

Spesification YAMAHA PSR-S970

Color/Finish

Body	Color	Metallic Dark Grey
------	-------	--------------------

Size/Weight

Dimensions	Width	39.45"
	Height	5.83"
	Depth	17.2"
Weight	Weight	25.57 LBS

Control Interface

Keyboard	Number of Keys	61
	Type	Organ, Initial Touch
	Touch Response	Hard1, Hard2, Medium, Soft1, Soft2
Other Controllors	Pitch Bend	Yes
	Modulation	Yes
	Control Knobs	2 (assignable)
Display	Type	TFT Color Wide VGA LCD
	Size	7 inch
	Color	Color
	Language	English, German, French, Spanish, Italian
Panel	Language	English

Voices

Tone Generation	Tone Generating Technology	AWM Stereo Sampling
Polyphony	Number of Polyphony (Max.)	128
Preset	Number of Voices	989 Voices + 41 Drum/SFX Kits + 480 XG Voices
	Featured Voices	131 Super Articulation!, 30 Mega Voices, 31 Sweet! Voices, 74 Cool! Voices, 89 Live! Voices, 30 Organ Flutes!
Compatibility	XG	Yes
	GS	Yes (for Song playback)
	GM	Yes
	GM2	Yes
Expandability	Expansion Voice	Yes (approx. 512MB max.)
Part		Right 1, Right 2, Left

Effects

Types	Reverb	52 Presets + 3 User
	Chorus	106 Presets + 3 User
	DSP	322 Presets(with VCM) + 10 User
	Master Compressor	5 Presets + 2 User
	Master EQ	5 Presets + 2 User

	Part EQ	27 parts
	Others	Mic/Guitar effects: Noise Gate x 1, Compressor x 1, 3Band EQ x 1
	Arpeggio	Yes
Vocal Harmony	Number of Presets	Vocal Harmony: 44, Synth Vocoder: 10
	Number of User Settings	60 *The number is the total of Vocal Harmony and Synth Vocoder
	Vocal Effect	23

Accompaniment Styles

Preset	Number of Preset Styles	450
	Featured Styles	40 +Audio Styles, 366 Pro Styles, 31 Session Styles, 10 DJ Styles, 3 Free Play
	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	Music Finder	2,500 Records
	One Touch Setting (OTS)	4 for each Style
Expandability	Expansion Style	Yes
	Expansion Audio Style	Yes (approx. 128MB max.)
Compatibility		Style File Format, Style File Format GE

Songs

Preset	Number of Preset Songs	5 Sample Songs
Recording	Number of Songs	Unlimited (depends on the drive capacity)
	Number of Tracks	16
	Data Capacity	approx. 300 KB/Song
	Recording Function	Quick Recording, Multi Recording, Step Recording
Compatible Data Format	Playback	SMF (Format 0 & 1), XF
	Recording	SMF (Format 0)

Multi Pads

Preset	Number of Multi Pad Banks	188 banks x 4 Pads
Audio	Audio Link	Yes

Functions

Registration	Number of Buttons	8
	Control	Registration Sequence, Freeze
Lesson/Guide	Lesson/Guide	Follow Lights, Any Key, Karao-Key, Your Tempo
	Performance Assistant Technology (PAT)	Yes
Demo/Help	Demonstration	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
Miscellaneous	Direct Access	Yes
	Text Display Function	Yes
	Wallpaper Customization	Yes
Voices	Harmony/Echo	Yes (with Arpeggio)
	Panel Sustain	Yes
	Mono/Poly	Yes
	Voice Information	Yes
Styles	Style Creator	Yes
	Style Recommender	Yes
	OTS Information	Yes
Songs	Song Creator	Yes
	Score Display Function	Yes
	Lyrics Display Function	Yes
Multi Pads	Multi Pad Creator	Yes
Audio Recorder/Player	Recording Time (max.)	80 minutes/Song
	Recording	.wav (WAV format: 44.1 kHz sample rate, 16 bit resolution, stereo)
	Playback	.wav (WAV format: 44.1 kHz sample rate, 16 bit resolution, stereo), .mp3 (MPEG-1 Audio Layer-3: 44.1/48.0 kHz sample rate, 64-320 kbps and variable bit rate, mono/stereo)
	Time Stretch	Yes
	Pitch Shift	Yes
	Vocal Cancel	Yes

Storage and Connectivity

Storage	Internal Memory	approx. 13 MB
	External Drives	USB Flash Memory (via USB to DEVICE)
Connectivity	Headphones	Yes
	FOOT PEDAL	1 (SUSTAIN), 2 (ARTICULATION), Function Assignable
	Microphone	Microphone/Guitar x 1
	MIDI	IN, OUT
	AUX IN	Stereo mini jack
	LINE OUT	L/L+R, R
	RGB OUT	Yes
	USB TO DEVICE	Yes
	USB TO HOST	Yes

Amplifiers and Speakers

Amplifiers	15 W x 2
Speakers	13 cm x 2 + 2.5 cm (dome) x 2

Power Supply

Power Supply	PA-300C or an equivalent recommended by Yamaha
Power Consumption	20 W
Auto Power Off Function	Yes

Accessories

Included Accessories	Owner's Manual, Online Member Product Registration, Music Rest & AC Adaptor.
----------------------	--