

YAMAHA

PSR-EW400
PSR-E453

PSR-EW400
BRAND NEW!



PSR-EW400

Live Power, Live Control, Live Performance!

The Yamaha PSR-EW400 and PSR-E453 are ground-breaking live performance keyboards for players at home, in the studio or on stage, with a huge range of sounds and functions that offer incredible music production capability.

Combining legendary Yamaha sound with a powerful on-board amplifier and speaker system, both keyboards are your gateway to immense musical potential. PSR-E453 offers a **61-key touch response keyboard** while the extended **76-note keyboard** of PSR-EW400 will immediately feel comfortable to both pianists and keyboard players alike.

There are **more than 750 voices** together with **220 styles** covering a huge range of music from the classical era to today's hits. The PSR-EW400's outstanding Live! Grand Piano complements the 76-note keyboard perfectly.

For the beginner, the built-in **lesson functions** and informative LC display help to develop fundamental keyboard skills. You can access on-board resources like **Chord Dictionary** and **Music Database**, store set-up data with **Registration Memory** and record a complete performance with the **6-track sequencer**.

DJ patterns include programmed chord progressions which add a whole new dynamic to keyboard playing. Together with the assignable Live Controllers and **Arpeggiator**, it's easy to create unique dance grooves in real time.

Advanced digital effects add a studio-like production quality while the **powerful amplifier** and speaker system with **bass-reflex ports** delivers a powerful sound. There's also a **line output on PSR-EW400** for easy connection to an external sound system.

You can add an external audio source to the performance and use the **Melody Suppressor** to virtually reduce the lead part in a suitable audio track.

With USB, you can store your performance data on a memory stick and easily connect to computers and other devices. Both keyboards also support **USB Audio** enabling digital sound recording on an external device and USB audio output from the keyboard's speaker system.

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PSR-E453

- 76 keys with touch response (PSR-EW400) / 61 keys with touch response (PSR-E453)
- 237 voices + 24 Drum/SFX kits + 40 Arpeggio + 457 XGlite voices
- Live! GrandPiano voice (PSR-EW400 only)
- 220 styles
- Music Database and One Touch Setting
- 30 on-board songs + 70 songs online
- Audio input with adjustable Melody Suppressor
- 12W + 12W amplification (PSR-EW400) / 6W + 6W amplification (PSR-E453)
- L&R Outputs for connecting to a PA system (PSR-EW400 only)
- USB-to-Host and USB-to-Device; USB Audio
- iOS apps available for your iPhone/iPad/iPodTouch*

(*additional connecting cable required)



PSR-EW400

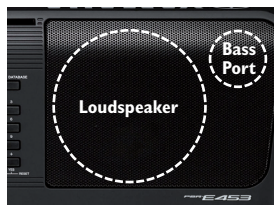
PSR-E453

Pattern Function



The Pattern function features a range of powerful loops and beats that allow you to create incredible dynamic dance grooves instantly. Use the assignable Live Controllers to modify sounds in real-time, apply re-triggering and perform DJ style cross-fades!

Powerful Amplifier and Speaker Systems



Enjoy powerful, clean sound with 6W + 6W (PSR-E453) or 12W + 12W (PSR-EW400) amplification and on-board bass reflex speaker system.

Real-time Controllers and pitch bend wheel



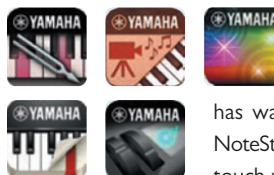
Two real-time controllers allow you to filter and adjust sounds like an analogue synthesizer. The pitch bend wheel moves the pitch up or down and is great for bringing instrument sounds such as guitars and saxophones to life.

USB Connectivity



With USB-to-Host and USB-to-Device, you can store your setup and performance data on USB memory and easily connect to computers and other devices. PSR-E453 and PSR-EW400 also feature USB audio to connect compatible audio sources for playback through the keyboard's sound system or output the instrument's audio via USB to another device.

Apps for iOS devices



You're going to love practising and performing even more once you get your hands on the cool interactive tools that Yamaha has waiting for you. By downloading apps such as NoteStar and Sound Controller, your iPad/iPhone/iPod touch will have you mastering music faster than you can imagine, while our song database offers a huge variety of classic and contemporary tunes.



With the new USB audio feature and Cloud Audio Recorder, you can record sound to your iOS device digitally in the highest quality. The recorded data can be normalized, trimmed and processed on the iOS device. Recorded data can be freely uploaded to or downloaded from SoundCloud. You can also copy & paste your recording to other iOS apps.

Specifications

PSR-E453

PSR-EW400

Model Name			PSR-E453	PSR-EW400	
Color/Finish	Body	Color	Black		
Size/Weight	Dimensions	Width	946 mm (37-1/4")	1,178 mm (46-3/8")	
		Height	140 mm (5-1/2")	138 mm (5-7/16")	
		Depth	405 mm (15-15/16")	412 mm (16-1/4")	
	Weight		6.6 kg (14 lbs 9 oz.) not including batteries	8.4 kg (18 lbs 8 oz.) not including batteries	
Control Interface	Keyboard	Number of Keys	61 (Organ Style)	76 (Organ Style)	
		Touch Response	Yes	Yes	
	Other Controllers	Pitch Bend	Yes		
		Control Knobs	Yes		
	Display	Type	LCD (Liquid Crystal Display)		
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	Live! Grand Piano + 236 panel Voices + 24 Drum/SFX kits + 40 Arpeggio + 457 XGlite Voices	
		Featured Voices	8 Sweet! Voices, 3 Cool! Voices, 3 Dynamic Voice	1 Live! Voice, 8 Sweet! Voices, 3 Cool! Voices, 3 Dynamic Voice	
	Compatibility	GM	Yes		
XGlite		Yes			
Effects	Types	DSP	10 types (assignable on control knobs)		
		Reverb	9 types		
		Chorus	5 types		
		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		
Expandability	One Touch Setting (OTS)	Yes			
	Expansion Style	10			
Pattern	Preset	Number of Preset Patterns	25		
		Number of Preset Sections	5		
Songs	Preset	Number of 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)		
	Compatible Data Format	Recording Function	Yes		
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		
		AUX IN	Yes (Stereo-mini)		
		Headphones	x 1 (PHONES/ OUTPUT)	x 1	
		Output	–	L/L+R, R	
		Sustain Pedal	Yes		
		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)	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) included or optional batteries (Six "AA" size alkaline (LR6), manganese (R6) or Ni-MH rechargeable batteries)	AC Adaptor PA-300C (or an equivalent) included or optional batteries (Six "D" size alkaline (LR20), manganese (R20) or Ni-MH rechargeable batteries)		
	Power Consumption	8 W (When using PA-150 AC adaptor)	11 W (When using PA-300C AC adaptor)		
	Auto Power Off Function	Yes			
Accessories	Included Accessories	Music Rest, Owner's Manual, AC Power adaptor, Online Member Product Registration, Songbook available for download			
	Optional Accessoires	Headphones HPH-50, HPH-100, HPH-150; Footswitch : FC4A/FC5; USB MIDI Interfaces for iPhone/iPod touch/iPad (i-UX1, UD-BT01)			

The descriptions and photos in this brochure are for information only. YAMAHA reserves the right to change the products and technical data at any time without notice. As the technical data may vary from country to country, please obtain information from your Yamaha dealer. No liability is accepted for printing errors. Status: March 2016



Yamaha Music Europe GmbH
Siemensstraße 22-34 • 25462 Rellingen / Germany
<http://yamaha.com>