

For Immediate Release

CASIO to Expand Lineup of CELVIANO Grand Hybrid Digital Pianos

Featuring a New Elegant Design, Wooden Keys, and Three Historic Grand Piano Sounds



GP-400BK

Norderstedt, April 7, 2016 — CASIO COMPUTER CO., LTD., announced today that it will release the GP-400BK, a new elegantly designed digital piano model in its CELVIANO Grand Hybrid lineup. CELVIANO Grand Hybrid pianos combine the advantages of both digital and acoustic pianos while delivering the performance of a grand piano in tone, keyboard quality and playing comfort.

CASIO previously released two pianos in this lineup in 2015—the GP-500BP and GP-300BK. Both were equipped with its AiR* Grand Sound Source, which reproduces the same beautiful sound and rich reverberation as a grand piano, and keys made from spruce, a wood used in grand piano keyboards. These models also featured piano tones jointly developed with the piano maker C. Bechstein. The natural Grand Hammer Action Keyboard has an action mechanism that faithfully simulates piano hammer movements, which have a significant impact on the playing response of a grand piano. These innovative hybrid pianos moved beyond the realm of the conventional digital piano, and gained a strong reputation among people who appreciate the nuanced sound and feel of a grand piano.

* Acoustic & Intelligent Resonator

The new GP-400BK comes with the three historically popular grand piano sounds featured in the GP-500BP and GP-300BK, as well as the same reliable key response and supple playing comfort. New with the GP-400BK is the design, which boasts a curved rear panel and thicker side panels and legs to capture the bold and refined image one expects of a high-quality piano. The height from the keyboard to the music stand has also been made the same as a conventional grand piano, for an experience even more like that of playing a grand piano. In addition, CASIO used a black wood grain finish for the entire piano to give it a dignified look. All of these design features come together in this latest elegant model in the CELVIANO Grand Hybrid lineup.

Model	AiR Grand Sound Source	Natural Grand Hammer Action Keyboard	Grand Acoustic System	Finish
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GP-400BK	Yes	Yes	Yes	Black Wood Grain
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Main Features of the GP-400BK

Thoroughly refined sound and reverberation reminiscent of a grand piano

- The AiR Grand Sound Source reproduces the same beautiful sound and rich reverberation as a grand piano.

Multi-dimensional Morphing smoothly transforms sound waves, and realizes tonal changes based on both time passage and intensity. Even during a gradual crescendo from pianissimo to fortissimo, the technology allows even and natural tonal changes.

Moreover, the String Resonance System, designed to deliver the string resonance of a grand piano, controls the amount and combination of resonance according to the playing situation. By producing reverberation that fits each of the 88 keys, the technology enables natural and comfortable performance.

By combining these two technologies, the new model offers the sounds of three grand piano styles. The Berlin Grand is known for its elegant clear sound and reverberation that gives each performance rich melodic color, while the Hamburg Grand delivers gorgeous power and strength with a lot of string resonance. The Vienna Grand provides calm bass with a solid feeling along with soft and beautiful sound.

- Natural Grand Hammer Action Keyboard enables even more delicate expression
The GP-400BK features keys made from high-quality spruce, which is also used in grand piano keyboards. The keys are also finished in the same way as on a grand piano. Since this makes them more familiar to the pianist, fingers are less likely to slip or fatigue. The new model also boasts a new unique action mechanism that delivers the right hammer movement, which has a big impact on the playing response of a grand piano. The mechanism conveys delicate finger nuances more accurately, and enables dynamic touch to translate directly into expressive power.
- Grand Acoustic System generates a space of three-dimensional sound
CASIO has developed a Grand Acoustic System that faithfully represents the sound of a grand piano as it emanates from above and below the soundboard. Through careful positioning of six speakers and the creation of sound pathways, the system delivers three-dimensional sound with tonal elongation, expansion and depth.

Special playing experiences made possible by a digital piano

- Scene feature enables pieces to be played with the optimal sound
The Scene feature consists of 15 preset types for different composers such as Chopin and Liszt, as well as musical genres such as jazz and easy listening. The presets combine the best optimal tones, reverberation, and effects for the type of piece being played. Users can also create and save their own presets.
- Concert Play offers an experience like playing with an orchestra
The spectacular sound of a live orchestra is recorded in a high-quality digital format. By playing the piano together with the recorded orchestra, users can enjoy the feeling of performing at an orchestral concert. The technology can also be used in practice, as it allows the tempo to be slowed, and also features rewind, fast forward, and repeat playback of A-B sections.
- Hall Simulator provides the experience of performing in a special venue such as a concert hall
The Hall Simulator allows the pianist to enjoy the immersive sound found in different types of venues such as an Amsterdam church, or a classical concert hall in Berlin. Also, the GP-400BK enables users to switch between the Player's Position, which provides a sense of playing a real grand piano, and three types of Listener's Positions, which gives the pianist the effect of listening to the performance from the audience.

Specifications

Keyboard	Number of Sensors	3	
	Hammer Action	Natural Grand Hammer Action	
	Key Surface Finish	Same finish as used for popular grand pianos	
	Touch Sensitivity	5 sensitivity levels, off	
Sound Source	AiR (Acoustic & intelligent Resonator) Grand Sound Source		
Tones	Max. Polyphony	256	
	Number of Built-in Tones	35	
	Number of Direct Tone Select buttons	3	
	Duet Mode/Layer/Split/Octave Shift	Yes	
	Acoustic Simulator	Hammer Response	Yes(OFF, 10 Levels)
		Damper Resonance	Yes (OFF, 10 Levels)
		String Resonance	Yes (OFF, 10 Levels)
		Aliquot Resonance	Yes (OFF, 10 Levels)
		Open String Resonance	Yes (OFF, 10 Levels)
		Lid Simulator	Yes (4 Levels)
		Key Off Simulator	Yes
		Damper Noise	Yes (OFF, 10 Levels)
Pedal Action Noise		Yes (OFF, 10 Levels)	
Key On Action Noise	Yes (OFF, 10 Levels)		
Key Off Action Noise	Yes (OFF, 10 Levels)		
Digital Effects	Hall Simulator	OFF, 12 types x 4 positions	
	Chorus	OFF, 4 types	
	Brilliance	-3~0~3	
	DSP	Yes (Preset for some tones)	
Key Transpose	2 octaves (-12 semitones ~ 0 ~ +12 semitones)		
Tuning Control	A4=415.5Hz ~ 440.0Hz ~ 465.9Hz		
Scale Function	Equal temperaments plus 16 other types		
Music Library	Number of Preset Songs	60	
	User Songs	10	
	Capacity for User Songs	Approx. 900KB (Up to approx. 90KB/song)	
Concert Play	15 Songs		
Demo Songs	6 (Tone Demo)		
Metronome	Yes		
Tempo Setting	20~255BPM		
Scene	Yes (15 Presets + 10 user settings)		
MIDI Recorder	Yes (Real Time Rec, 5000 notes)		
Audio Recording/Playback	Max. 99 songs, approximately 25 min./song (to USB flash drive, 44.1 kHz Stereo WAV format)		
Operation Lock	Yes		
Pedals	3 built-in pedals (damper, soft, sostenuto)		
	Half-Damper Pedal Operation	Yes (Continuous)	
	Half Pedal Position	-2~0~2	
Display	Full-dot LCD with backlight		
Terminals	USB Port (to Host)	Yes	
	USB Flash Drive Port	Yes	
	MIDI IN/OUT	Yes	
	PHONES	2 (Stereo standard jack)	
	LINE IN	2 (L / MONO, R), standard jack	
	LINE OUT	2 (L / MONO, R), standard jack	
Top Board Open/Close	Yes		
Grand Acoustic System	Yes		
Headphone Mode	Yes		
Volume Sync EQ	Yes		
Speakers	16cm x 2 + (10cm + 5cm) x 2 3-Way, 6 Speakers		
Amplifiers	30W x 2 + 20W x 2		
Power Supply	AC Adapter: AD-E24500LW		
Auto Power Off	Yes		

Included Accessories	Score Stand / Score Book / AC Adapter (AD-E24500LW) Headphone Hook
Size (without score stand)	1,462 x 489 x 1003mm
Weight	85.5kg

< Casio Computer Co., Ltd.>

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www.grand-hybrid.com

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