

# Spesifikasi YAMAHA PSR-E453

## Color/Finish

Body	Color	Black
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## Size/Weight

Dimensions	Width	946 mm (37-1/4")
	Height	140 mm (5-1/2")
	Depth	405 mm (15-15/16")
Weight	Weight	6.6 kg (14 lbs 9 oz.) not including batteries

## Control Interface

Keyboard	Number of Keys	61
	Touch Response	Soft, Medium, Hard, Fixed
Other Controllers	Pitch Bend	Yes
	Control Knobs	Yes
Display	Type	LCD (Liquid Crystal Display)
	Language	English
Panel	Language	English

## Voices

Tone Generation	Tone Generating Technology	AWM Stereo Sampling
Polyphony	Number of Polyphony (Max.)	48
Preset	Number of Voices	237 panel Voices + 24 Drum/SFX kits + 40 Arpeggio + 457 XGlite Voices
	Featured Voices	8 Sweet! Voices, 3 Cool! Voices, 3 Dynamic Voices
Compatibility	GM	Yes
	XGlite	Yes

## Effects

Types	Reverb	9 types
	Chorus	5 types
	DSP	10 types (assignable on control knobs)
	Master EQ	6 types
	Harmony	26 types
Functions	Dual/Layers	Yes
	Split	Yes

	Arpeggio	150 types
	Melody Suppressor	Yes
	Crossfade	Yes (for Internal/AUX IN)

## Accompaniment Styles

Preset	Number of Preset Styles	220
	Fingering	Multi finger
	Style Control	ACMP ON/OFF, SYNC START, SYNC STOP, START/STOP, INTRO/ENDING/rit., MAIN/AUTO FILL, TRACK ON/OFF
	File Format	Style File Format (SFF)
Other Features	Music Database	378
	One Touch Setting (OTS)	Yes
Expandability	Expansion Style	10

## Songs

Preset	Number of Preset Songs	30
Recording	Number of Songs	10
	Number of Tracks	6 (5 Melody + 1 Style/Pattern)
	Data Capacity	Approx. 19,000 notes (when only “melody” tracks are recorded)
	Recording Function	Yes
Compatible Data Format	Playback	SMF
	Recording	Original File Format (SMF 0 conversion function)

## Functions

Registration	Number of Buttons	4 (x 8 banks)
Lesson/Guide	Yamaha Education Suite (Y.E.S.)	Lesson 1 – 3 (Listening, Timing, Waiting), Repeat & Learn, Chord Dictionary
Overall Controls	Metronome	Yes
	Tempo Range	11 – 280
	Transpose	-12 to 0, 0 to +12
	Tuning	427.0 – 440.0 – 453.0 Hz (approx. 0.2Hz increments)
	Scale Setting	Yes
Miscellaneous	PIANO Button	Yes (Portable Grand Button)

## Storage and Connectivity

Storage	Internal Memory	Approx. 1.29 MB
	External Drives	USB flash drive
Connectivity	DC IN	DC IN 12V
	Headphones	x 1 (Headphones/Output)
	Sustain Pedal	Yes
	AUX IN	Yes (Stereo-mini)
	USB TO DEVICE	Yes
	USB TO HOST	Yes (MIDI/Audio: 44.1 kHz, 16 bit, stereo)

## Amplifiers and Speakers

Amplifiers	6 W + 6 W (When using PA-150 AC adaptor)
Speakers	12 cm x 2

## Power Supply

Power Supply	AC Adaptor (PA-150 or an equivalent recommended by Yamaha) or batteries (Six“AA”size alkaline (LR6), manganese (R6) or Ni-MH rechargeable batteries)
Power Consumption	8 W (When using PA-150 AC adaptor)
Auto Power Off Function	Yes

## Accessories

Included Accessories	Music Rest	Yes
	Song Book	Download from website