

Specifications

Specifications			TA3		TC3	SH3		SC3		
			Grand Pianos	Upright Pianos		Grand Pianos	Upright Pianos	Grand Pianos	Upright Pianos	
Sensor System	Key Sensors		Non-contact continuous detection electromagnetic inductive sensor			Non-contact continuous detection electromagnetic inductive sensor		Non-contact continuous detection electromagnetic inductive sensor		
	Hammer Sensors		Non-contact 2-point optical fiber sensor			Non-contact 2-point optical fiber sensor		-		
	Pedal Sensors		Damper Pedal: Continuous detection sensor, Soft/Shift Pedal: On/Off detection sensor, Sostenuto Pedal ¹ : On/Off detection sensor			Damper Pedal: Continuous detection sensor, Soft/Shift Pedal: On/Off detection sensor, Sostenuto Pedal ¹ : On/Off detection sensor		Damper Pedal: Continuous detection sensor, Soft/Shift Pedal: On/Off detection sensor		
Silencing System	Mechanism		Hammer shank stopper operated by motor drive	Hammer shank stopper operated by center pedal/silencing lever ¹		Hammer shank stopper operated by motor drive	Hammer shank stopper operated by center pedal/silencing lever ¹		Hammer shank stopper operated by silencing lever	Hammer shank stopper operated by center pedal
	Action		Quick Escape mechanism	-		Quick Escape mechanism	-		Quick Escape mechanism	-
Soundboard Drive System	Mechanism		TransAcoustic™ Technology (TA3 Transducer)		TransAcoustic™ Technology (TC3 Transducer)	-		-		
Voices	Tone Generation	Piano Sound	Yamaha CFX, Bösendorfer Imperial			Yamaha CFX, Bösendorfer Imperial		Yamaha CFX, Bösendorfer Imperial		
		Forté Piano	Yes			Yes		-		
		Binaural Sampling	Yes (Yamaha CFX, Bösendorfer Imperial)			Yes (Yamaha CFX, Bösendorfer Imperial)		Yes (Yamaha CFX, Bösendorfer Imperial)		
		VRM	Yes			Yes		Yes		
		Grand Expression Modeling	Yes			Yes		Yes		
		Key-off Samples	Yes			Yes		Yes		
		Smooth Release	Yes			Yes		Yes		
		Polyphony (max.)	256			256		256		
	Preset	Number of Voices	25		12	25		12		
	Voices for Song Playback		480 XG Voices + 12 Drum/SFX Kits			480 XG Voices + 12 Drum/SFX Kits		-		
Effects	Types	Reverb	Yes			Yes		Yes		
		Brilliance	Yes			Yes		Yes		
		Stereophonic Optimizer	Yes (Piano Voices other than "CFX Grand" and "Bösendorfer")			Yes (Piano Voices other than "CFX Grand" and "Bösendorfer")		Yes (Piano Voices other than "CFX Grand" and "Bösendorfer")		
Songs (MIDI)	Preset	Number of Preset Songs	25 Voice Demo Songs, 50 Classics		12 Voice Demo Songs, 50 Classics	25 Voice Demo Songs, 50 Classics		12 Voice Demo Songs, 50 Classics		
	Recording	Number of Songs	10		10		10			
		Number of Tracks	2		2		2			
		Data Capacity (max.)	Approx. 500 KB		Approx. 500 KB		Approx. 500 KB			
	Format	Playback	SMF (Format 0, Format 1)		SMF (Format 0, Format 1)		SMF (Format 0, Format 1)			
		Recording	SMF (Format 0)		SMF (Format 0)		SMF (Format 0)			
Recording/ Playback (Audio)	Recording Time (max.)	80 minutes/Song				80 minutes/Song		80 minutes/Song		
		WAV (44.1 kHz, 16 bit, stereo)				WAV (44.1 kHz, 16 bit, stereo)		WAV (44.1 kHz, 16 bit, stereo)		
		WAV (44.1 kHz, 16 bit, stereo)				WAV (44.1 kHz, 16 bit, stereo)		WAV (44.1 kHz, 16 bit, stereo)		
Functions	Rhythm Patterns		20			20		20		
	Overall Controls	Metronome	Yes			Yes		Yes		
		Tempo Range	5 - 500			5 - 500		5 - 500		
		Transpose	-12 - 0 - +12			-12 - 0 - +12		-12 - 0 - +12		
		Tuning	414.8 - 440.0 - 466.8 Hz (Approx. 0.2 Hz increments)			414.8 - 440.0 - 466.8 Hz (Approx. 0.2 Hz increments)		414.8 - 440.0 - 466.8 Hz (Approx. 0.2 Hz increments)		
	Control Interface	Display	7-Seg			7-Seg		7-Seg		
Storage and Connectivity	Bluetooth	Yes (Audio/MIDI) ²			Yes (Audio/MIDI) ²		Yes (Audio/MIDI) ²			
	Storage	Internal Memory	Approx. 1.3 MB			Approx. 1.3 MB		Approx. 1.3 MB		
		External Drives	USB flash drive			USB flash drive		USB flash drive		
	Connectivity	Headphones	Stereo mini jack (x2)			Stereo mini jack (x2)		Stereo mini jack (x2)		
		MIDI	IN/OUT	-		IN/OUT		-		
		AUX IN	Stereo mini jack			Stereo mini jack		Stereo mini jack		
		AUX OUT	[L/L+R][R] (Standard phone jack)			[L/L+R][R] (Standard phone jack)		-		
		USB TO DEVICE	Yes			Yes		Yes		
		USB TO HOST	Yes			Yes		Yes		
Power Supply	AC Adaptor	PA-500 (Or an equivalent recommended by Yamaha)			PA-300C (Or an equivalent recommended by Yamaha)		PA-300C (Or an equivalent recommended by Yamaha)			
	Power Consumption	26W (When using PA-500 AC adaptor)		17W (When using PA-500 AC adaptor)	8W (When using PA-300C AC adaptor)		8W (When using PA-300C AC adaptor)			
	Auto Power Off	Yes			Yes		Yes			
Accessories	Included Accessories		AC adaptor ¹ , power cord ² , headphones, headphone hanger, attachment screws for headphone hanger, "50 Classical Music Masterpieces" music book (TA3 only), Owner's Manual			AC adaptor ¹ , power cord ² , headphones, headphone hanger, attachment screws for headphone hanger, "50 Classical Music Masterpieces" music book, Owner's Manual		AC adaptor ¹ , power cord ² , headphones, headphone hanger, attachment screws for headphone hanger, Owner's Manual.		
	Separately Sold Accessories		USB wireless LAN adaptor (UD-WL01) ³			USB wireless LAN adaptor (UD-WL01) ³		USB wireless LAN adaptor (UD-WL01) ³		

Specifications are subject to change without prior notice. The iPads shown in the images are not included.

¹ For models equipped with a sostenuto pedal. ² May not have this functionality depending on your area. Check with your Yamaha dealer. ³ May not be included depending on your area. Check with your Yamaha dealer.

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Apps & Headphones



Smart Pianist (iPhone® / iPad® / Android® compatible)

Smart Pianist (available as a free download) enables you to use the functions such as selecting Voices, controlling the metronome intuitively with the visualised interface, or display the score on your smart device.



Open structured headphones—produce clear, high-quality sound

The headphones that come with the TransAcoustic™ TA3, SILENT Piano™ SH3 and SC3 type are designed in a way that minimises the strain on users after long hours of playing. This newly employed headphones contribute to the improvement of sound quality as well as to the reduction of fatigue during performance.

The type of headphones included in the package may vary depending on sales region.