



STAGE PIANO
CP1/CP5/CP50

CP1

CP Series

Express Your Passion for Playing

Yamaha has a history of epoch-making stage pianos that revolutionized the way professional keyboardists play. In the 70s, it was the original CP70 and 80, when — for the first time — players could get true acoustic piano sounds in a portable package for the stage. In the 80s it was the DX7, renowned for its expressive electronic piano sounds and dynamic response. With the new CP series, Yamaha has once again completely re-defined professional players' expectations of what the ultimate stage piano should be.



Touch and Tone to satisfy the most demanding professional.
The new CP series the ultimate in Stage Pianos.

CP1 • Sound quality



Only one can be the best.

Only one can set the standard that others aspire to.

This is the one — the CP1 Stage Piano.



The development of the new CP series started with the no-compromise CP1. This is a premium instrument with a commitment to both tradition and innovation. The core sound technology inside the new CP Series was completely re-designed from the ground up. A unique new Spectral Component Modeling tone generation system recreates the sound of acoustic and vintage electronic pianos more faithfully than anything else has ever done. This new technology responds to the player's touch allowing more creative expression than ever before possible. Yamaha even developed a special NW-STAGE wooden key action specifically to meet the demands of top pros. Simply put, this combination of touch and tone make the CP1 the most expressive stage piano that has ever been created.

CPI • Design quality



The CPI's design is an elegant blend of tradition and innovation with attention to detail and quality in every component.



Each individual part of the CP1 was specifically designed to reflect Yamaha's commitment to making a timeless instrument with lasting value. The classic wooden side panels and the vintage textured top call up memories of legendary keyboards of the past. The brilliant vacuum florescent display, brushed aluminum volume knob and lighted Yamaha logo reflect the state-of-the-art, cutting edge technology under the hood. The knobs, switches and intuitive user interface are all laid out for optimum ease of use in performance. All these design elements come together to make a stunning visual statement on stage.

CP1



Providing the ultimate in acoustic and vintage electric piano touch and tone, the CP1 is Yamaha's flagship designed for the demanding pro.



Features

- New SCM (Spectral Component Modeling) tone generating system.
- 17 selected acoustic and vintage electric piano sounds.
- New NW-STAGE wooden weighted keyboard.
- Customize function to create your original piano sound.
- User interface specialized for live stage performance.
- Convenient Master Keyboard function.
- Pedal Unit (Sustain, Sostenuto, Soft) included.
- Steinberg Cubase AI DAW software bundled.

CP5



Yamaha's core Spectral Component Modeling technology with a wide range of sounds and functions. The CP series' high performance model.



Features

- The core sound of SCM (Spectral Component Modeling) technology.
- 17 selected acoustic and vintage electric piano sounds.
- 305 additional sounds (clavs, organs, strings and more) and various effects.
- New NW-STAGE wooden weighted keyboard.
- Customize function to create your original piano sound.
- Record and playback functions for MIDI and audio.
- Mic Input, Rhythm patterns for wide range of musical application.
- Convenient Master Keyboard function.
- Steinberg Cubase AI DAW software bundled.

CP50



Delivers high quality sound that will satisfy even professionals.
Easy-to-carry compact and lightweight model.



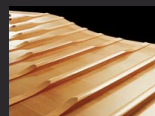
Features

- The core sound of SCM (Spectral Component Modeling) technology.
- 12 selected acoustic and vintage electric piano sounds.
- 215 additional sounds (clavs, organs, strings and more) and various effects.
- 88-Key Weighted Graded Hammer Action.
- Customize function to create your original piano sound.
- Record and playback functions for MIDI and audio.
- Rhythm patterns for wide range of musical application.
- Convenient Master Keyboard function.
- Steinberg Cubase AI DAW software bundled.

Overview of SCM (Spectral Component Modeling)

The Spectral Component Modeling system starts with a fundamentally different tone generation system than Yamaha has ever used before. This system allows physical components of the instrument (hardness of the hammers, resonance of the sound board, striking position of the hammers) to be modeled. It also uses a complete different method of playback than normal sampling technology. Rather than multi-velocity layers of samples, SCM uses granular parametric data so every nuance of the player's touch is translated into expressive tone. However, SCM is not just this core sound system. Just as important to reproducing many

vintage electronic pianos are the preamps and vintage effects settings that were used to create those legendary sounds. The CP series includes Virtual Circuit Modeling effects (like those found on Yamaha's high-end digital mixers and Motif series workstations). These VCM effects recreate the phasers, compressors and vintage stomp boxes that were such an integral part of those famous sounds. From acoustic pianos that respond naturally to the player's touch, to faithful recreations of vintage stage pianos from the 60s, 70s and 80s, SCM was developed to satisfy players' need to express their passion for playing on stage and communicate it to the audience.

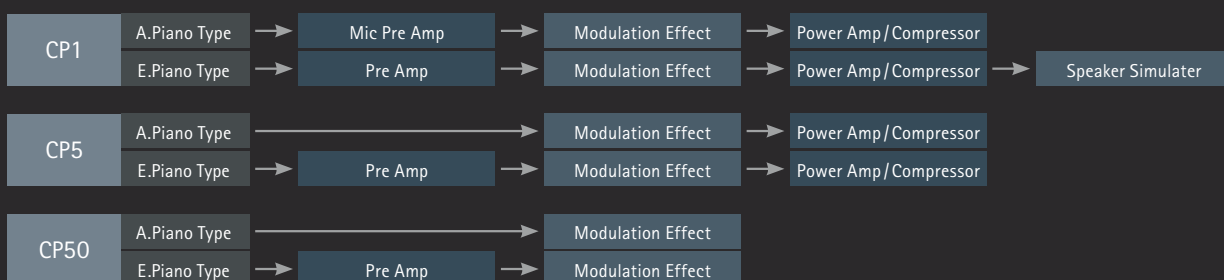


SCM Piano Block <Piano sounds>

			CP1	CP5	CP50
Acoustic Piano Type	CFIIS	The CFIIS is the crowning glory of Yamaha's concert grand piano range. Distinctive for its rich harmonic overtones, this piano marries a rich, deep low-mid register with clear and bright highs.	2	1	1
	S6B	Delivering a warm, deep sound, the S6B is ideal for extremely expressive performances combining both power and subtlety that matches to all music genres.	2	1	0
Electric Piano Type	CP80	Reproducing the classic sound of the Yamaha CP80 Electric Grand Piano, the CP80 piano type can also be used to recreate an unique "Eighties" feel by boosting the high frequencies with the accompanying pre-amplifier.	2	2	2
	Rd I	Synonymous with "electric piano," the Rd I has various sound variations for each model. It recreates the airy feeling of Rd I pianos from each era.	3	3	1
	Rd II	A pop sound brighter than the Rd I. Its reconstructed amp reproduces the sound of the '80s when high boost reached the extreme degree.	2	2	0
	Wr	An electric piano sound rivaling the Rd for top popularity. When played lightly, the sound is sweet and delicate; when played strongly, it is earthy and funky. Its unique distortion sound is appealing.	2	2	2
Synthesizer Piano Type	DX7	Produced by laying hard, high-order harmonic overtones that change delicately in response to touch over a warm, wide characteristic tone, DX7's electric piano sound took to world by storm.	4	*	*

* DX7 sounds for CP5/CP50 are AWM2 (PCM sampled) voice.

SCM Block Diagram



Specifications

Specifications		CP1	CP5	CP50
				
Keyboard		88 keys, NW-STAGE keyboard (Wooden synthetic ivory weighted keyboard)	88 keys, NW-STAGE keyboard (Wooden synthetic ivory weighted keyboard)	88 keys, GH keyboard
Maximum Polyphony		128	128	128
Tone Generator		SCM	SCM + AWM2	SCM + AWM2
Performances	Preset	16 x 3 banks	10 x 4 groups x 3 banks	10 x 4 groups x 3 banks
	User	16 x 3 banks	10 x 4 groups x 3 banks	10 x 4 groups x 3 banks
	External	16 x 3 banks	10 x 4 groups x 3 banks	10 x 4 groups x 3 banks
	Parts	2	6	3
	Voice Block	17 piano types	17 piano voices + 305 other voices	12 piano voices + 215 other voices
	Modulation Effect Block	10 types	49 types	49 types
	Power Amplifier / Compressor Block	8 types	8 types	—
	Reverb	8 types	8 types	8 types
	Master Compressor	—	3-band	3-band
	Master Equalizer	5-band	5-band	3-band
Rhythm	Number of Kits	—	14	14
	Number of Patterns	—	100	100
Display		55 character x 2 lines, VFD	24 character x 2 lines, VFD	24 character x 2 lines, VFD
Controllers		Pitch bend wheel, Master volume, Knobs 1 to 6	Pitch bend wheel, Master volume, Knobs 1 to 3, Part volume x 6, Gain Master equalizer x 5	Pitch bend wheel, Master volume, Knobs 1 to 3, Part volume x 3, Master equalizer x 3
Connectors	Output	PHONES L/MONO,R (Unbalanced) L, R (Balanced)	PHONES L/MONO,R (Unbalanced) L, R (Balanced)	PHONES L/MONO,R (Unbalanced)
	Foot Switch	SUSTAIN, SOSTENUTO, SOFT, ASSIGNABLE	SUSTAIN, ASSIGNABLE	SUSTAIN, ASSIGNABLE
	Foot Controller	x 2	x 2	x 1
	Mic Input	—	x 1	—
	MIDI	IN, OUT, THRU	IN, OUT, THRU	IN, OUT, THRU
	USB	TO HOST, TO DEVICE	TO HOST, TO DEVICE	TO HOST, TO DEVICE
Power Consumption		28W	25W	7W
Dimensions (W x D x H; not including pedal unit)		1,385 x 420 x 173 mm	1,381 x 405 x 174 mm	1,381 x 332 x 165 mm
Weight (not including pedal unit)		27.2 kg	25.2 kg	20.9 kg
Additional Package Contents		Power cord, Pedal unit, Illustrated Guide to the CP1 booklet, Owner's Manual, Data List booklet, Software DVD-ROM*	Power cord, Foot pedal FC3, Owner's Manual, Owner's Manual CD-ROM, Software DVD-ROM*	Power adaptor PA-150 (or an equivalent recommended by Yamaha), Foot pedal FC3, Owner's Manual, Owner's Manual CD-ROM, Software DVD-ROM*

* Software DVD-ROM: Steinberg Cubase AI DAW Software.



Options for CP1/CP5/CP50

- Keyboard Stand: LG-800
- Foot Pedal: FC3
- Foot Switch: FC4, FC5
- Foot Controller: FC7, FC9



- Names of companies and products in this catalog are trademarks or registered trademarks of their respective companies.
- Product specifications and designs are subject to change without notice for improvements.

For details please contact:



YAMAHA CORPORATION
P.O. Box 1, Hamamatsu, Japan
www.yamahasynt.com



P 1 0 0 2 2 1 5

Printed in Japan



This document is printed on chlorine-free (ECF) paper with soy ink.