PSR-SX SPECIFICATION CHART

Model Name			PSR-SX900	PSR-SX700
Product Name			Digital Keyboard	
Size/Weight	Dimensions (W x D x H)		1,017 mm x 431 mm x 139 mm (40-1/16" x 17" x 5-1/2")	
	Weight		11.5 kg (25 lb, 6 oz)	
Control Interface	Keyboard	Number of Keys	61	
		Type	Organ (FSB), Initial Touch	
		Touch Response	Normal, Soft1, Soft2, Hard1, Hard2	
	Other Controllers	Joystick	Yes	
		Knobs	2 (Assignable)	
	Display	Type	TFT Color Wide VGA LCD	
		Size	800 x 480 dots, 7 inch	
		Touch Screen	Yes	
		Language	English, German, French, Spanish, Italian	
	Panel	Language	English	
Voices	Tone Generation	Tone Generation Technology	AWM Stereo Sampling	
	Polyphony		128 (max.)	
	Preset	Number of Voices	1337 Voices + 56 Drum/SFX Kits + 480 XG Voices	986 Voices + 41 Drum/SFX Kits + 480 XG Voices
		Featured Voices	252 S.Art!, 54 MegaVoice, 31 Sweet!, 87 Cool!, 131 Live!, 24 OrganFlutes	131 S.Art!, 30 MegaVoice, 31 Sweet!, 74 Cool!, 89 Live!, 24 OrganFlutes
	Compatibility		XG (for Song playback), GS (for Song playback), GM, GM2	
	Keyboard Part		Right 1, Right 2, Right 3, Left	
Effects	Types	Reverb	59 Preset + 30 User	
		Chorus	106 Preset + 30 User	
		Variation Effect	322 Preset (with VCM) + 30 User	322 Preset + 30 User
		Insertion Effect	1-8: 322 Preset (with VCM) + 30 User	1-5: 322 Preset + 30 User
		Master Compressor	5 Preset + 30 User	
		Master EQ	5 Preset + 30 User	
		Part EQ	28 Parts	
		Others	Mic/Guitar Effects: Noise Gate, Compressor, 3 Band EQ, Vocal Effect: 23	Mic/Guitar Effects: Noise Gate, Compressor, 3 Band EQ
	Vocal Harmony		54 Preset + 60 User (*) * The number is the total of Vocal Harmony and Synth Vocoder	-
	Synth Vocoder		20 Preset + 60 User (*) * The number is the total of Vocal Harmony and Synth Vocoder	-
Styles	Preset	Number of Styles	525	400
		Featured Styles	463 Pro, 46 Session, 6 Free Play, 10 DJ	353 Pro, 34 Session, 3 Free Play, 10 DJ
		Fingering	Single Finger, Fingered, Fingered On Bass, Multi Finger, AI Fingered, Full Keyboard, AI Full Keyboard	
		Style Control	INTRO x 3, MAIN VARIATION x 4, FILL x 4, BREAK, ENDING x 3	
	Other Features	One Touch Setting (OTS)	4 for each Style	
		Chord Looper	Yes	-
		Style Section Reset	Yes	
	Compatibility		Style File Format (SFF), Style File Format GE (SFF GE)	
Expandability	Expansion Voice		Yes (approx. 1 GB)	Yes (approx. 400 MB)
	Expansion Style		Yes (Internal Memory)	
	Expansion Audio Style		Yes (Internal Memory)	-
Songs (MIDI)	Preset	Number of Preset Songs	5 preset sample Songs	
	Recording	Number of Tracks	16	
		Data Capacity	approx. 3 MB/Song	
		Function	Quick Recording, Multi Track Recording, Step Recording	
	Format	Playback	SMF (Format 0 & 1), XF	
		Recording	SMF (Format 0)	
Songs (Audio)	Recording	Data Capacity	approx. 0.8 GB (80 minutes) per Song	
	Format	Playback	WAV (44.1 kHz, 16 bit, stereo) MP3 (44.1/48.0 kHz, 64–320 kbps and VBR, mono/stereo)	
		Recording	WAV (44.1 kHz, 16 bit, stereo), MP3 (44.1 kHz, 128/256/320 kbps, stereo)	
	Time Stretch		Yes	
	Pitch Shift		Yes	
	Vocal Cancel		Yes	
Multi Pads	Number of Multi Pad Banks		329 banks x 4 Pads	226 banks x 4 Pads
	Audio Link		Yes	

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Functions	Voices	Harmony	Yes	
		Arpeggio	Yes	
		Panel Sustain	Yes	
		Mono/Poly	Yes	
	Styles	Style Creator	Yes	
		OTS Information	Yes	
	Songs	Score Display Function	Yes	
		Lyrics Display Function	Yes	
		Guide	Follow Lights, Any Key, Karao-Key, Your Tempo	
	Multi Pads	Multi Pad Creator	Yes	
	Registration Memory	Number of Buttons	8	
		Control	Registration Sequence, Freeze	
	Playlist	Number of Records	2,500 (max.) Records per Playlist file	
	Search		Yes	
	Demo		Yes	
	Overall Controls	Metronome	Yes	
		Tempo Range	5 – 500, Tap Tempo	
		Transpose	-12 – 0 – +12	
		Tuning	414.8 – 440 – 466.8 Hz	
		Octave Button	Yes	
		Scale Type	9 types	
		Sub Scale Setting	Yes	
	Bluetooth® (May not have this functionality depending on the country in which you purchased the product.)	Bluetooth® version	4,1	-
		Supported profile	A2DP	-
		Compatible codec	SBC	-
		Wireless output	Bluetooth® class 2	-
		Maximum communication distance	about 10 m	-
		Radio Frequency (Operational Frequency)	2402–2480 MHz	-
		Maximum output power (EIRP)	+4 dBm	-
		Type of modulation	GFSK, π/4 DQPSK, 8DPSK	-
	Miscellaneous	Direct Access	Yes	
		Text Display Function	Yes	
		Wallpaper Customization	Yes	
	Others	Display output to an external monitor	Yes (by using a commercially USB display adaptor) * For a list of compatible devices, access the "Yamaha Downloads" website.	-
Storage and Connectivity	Storage	Internal Memory (USER Drive)	Yes (approx. 4 GB)	Yes (approx. 1 GB)
		External Drives	USB flash drive	
	Connectivity	DC IN	16 V	
		Headphones	Standard stereo phone jack	
		Microphone/Guitar	Yes	
		MIDI	IN, OUT	
		AUX IN	Stereo mini jack	
		LINE OUT	MAIN OUTPUT (L/L+R, R), SUB (AUX) OUTPUT (1,2 (L/L+R, R))	MAIN OUTPUT (L/L+R, R)
		FOOT PEDAL	1 (SUSTAIN), 2 (ARTICULATION 1), Function assignable	
		USB TO DEVICE	Yes (x 2)	Yes
		USB TO HOST	Yes	
Sound System	Amplifiers		(15 W + 10 W) x 2	15 W x 2
	Speakers		13 cm x 2 + 2.5 cm (dome) x 2	13 cm x 2 + 5 cm x 2
Power Supply	AC Adaptor		PA-300C or an equivalent recommended by Yamaha	
	Power Consumption		24 W	21 W
	Auto Power Off		Yes	
Included Accessories			Owner's Manual (this book), Online Member Product Registration Music rest, AC adaptor* (PA-300C or an equivalent, recommended by Yamaha) * May not be included depending on your area. Check with your Yamaha dealer.	