acoustic Control (IAC)
- Stereophonic Optimizer
- USB to HOST and USB to DEVICE terminal
- Headphones, Microphone, AUX IN, AUX Pedal
- Amplifiers 6 W × 2; Speakers: (12 cm + 5 cm) × 2
- Bluetooth® audio (feature may not be available depending on the country where the product is purchased)

















AVAILABLE COLORS

■ Black (DGX-670B)



OPTIONAL ACCESSOIRES

- Stand in black (L-300B)
- Piano-style pedal in black (LP-1B)









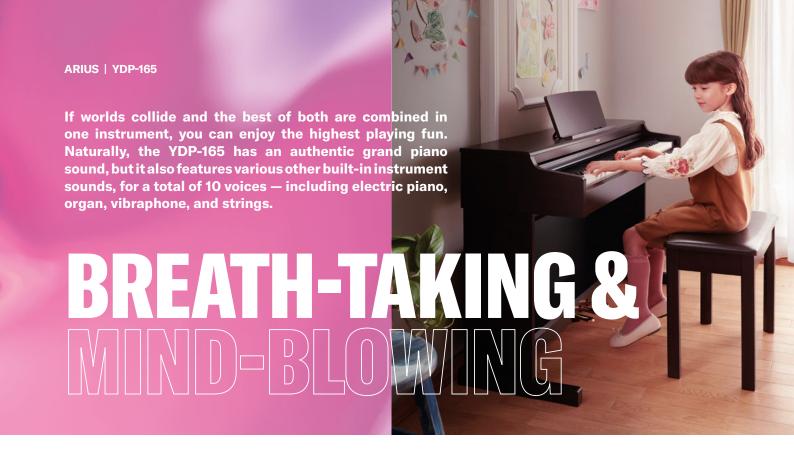
GLASSIC & SLIM

YDP-165 | YDP-145 | YDP-105

The aesthetic design of ARIUS in the tradition of classic piano craftsmanship is a highlight for any room. Thanks to their lighter weight and compact stance, they can also be easily moved to where the music is needed most. Make any location the perfect place for a musical performance with this high-performing series.

ARIUS





HIGHLIGHTS YDP-165

- Graded Hammer (GH3) keyboard with 88 keys and synthetic ebony and ivory keytops
- CFX piano samples
- 10 Voices
- Virtual Resonance Modeling Lite (VRM Lite)
- Key-Off Samples, Smooth Release
- 4 types of Reverb
- 192-note polyphony
- 2-track recording (1 Song)
- 50 Classic Preset Songs, 303 Lesson Songs
- Dual function; Duo mode
- Intelligent Acoustic Control (IAC)
- Stereophonic Optimizer
- USB to HOST terminal
- Headphones x 2
- Amplifiers 20 W × 2; Speakers: 12 cm × 2
- Sliding Key Cover











AVAILABLE COLORS

■ Dark rosewood (YDP-165R)









HIGHLIGHTS YDP-145

- Graded Hammer Standard (GHS) keyboard with 88 keys and matte black keys
- CFX piano samples
- 10 Voices
- Virtual Resonance Modeling Lite (VRM Lite)
- Key-Off Samples
- 4 types of Reverb
- 192-note polyphony
- 2-track recording (1 Song)
- 50 Classic Preset Songs, 303 Lesson Songs
- Dual function; Duo mode
- Intelligent Acoustic Control (IAC)
- Stereophonic Optimizer
- USB to HOST terminal
- Headphones x 2
- Amplifiers 8 W × 2; Speakers: 12 cm × 2
- Sliding Key Cover















AVAILABLE COLORS

■ Dark rosewood (YDP-145R)





SOPHSTICATION IN STYLE AND SOUND

Start your day with music and a huge smile on your face — the ARIUS piano makes you want to play more and more. The YDP-145 features a piano voice sampled from Yamaha's flagship CFX Concert Grand Piano — a renowned piano that delivers sparkling highs and a powerful resonant bass combined in a superbly expressive sound.

HIGHLIGHTS YDP-105

- GHS keyboard with matte black keytops
- AWM Stereo Sampling
- 4 Type of reverb
- 64-Note Polyphony
- 10 voice demo songs
- 10 piano preset songs
- Dual function; Due mode
- USB to HOST terminal
- Headphone Standard stereo phone jack (x 2)
- Amplifiers 6 W x 2; Speakers 12 cm x 2
- Folding Key Cover



APPS









■ Black (YDP-105B)









Revel in superb AWM stereo-sampled reproductions of instruments such as Yamaha grand piano delivered through newly designed speakers in rich harmonic detail that akes any musical endeavorwhether practice or play- a truly inspiring experience.





ACOUSTIC PIANO PLAYABILITY AND

HALF DAMPER
PED/ALGONIA

Heavier in the lower register with a lighter touch in the upper octaves, the GHS (Graded Hammer Standard) keyboard provides a grand piano-style response and feel, allowing rapid note repetition and authentic expressive control. Moreover, there's a half-damper feature that authentically repiicates the damper action on a grand piano, providing rich expressive variation



SPECIFICATIONS

MODEL	D 40EA	D 404	D. A.F.
MODEL	P-125A	P-121	P-45
Keyboard	Graded Hammer Standard (GHS) with matte-finish black keys	Graded Hammer Standard (GHS) with matte-finish black keys	Graded Hammer Standard (GHS) with matte-finish black keys
Number of Keys	88 73		88
Display	-	-	-
Voices	24	24	10
Tone Generating Technology	Pure CF Sound Engine	Pure CF Sound Engine	AWM Stereo Sampling
Number of Polyphony	192	192	64
Dual / Split	VIV	VIV	√ -
Duo Mode	~	~	~
Reverb / Chorus	4 types	4 types	4 types
Additional Effects	Damper Resonance / Sound Boost / EQ-Types / Stereophonic Optimizer / Key-Off Samples / String Resonance	Damper Resonance / Sound Boost / EQ-Types / Stereophonic Optimizer / Key-Off Samples / String Resonance	-
Accompaniment Styles / Variations	20 rhythms (Drums + Bass)	20 rhythms (Drums + Bass)	-
Auto Accompaniment	-	-	-
One Touch Setting	_	-	-
Playlist		-	-
Lesson / Guide	-	-	-
Pitch Bend Wheel	_	-	_
Recording	2 tracks / 1 song	2 tracks / 1 song	-
Registration Memory	-	-	-
FlashROM Memory	✓	✓	-
Intelligent Acoustic Control (IAC)	✓	✓	-
Headphone Jacks	2	2	1
Microphone	-	-	-
MIDI	-	-	-
USB TO HOST / USB TO DEVICE	MIDI, Audio / –	MIDI, Audio / -	MIDI, Audio / –
Amplifiers (W)	7W+7W	7W+7W	6W+6W
Speakers	12 cm x 2 + 4 cm x 2	12 cm x 2 + 4 cm x 2	12 cm x 2
Dimensions (in mm)			
Width	1,326	1,114	1,326
Depth	295 (353 with stand)	295 (353 with stand)	295 (353 with stand)
Height	166 (759 with stand)	166 (759 with stand)	154 (744 with stand)
Weight (kg)	11.8	10.0	11.5
AC Power Supply	included	included	included
Pedals	Foot switch included optional: FC3A, FC4A, FC5, LP-1B / LP-1WH	Foot switch included optional: FC3A, FC4A, FC5, LP-1B / LP-1WH	Foot switch included optional: FC3A, FC4A, FC5
Optional Stands	L-125B	L-121B	L-85
Optional Adapter	UD-BT01"	UD-BT01"	UD-BT01"

^{*} The LP-1 pedal unit can only be used in combination with the optional L-515, L-125, L-121 or L-300 stand. **The Bluetooth® feature may not be available, depending on the country where the product is purchased.

DGX-670	YDP-165	YDP-145	YDP-105	
Graded Hammer Standard (GHS) with matte-finish black keys	Graded Hammer 3 (GH3) with synthetic ebony and ivory keytops Graded Hammer Standard (GHS) with matte black keytops		Graded Hammer 3 (GH3) with synthetic ebony and ivory keytops	
88	88 88		88	
TFT Color WQVGA LCD, 4.3 inch (480 × 272 dots)	7	-	-	
601 Voices + 29 Drum / SFX Kits	10	10	10	
Yamaha CFX	Yamaha CFX	Yamaha CFX	Yamaha CFX	
256	192	192	192	
√ ✓	√ 1-	√ 1-	√ -	
-	✓	✓	<u> </u>	
58 types / 106 types	4 types / –	4 types / –	4 types / –	
295 DSP types / 5 Master Compressor / 5 Master EQ types / 27 Part EQ / Stereophonic Optimizer / VRM / Smooth Release / Key-Off Samples	Stereophonic Optimizer / Virtual Resonance Modeling Lite (VRM Lite) / Smooth Release / Key-Off Samples Stereophonic Optimizer / Virtual Resonance Modeling Lite (VRM Lite) / Key-Off Samples		Stereophonic Optimizer / Virtual Resonance Modeling Lite (VRM Lite) / Smooth Release / Key-Off Samples	
263/4			-	
✓	-	-	-	
✓	-	-	-	
✓	-	-	-	
Follow Lights, Any Key, Karao-Key, Your Tempo	303 Lesson Songs	303 Lesson Songs	303 Lesson Songs	
✓	-	-	-	
16 Tracks Midi, USB Audio Recorder	2 tracks / 1 song	2 tracks / 1 song	2 tracks / 1 song	
4 Buttons, Registration Sequence, Freeze	-	-		
✓	√	√	_	
~	✓	✓	→	
1	2	2	2	
✓	-	-	-	
-	-	-	-	
MIDI, Audio / ✓	MIDI, Audio / –	MIDI, Audio / –	MIDI, Audio / –	
6 W + 6 W	20 W + 20 W	8 W + 8 W	20 W + 20 W	
(12 cm + 5 cm) × 2	12 cm × 2	12 cm × 2	12 cm × 2	
1,397	1,357	1,357	- 1,353	
445	422	422	309	
151	849	815	792 (key cover open 976)	
21.4	42.0	38.0	40.0	
included	included	included	included	
Foot switch included optional: LP-1B/LP-1WH*, FC3A/FC4A/FC5	Includes 3 pedals: damper with half-pedal effect, sostenuto and soft	Includes 3 pedals: damper with half-pedal effect, sostenuto and soft	Includes 3 pedals: damper with half-pedal effect, sostenuto and soft	
L-300B	-	-	-	
UD-BT01", UD-WL01**	-	-	-	

^{✓ =} Yes, function included

^{- =} No, function not included

CLAVINOVA SERIES

Turn your living room into a performance venue for a top-flight grand pianos



Revolutionary innovation (RGE2)

CLP-700 Series converts the slightest variations in touch into a limitless range of sound that captures your individuality as a musician. Thanks to the latest technology, CLP-700 Series is as expressive as grand pianos, and offer a more wonderful playing experience than ever before, taking your expectations of what a digital piano can do to higher heights.

Highly responsive GrandTouch™ GrandTouch- S™ keyboards



The different sensations you feel in your fingertips when you play softly, vigorously, or anywhere in between are the product of responsiveness just like actual grand piano hammers striking strings. The greater dynamic range of the GrandTouch / GrandTouch-S keyboards create a feel very close to that of a grand piano.

Tonal expression delivered through touch on par with a grand piano

Grand Expression Modeling is cutting-edge technology that simulates the wide variety of tonal expression produced by the complex workings of the hammers, strings, dampers, and other internal components of a grand piano. The ability to produce different tonal qualities by varying dynamics and articulation teaches you how to control your fingertips to enhance the intricacy of your tonal expression. This magnifies the joy of playing, and exposes you to the essence of piano playing.

Experience the distinct characteristics of two concert grand pianos



Yamaha used all-new samples for the voices of two world-class concert grand pianos—the bright, brilliant voice of the Yamaha CFX, and the warm, deep resonance of the Bösendorfer Imperial. The highly distinctive sounds of these pianos feature lush harmonics and vivid resonance created from the sympathetic vibrations of the strings and soundboard, faithfully delivered in response to your articulation and pedaling. Richer tonal gradations than ever before give you an even greater range of dynamic expression. Additionally, binaural sampling was used to create the voices of the two famed pianos. Even through headphones, the voices are natural and full, preserving the acoustic sound to such a degree that you forget that you're not hearing the sound straight from the instrument itself. Experience the ability to play an even broader range of songs the way they were meant to be played.

Acoustic design that realistically simulates the sound image of a grand piano

When you play a grand piano, you experience the sensation of being enveloped in the resonance of the instrument. The high-end models of the CLP-700 Series use Grand Acoustic Imaging—advanced acoustic technology that simulates the sound image and sound field of a grand piano. The technology recreates the full experience of playing a grand piano, with the sensation of the hammers striking the strings in front of you, the reverberations from the strings dissipating away from you, and the sense of depth that comes from the sound resonating from the soundboard. The keys to creating such a realistic environment are the optimal placement and balance of the individual bass, mid, and treble speakers, and the addition of transducers. Each and every tone sounds like it was emitted from the proper place on an actual grand piano, and the transducers simulate the expansion of the sound to fill the venue. The cases of the grand piano models are even used to simulate the radiation of grand piano sounds, creating a lush listening environment for the audience as well.

Period instrument voices open the door to the world of classical music



CLP-700 Series is Yamaha's first instruments to be equipped with the voices of the fortepiano, the predecessor to the modern piano. The sounds emitted by a fortepiano are simpler than those of a modern piano, and decay much more rapidly. Hearing the sounds of the instruments played when the likes of Mozart, Beethoven, and Chopin were composing their songs should illuminate the original intent behind the notes on the page. Here is a novel opportunity to communicate with historical composers by playing these period instruments.

& CLP SERIES

CVP-701

CVP-701B Black



A diverse library of sound

From the superb sound of keyboard instruments such as the CFX Yamaha concert grand and the Bösendorfer Imperial, to strings, percussion, and even choirs and other effect sounds, the CVP features a huge variety of voices.





Styles (Automatic accompaniment)

Enjoy ensemble performances together with a range of different instruments, so that you can play with your own backing band, even when you're on your own.



Comprehensive suite of karaoke functions

Call up song lyrics on the display and connect a microphone to enjoy performing karaoke in the comfort of your own home.

CLP-775





GrandTouch™ keyboard with 88-key **Linear Graded Hammers / GP Response Damper Pedal**

Just like a grand piano, each and every one of the 88 keys is uniquely calibrated to simulate a different weight and return. The GP Response Damper Pedal is designed to work and respond just like a grand piano damper pedal, allowing you to practice with authentic touch and feel whenever you play your Clavinova.



Grand Acoustic Imaging / 3-way speakers

The CLP-775 features a speaker box with individual speakers for the bass, mid, and treble ranges. The speakers are optimally balanced and placed, and additional transducers create a natural sound field akin to the resonance from a grand piano soundboard.

CLP-775R







Touch sensor control panel

The touch panel only displays text when it is on—when the panel is off, it has the smooth finish of a keyblock.

CLP-745

CLP-745DW Dark Rosewood





GrandTouch-S[™] keyboard with wooden keys

With grand piano-like consistency and a broad dynamic range of touch from pianissimo to fortissimo, GrandTouch-S keyboard offers precise tone control. Made of solid wood.



2-way speakers

Individual speakers for the mid and treble ranges produce a clear sound with depth.



Bluetooth® audio / Bluetooth® MIDI

Use music apps on your Bluetooth device to play songs through the Clavinova's speakers, or even play along. You can even connect to the instrument wirelessly using Yamaha's Smart Pianist app.





GRANDTOUCHS I



New CFX and Bösendorfer sampling / Binaural sampling

The powerful, brilliant Yamaha CFX, and the Bösendorfer Imperial with its rich tones and natural-feeling resonance. The CLP-735 faithfully reproduces the dynamic range and diverse tone variation of these two great pianos. The full ambience of the sound while playing with headphones eliminates stress.



2 fortepiano voices, rhythms, USB Audio Recorder

Equipped with the voices of two pianos beloved by Mozart and Chopin. The rhythm function adds more fun and pizzazz to simple performances. Use a USB flash memory to play your best recorded performances on PCs and other devices.



Easy to control with full text LCD

An easy-to-read display and a simple interface for selecting functions such as rhythms and lesson songs. Dedicated panel buttons give quick access to the Yamaha CFX and Bösendorfer Imperial piano voices.







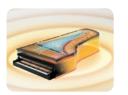
Grand Expression Modeling

The CLP-725 reproduces the diverse tonal variations created by the behavior of the hammers, strings, and of a grand piano. The faithful simulation of the tone variation created by differences in the force and speed with which the keys are pressed and released enables a fuller experience of playing than ever before, helping pianists develop genuine expressive abilities.



GrandTouch-S™ keyboard with synthetic ebony and ivory keytops

With grand piano-like consistency and a broad dynamic range of touch from pianissimo to fortissimo, GrandTouch-S keyboard offers precise tone control. The synthetic ivory white keys and synthetic ebony black keys make it easy to play for long periods.



Two incredible concert grand piano voices / Virtual Resonance Modeling Equipped with Yamaha CFX and Bösendorfer Imperial voices. VRM intricately simulates the full sympathetic sounds created by the overlapping resonance of the strings and body of a grand piano. The exquisite piano sound makes every song sound great.



CLP-765GP





Mini Grand cabinet with customdesigned sound system

Grand piano style and design brings elegance to any room. Deep and expansive grand piano sound reflects powerfully off the piano lid.



GrandTouch-S™ keyboard with synthetic ebony and ivory keytops

With grand piano-like consistency and a broad dynamic range of touch from pianissimo to fortissimo, GrandTouch-S keyboard offers precise tone control. The synthetic ivory white keys and synthetic ebony black keys make it easy to play for long periods.

CLP-765GP Black







Bluetooth® audio / Bluetooth® MIDI

Use music apps on your Bluetooth device to play songs through the Clavinova's speakers, or even play along. You can even connect to the instrument wirelessly using Yamaha's Smart Pianist app.

					1	1		
			CVP-701	CLP-775	CLP-745	CLP-765GP	CLP-735	CLP-725
	Piano Sound		New Yamaha CFX & Bösendorfer Imperial, New CFX Binaural Sampling & Bösendorfer Binaural Sampling				New Yamaha CFX, Bösendorfer Imperial, CFX Binaural Sampling	
Sound	Number of Voices		Yamaha CFX, Bösendorfer Imperial	38			10	
		Fortepiano voices	777 Voices + 29 Drum / SFX Kits + 480 XG Voices	2 (Mozart Piano / Chonin Piano)				
	Virtual Resonance Modeling (VRM)		Yes					
	Grand Expression Modeling		Yes					
	Amplifiers		(40W + 30W + 20W) × 2 + 80W	(50 W + 42 W + 50 W) x 2	(50 W + 50 W) x 2	(50 W + 42 W) x 2	30 W x 2	20 W x 2
	Grand Acoustic Imaging	Grand Acoustic Imaging		Yes			-	
	Speakers		(16 cm + 5 cm + 2.5 cm (dome)) × 2 + 20 cm, Spruce Cone Speaker, Twisted Flare Port	(16 cm + 8 cm + 5 cm + transducer) x 2	(16 cm + 8 cm) x 2	(16 cm + 5 cm) × 2	16 cm x 2	12 cm x 2
	Speaker Box		Yes				-	
Touch & Pedals	Keyboard Type		GrandTouch™ keyboard					
	Wooden keys (White keys)			Yes	-			
	88-key Linear Graded Hammers		Yes		-			
	Counterweight		Yes			-		
	GP Response Damper Pedal		Yes				-	
Functions	USB Audio Recorder		WAV				-	
	Rhythms		20				-	
	Built-in Bluetooth Audio / MIDI*		Yes		-			
	Control panel		Touch sensors		Buttons			













DESIGN PHILOSOPHY



The very best keys and pedals



Since the inception of Clavinova in 1983, Yamaha has developed the digital pianos in this lineup with the aim of achieving the same feel as a grand piano. The keys have an extraordinary impact on the feel of a piano, and Yamaha has focused on delivering grand piano feel in the designs of the keys used in Clavinova pianos. However, that feel cannot be reproduced in digital pianos simply by imitating the structure and shape of the grand piano action, for a variety of reasons. Chief among these is the difference between the way digital pianos emit sounds, and that of grand pianos, which utilize a mechanism in which hammers strike strings. Additionally, grand piano keyboards comprise over 6,000 components working in concert to produce a distinct feel that suffers if even one component is missing or not maintained on a regular basis. Yamaha always prioritizes playability, and is constantly refining the digital piano keyboard, innovating and optimizing the sound-producing structure and housing used in digital pianos as it seeks to satisfy the need for a compact, durable form. Pedals are another important determinant of playability, and Yamaha designs damper pedals that are responsive, yet also simulate the unmistakable gravity of grand piano pedals to achieved more nuanced pedal operation.



Design philosophy



Clavinova pianos boast excellent playability and versatile functions, along with a refined, authentic design that blends a compact form with modern aesthetics in a manner befitting the instrument that sets the contemporary standard for pianos. At the heart of the Clavinova design concept is the way the player feels when they take their seat in front of a Clavinova piano. Unnecessary elements are removed from the player's field of vision to create a convincingly natural space that feels just like sitting at an acoustic piano. This represents Yamaha's consideration to players who practice on Clavinova and perform on grand pianos—they are able to take the stage free of tension or worry because everything feels normal, as it should. A Clavinova piano is a part of the player's everyday life—contemporary accents and color variation are available to mesh with any interior design or lifestyle.

Lifelike concert grand piano sound



The vitality of the grand piano makes it feel as though it is alive, and Yamaha is committed to equipping Clavinova with the same ability to produce rich, natural sound. This is achieved through the real-time calculation of the sympathetic sounds produced by the reverberations of the entire instrument from simulations of the distinct characteristics of the original sound sources—the Yamaha CFX and the Bösendorfer Imperial. The next challenge is how to deliver the sounds of these renowned concert grand pianos to the player's ears through speakers and headphones with the same full ambience as the real thing. Finally, the essence of the grand piano is captured as a result of exhaustive experimentation, research, and development to properly time the attack after each key is played and match the emitted tones. The ability to intricately adjust all aspects of the sound is made possible by Yamaha technology forged from expert knowledge of sublime pianos.

Limitless expression



What is true grand piano expression? Yamaha continues to search for even better answers to that question. Grand pianos give players the ability to alter the sound with the subtlest differences in technique. Thus, pianists vary the force and speed with which they play to create a wide range of different sounds in order to imbue their performances with texture. However, conventional digital pianos have their limits, and pianists feel that the output is flat compared to that of the grand piano. The Clavinova lineup harnesses the very latest technology to faithfully simulate the wide array of expression available on grand pianos. This helps pianists develop the ability to hear and react to the way they play, an important skill in the study of piano. Clavinova pianos respond to the slightest variations of touch, giving players a wide range of expression and allowing them to sharpen their ability.

Acoustic design ideology



Acoustic design is a key element of sound creation. This is because, unlike acoustic pianos, digital pianos emit sounds from speakers. Even with a tone generator of the highest caliber, advanced acoustic design technology is an essential element in allowing an instrument to sound like a grand piano. Key to the Clavinova design is a focus on enveloping the player with sound and reverberation to recreate the pleasing feeling of playing a grand piano. Only Yamaha possesses the acoustic piano and professional audio design capabilities needed to create speakers that emit the highest quality sound. Yamaha's truly unique synergy of experts with innovative sound technology and knowhow enables Clavinova pianos to recreate the vivid sound image and sound field of grand pianos.

ENJOY A DIALOGUE

The player plays, the piano responds, and the player continues to play. The player conveys the feelings they want to express, and the piano responds, in an ongoing exchange that forges a dialogue between the two. In order for this to be a truly rich exchange,

both the player and the piano must possess excellent expressive capabilities; the piano must be easy to play and highly responsive, and it must produce beautiful sounds. A great piano satisfies these conditions, and interacting with a great piano inspires the player to explore the bounds of their expressive capabilities. Yamaha crafts pianos that will draw you into a musical dialogue that is sure to make playing more enjoyable and inspiring than ever

before.



3 Sound Quality



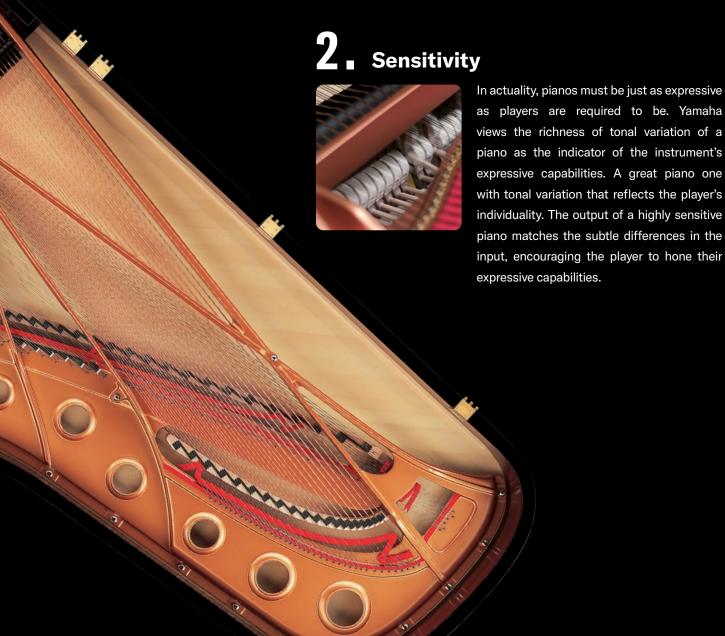
A grand piano is a musical instrument composed of 8,000 parts. The complex interaction of each mechanism in the instrument produces various tonal elements that interact with each other to form a richly varied palate of beautiful sound, from clear, resplendent tones to warm resonance. The Clavinova colors any space with beautiful tone, offering the player the experience of being enveloped in sound.

WITH A GREAT PIANO

Playability



The dialogue with a piano begins when the player touches the keys. The player wants to know that the keys are easy to play, that they are capable of subtle, nuanced musical expression, that they can handle the player's most powerful intensity, and that they offer total control. Yamaha aims to make pianos that elicit smiles and flurries of the heart the moment the player puts their hands on the keys.



APPS







Chord Tracker

Have you ever tried to figure out what the chords are to your favorite songs? Yamaha's new Chord Tracker app does the hard work for you, and much more! The Yamaha Chord Tracker app helps you practice and perform songs by analyzing the audio song stored in

your smart device and then displays the chord symbols for you.





Smart Pianist

Smart Pianist is a free application that will help you enjoy life with your piano a whole lot more — it can even be used to configure instruments with ease!

This single application for use with Yamaha digital pianos can display scores or preset song data.





All Apps are available for Android and iOS





THE LANGUAGE OF DIGITIAL PIANOS

KEYBOARD

NWX Keyboard: The NWX keyboard found in P-515 features white keys made from only the best quality wood and topped with synthetic ivory. The black keys are finished in textured synthetic ebony. Furthermore, this keyboard features the true feel of the escapement mechanism found in a grand piano which the hammers away from the strings quickly after they strike them, in order to prevent any interference with string vibration.

GH3 Keyboard: The Graded Hammer 3 (GH3) keyboard reproduces the touch of an acoustic piano, from a naturally heavy feel in the lower register to a lighter touch in the upper octaves. The GH3 keyboard provides a grand pianostyle response and feel, allowing rapid note repetition and authentic expressive control.

GHS Keyboard: The Graded Hammer Standard (GHS) keyboard reproduces the touch of an acoustic piano, from the heavy feel in the lower register to a lighter touch in the upper octaves.

ADD-ON:



STANDS



L-125B (black) for P-125



L-121B (black) for P-121



L-85 (black) for P-45B



L-300B (black) for DGX-670

PEDAL UNITS AND PEDALS



LP-1B (black) for P-125B / P-121B / DGX-670B



FC3A Sustain Pedal with half-pedal effect



FC4A FC5 Sustain Pedal Sustain Pedal

PIANO BENCHES



BC-108DR



BC-108BK

HEADPHONES



HPH-50B

ADAPTORS



UD-WL01 USB Wireless LAN Adapter



UD-BT01 Wireless MIDI Adapter (USB Bluetooth)



MD-BT01 Wireless MIDI Adapter (MIDI Bluetooth)



HPH-100B



SC-KB850 for P-125 and P-45



SC-KB750 for P-121

Voices are musical instrument sounds, such as piano, organ, or stringed instruments which you can select and play on the keyboard action.

Dual Mode: With the Dual mode, two voices can be played simultaneously. You can create warm and richly textured voices by using voices from different groups simultaneously in a layer, or by using voices in the same

group. **Split Mode:** The Split mode enables you to play two different voices on the keyboard-one with your left hand and another with your right.

RHYTHM & STYLES

Rhythm: You can select a rhythm from a variety of musical genres, such as pop and jazz, and play along with it. **Styles:** Styles are various accompaniment and rhythmic

backing patterns in a variety of different musical genres including pop, jazz, and many others. The Style features auto accompaniment which detects the "chords" automatically, and lets you produce automatic accompaniment playback simply by playing the keyboard. This lets you automatically recreate the sound of a full band or orchestra - even if you're playing by yourself.

Preset songs are stored into the instrument and can be used for listening to or to learn.

SONG REC: You can record your piano performance as a

User Song in SMF format. Up to 16 tracks can be recorded separately (depending on the model). **USB AUDIO REC / PLAY:** With this method, your performances

are recorded as an audio file and saved to a USB flash drive. Recording is done without designating the recorded part.

