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DIGITAL KEYBOARDS & DIGITAL PERCUSSION



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BENEFITS

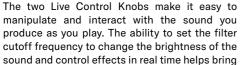


GROOVE CREATOR & QUICK SAMPLING

With Groove Creator, buttons and knobs are all you need to create contemporary electronic music and sound like a pro. Capture sound from outside of your instrument using the AUX input, microphone input or even by importing files from a USB storage device, and then play possibilities are endless!



your performances to life.





PREMIUM SOUND QUALITY

The Super Articulation Lite function lets you realistically simulate the distinct ways each instrument is played - for example, the scratch sound of a distorted electric guitar or the harmonics of a nylon-string guitar. In addition, the PSR-EW425 features premium organ sound created with samples from high-end Yamaha YC Series.



MOTION EFFECT

The Motion Effect function lets you instantly add effects while you play that can, morph the sound with a filter, create pitch risers, add tape stop effects & slices, or other new dynamic sound effects. All by simply holding down the button!



PSR-E473



PSR-EW425

- Touch-sensitive keyboard with 61 keys (PSR-E473) or 76 keys (PSR-EW425)
- 820 high quality Voices with improved sampling
- 14 Super Articualtion Lite Voices
- Premium organ sound created with samples from high-end Yamaha YC Series (PSR-EW425 only)
- 64-note polyphony
- 290 auto accompaniment Styles
- 152 arpeggio types
- Quick Sampling function
- Groove Creator function
- USB Audio Recorder

- Live Control Knobs, Motion Effect functionality, pitch bend wheel
- Enhanced DSP power with DSP1: 41 types, DSP2: 12 types
- Mega Boost
- Melody Suppressor for both analog and digital
- 12W + 12W amplification (PSR-EW425) / 6W + 6W amplification (PSR-E473)
- 12 cm Bass Reflexed speakers
- L&R outputs for connecting to a PA system, Microphone input
- USB TO HOST and USB TO DEVICE; USB Audio



















Yamaha added Direct Category Access buttons to the user interface. Push the buttons for instantaneous access to the Voices and Styles you need for the musical genre of your choice.



MIC INPUT & VOCAL EFFECT

Connect a microphone and sing along with your playing while using built-in studio-quality vocal effects, giving you everything you need for a pro-sounding performance.



JOHN DOC PROPERTY

MEGA BOOST

Press the Mega Boost button to add +6dB of powerful volume! This function adds 6Db to the current volume level set by the volume know. Adding a boost to the instruments speaker volume allows you to play with others or be heard above the crowd, even without a PA system.



INDIVIDUAL L/R OUTPUT

Both PSR-E473 and PSR-EW425 come equipped with left and right audio outputs that allow you to easily connect to PA systems and studio equipment - you also have a dedicated headphones jack

MAKE YOUR FIRST KEYBOARD



Freely play any of your favorite songs with 61 or 76-keys. The new entry keyboard models PSR-E383 and PSR-EW320 feature full touch response, giving you full dynamic control of the sound with even the most delicate expressive nuances, and an extensive wealth of 650 instrument Voices, including grand piano. It also has a vast number of built-in songs.





PSR-EW320

- Touch-sensitive keyboard with 61 keys (PSR-E383) or 76 keys (PSR-EW320)
- 650 high quality Voices with improved sampling
- 12 Super Articulation Lite Voices
- 48-note polyphony
- 260 auto accompaniment Styles
- 152 arpeggio and 26 harmony types
- Reverb, Chorus and 41 types of DSP effects
- Brand new "Auto Chord Play" function for Style
- "Keys to Success" with various lesson functions

- 125 Songs, easy Song Book (available via web download)
- Duo mode
- Melody Suppressor for both analog and digital audio input
- 2.5W + 2.5W amplification
- USB TO HOST allowing two-way MIDI and digital audio transfer
- Compatible apps available* *additional connection cable required





















BENEFITS



EXPRESSIVE PLAYING PLEASURE

Play the keys strongly and the sound gets louder. Play them softly and it becomes gentle and delicate. This expressive touch response function brings out even the most minute sound nuances in your performance. In addition, a vast variety of instrument Voices, including pianos, guitars, bass, drums and many others-plus a wealth of built-in songs-further expand your pleasure as you play. Use to play anywhere. The 76-key keyboard of PSR-EW320 even covers a greater range, allowing you to authentically play even more piano piece.



HAVE FUN, GET BETTER

These keyboards feature 3-step Lessons that let you practice according to your own personal level, allowing you to practice with just your right hand, or your left hand, or both hands together with the built-in Songs, and practice the same phrases repeatedly as needed. It also evaluates your practice sessions, giving you feedback and even greater practice



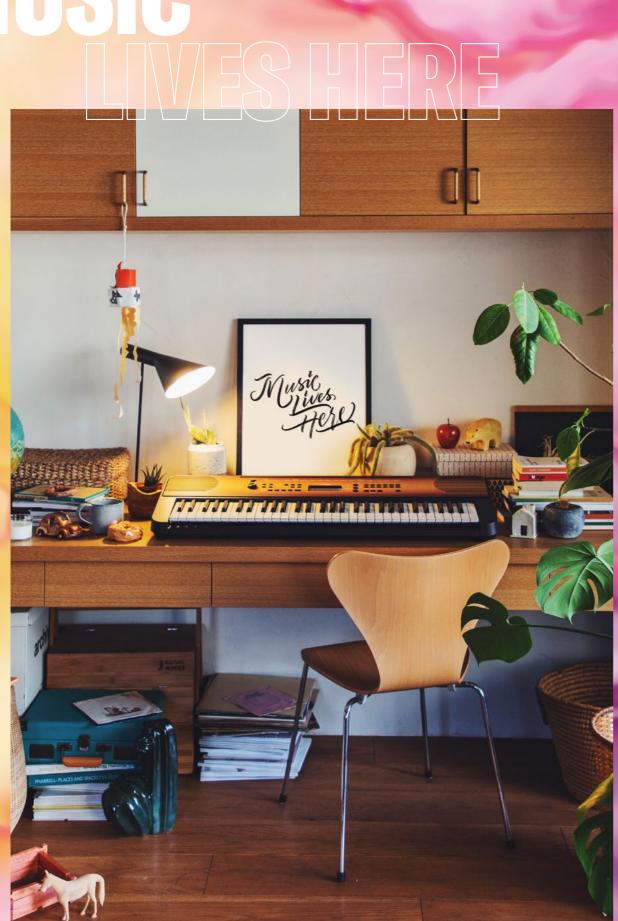
AUTOMATIC BACKING MADE EASY

Simply by playing the root note of a chord (or the full chord), the powerful Style features automatically

add rhythm, bass, and chordal backing notes to perfectly match the chords you play-easily allowing you to enjoy playing as if you were performing with an entire backing band. In addition, the Auto Chord Play function lets you automatically produce musically appropriate chord progressions and further expand your musical horizons.



MUSIG





PSR.E360

The PSR-E360 features an expressive, touchsensitive keyboard action along with sophisticated functions. Designed to enhance your living space, it blends into your home beautifully and becomes part of the family.











- Touch-sensitive keyboard with 61 keys ■ 400 high-quality Voices
- 32-note polyphopny
- 130 auto accompaniment Styles
- Master EQ / Ultra Wide Stereo
- 112 Songs, easy Song Book (available via web download)
- 3-step lesson function (Yamaha **Education Suite)**
- Duo mode
- 2.5W + 2.5W amplification
- Recording function
- AUX IN jack for connecting an external audio source

YOUR BENEFITS



ON-BOARD LESSONS SUPPORT LEARNING TO PLAY

3-step lesson - Listening, Timing and Waiting modes are available for each hand, or both hands together. Lessons use the on-board Songs to help build your skills. Then, use the simple recording function to capture and listen to your performance.



PSR-E360 MA (MAPLE)

The maple model's warmth will give the perfect accent to your interior decor and lighten up the whole house.



PLAY ALONG WITH YOUR FAVOURITE SONGS

Connect your portable music player to hear your favourite music through the instrument's speakers. Play along and you feel like you've joined the band!



PSR-E360 DW (DARK WALNUT)

The walnut wood finish on the front panel gives a calm and gentle touch to this keyboard.

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keyboard Yamaha's entry for beginners motivates and entertains you at the same timetaking your playing to a higher level. The PSR-E283 gives you all the tools to enjoy and practice, even for the first time, with 410 authentic instrument Voices, fun sound effects, and stimulating Lesson functions including a Quiz Mode.

PSR-E283

- Keyboard with 61 keys
- 410 high-quality Voices
- 32-note polyphopny
- 150 auto accompaniment Styles
- Master EQ / Ultra Wide Stereo
- 122 Songs, easy Song Book (available via web download)
- Lesson function (3 steps)
- Recording function

- Smart Chord
- Quiz mode
- Duo mode
- Stereo Speakers (12cm x 2 / 2.5W x 2)
- AUX IN jack for connecting an external audio source
- 2 free online lessons with a Yamaha Music School teacher





SFX Enjoy a variety of sound effects.



RECORDING Earsily record hand-played phrases.



LESSON MODE Helpful learning functions



OUIZ MODE Play along with the "guess the note" quiz.



Players looking for an instrument for authentic sound whatever style of music you play, while Oriental music will appreciate the comprehensive upgraded features and connectivity expand the capa-bilities and realistic sound of the PSR-A350. joy of playing music even further. A wide variety of quality content inherited from high-end keyboard models offers authentic



^{PSR:} A350

- Touch-sensitive keyboard with 61 keys
- 613 high quality instrument Voices (incl. 45 Oriental Voices + 19 Oriental Drum Kits) ■ 210 accompaniment Styles
- (incl. 115 Oriental Styles)
- 152 arpeggio types (incl. 5 Oriental)
- 50 Songs

- Scale Tune Setting (with 12 note buttons & 4 memory banks)
- Pitch bend wheel
- AUX IN with Melody Suppressor
- 2.5W + 2.5W amplification
- iOS apps available for your iPhone/iPad/ iPod Touch*

*additional connection cable required









BENEFITS



SCALE SETTING BUTTONS WITH MEMORY BANKS & PITCH BEND WHEEL



AUDIO AUX IN & MELODY SUPPRESSOR FUNCTION



USB TO HOST & 10 USER BANKS FOR STYLES



EZ-310

- Touch-sensitive keyboard with 61 lighting keys
- 650 high quality Voices with improved sampling
- 12 Super Articulation Lite Voices
- 48-note polyphony
- 260 auto accompaniment Styles
- 152 arpeggio and 26 harmony types
- Reverb, Chorus and 41 types of DSP effects
- Brand new "Auto Chord Play" function for Style ■ "Keys to Success" with other lesson functions
- 152 built-in demo Songs, including popular and famous songs, as well as pieces for study
- Duo mode
- Melody Suppressor for both analog and digital audio input
- 2.5W + 2.5W amplification
- USB TO HOST allowing two-way MIDI and digital audio transfer
- Compatible apps available* *additional connection cable required

















GLOWING KEYS MAKE FIRST-TIME PLAY AND PRACTICE A BREEZE

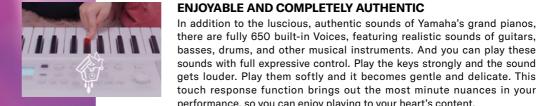
Simply press the keys in time as they light-and enjoy playing, even if you can't read music or have never touched a keyboard before. In addition, the instrument features 3-step Lessons that let you practice the built-in Songs according to your level, with just your right hand, or your left hand, or both hands together, and practice the same phrases repeatedly as needed.



PLAY AND LISTEN TO YOUR FAVORITE SONGS There are 152 Songs

built into the instrument, including famous pop, classical, and piano Songs, letting

you enjoy playing and listening to your favorite music. Moreover, you can connect it to your computer and add even more of your personal favorite songs.



The instrument has powerful Style features that automatically add rhythm, bass and chordal backing notes to perfectly match the chords you play, and make it sound as if you're performing with an entire backing band. There's even a convenient Auto Chord Play function that automatically produces musically appropriate chords and helps you expand your performance range.

performance, so you can enjoy playing to your heart's content. **AUTOMATIC BACKING MADE EASY**

REC'N'SHARE

Enhance your music practice, recording, and performance with a smart device. Use the "Rec'n'Share" app to record audio and video with your favorite songs and share your performances globally.







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THESMART



A 61-key (NP-15) and 76-key keyboard (NP-35) that allows you to perform piano pieces with greater authenticity, without requiring much space. Although the keys have the same box shape as those on a piano, the keyboard has a lighter feel that makes it easy for novice pianists to start, rather than the weightier feel of a standard piano keyboard.



PIGGGERO NP-35

NP-35 also available in white



PIAGGERO NP-15

NP-15 also available in black

- Graded soft-touch keyboard with 76 keys (NP-35) or touch-sensitive keyboard with 61 keys (NP-15)
- 64-note polyphony
- 6 Reverb types; Chorus (Preset Only)
- 15 instrument voices; Dual/Layer
- Damper Resonance

TOTAL TOTAL

- 15 Voice Demo Songs + 10 Piano Preset Songs
- 6W + 6W amplification (NP-35) / 2.5W + 2.5W amplification (NP-15)
- Sound Boost
- USB-TO-HOST MIDI & Audio
- iOS apps available for your iPhone/iPad/iPod Touch* *additional connection cable required













BENEFITS

IT'S JUST SO LIGHT! YOU CAN TAKE IT ANYWHERE

Supremely light and running on just a few standard batteries, Piaggero sets you free to play anywhere, even in the great outdoors.

A LIGHT KEYBOARD FEEL THAT MAKES PIANO PLAYING FUN!

Maybe you want to learn how to play the piano, but the keys feel so heavy you think your fingers will tire out; or maybe you think your fingers aren't strong enough to achieve sufficiently strong fortes. The Piaggero's light keyboard feel lets you experience the joy of playing a keyboard.

EASILY RECORD SOUND AND VIDEO, AND UPLOAD YOUR OWN PERFORMANCES

If you want to take a video of your performance and share it on platforms like YouTube, TikTok and so on, Rec'n'Share is the way to go. Connect the Piaggero to your smart device, and record both video and audio at the same time to complete your video.







Anyone can enjoy the piano more with Smart Pianist, a dedicated app for smart devices that provides various music-related functions when connected to a compatible Yamaha piano.





- High-quality mini-keyboard with 37 keys
- 49 Voices (instruments)
- 74 sound effects
- 28 auto accompaniment Styles and the Smart Chord function
- 30 onboard Songs and free digital songbook
- Quiz mode Guess the sound!
- Light and compact
- Built-in speaker / Headphones jack
- Battery and USB bus powered* *USB power adapter is sold separatel





















PSS-E30 **OUIZ MODE GROWS WITH THEM**



PSS-E30 & F30 **MINI-SIZED KEYS MADE TO FIT**



PSS-E30 & F30 **EASY TO TIDY UP**



PSS-E30 & F30 PRESET SONGS MAKE AN EASIER



PSS-E30 & F30 **PLUG IN HEADPHONES**





- High-quality touch-sensitive mini-keyboard with 37 keys
- 42 Voices (instruments)
- 138 arpeggio types
- Phrase recorder
- Motion Effect
- USB-MIDI connection
- Light and compact
- Built-in speaker / Headphones jack
- Battery and USB bus powered* *USB power adapter is sold separately







ENEFITS



COMPUTER CONNECTIVITY

Connect the PSS-A50 to a computer to experiment with virtual instruments and music production software * — the possibilities are limitless. *Software sold separately



ANYTIME -**ANYWHERE**



PRO-LEVEL FEELING

The PSS-A50's high-quality, touch-sensitive mini-keyboard is inherited from the Yamaha Reface series - highly regarded by professionals for its outstanding touch, feel and expressive power. Master complex chords and difficult phrases. Take on the high-speed passages and emotional melodies that challenge professional players.



PLUG IN **HEADPHONES**



8 touch-sensitive drum pads in an easy-playing layout allow for expressive drumming

- 2 assignable foot pedals included for kick, hi-hat or any other Voice
- Compact & portable design with battery operation allows you to play anywhere you want
- Headphone jack allows you to play anytime you want
- AUX IN jack for connecting and playing along with your favourite music
- 570 Voices assignable to any pad
- Hand Percussion mode
- 105 built-in Songs for learning and playing along with
- 75 programmed Drum Kits + 10 Custom Kits
- 32-note polyphony
- Stereo speakers with bass port provide great sound quality
- Reverb and Master EQ
- Sensitivity adjustment for individual pads and bass pedal
- Record your own Songs
- (up to 5 in memory at one time)
- MIDI IN/OUT

YOUR BENEFITS



EXPRESS YOURSELF

8 touch-sensitive drum pads, laid out like an acoustic kit, allow for expressive drumming.



IT'S EASY TO PLAY ALONG WITH YOUR FAVOURITE MUSIC

Connect your audio player to the AUX IN jack and jam with your favorite tunes.



TAKE YOUR DRUM KIT WITH YOU

Jamming at a friend's house? With the compact design and easy set-up, just grab your kit and go!



PLAY ANYWHERE YOU WANT

DD-75 can operate on batteries, allowing you to play outside on the street or even at the beach.



JAM AWAY IN SILENCE

This drum kit has a volume control, but when you really don't want to disturb others, plug in your headphones.



USE IT FOR HAND PERCUSSION PLAYING

Use the Hand Percussion mode with a variety of ethnic Percussion Kits, like Chinese, Indian, Middle Eastern, Latin and more. DD-75 includes music genres from around the world.

ACCESSORIES

along with your favourite music!

favourite music.

"The perfect all-in-one mini drum kit solution".

Designed from a drummer's point of view. Play

DD-75 is a digital drum kit with eight touch-

sensitive pads and two foot pedals. It features

high quality drum and a wide variety of percussion

sounds from all over the world. AUX IN jack lets you

connect an audio player and play along with your



KU100 Foot Pedal



HH40 Foot Pedal



MD-BT01
Wireless MIDI Adapter



SS662 Snare Stand

HEADPHONES







HPH-100 Headphones



HPH-50 Headphones



SUBWOOFER

KS-SW100

PEDAL & FOOT SWITCH



FC3A **Foot Pedal**



FC4A **Foot Switch**



Foot Switch

STAND



L-2C Keyboard Stand

ADAPTOR



UD-BT01 Wireless MIDI Adapter

(USB Bluetooth®)



SC-KB630

Carrying soft case for several Yamaha portable keyboard with 61 keys. 335 mm x 195 mm x 1090 mm (H x D x W)



SC-KB730

Carrying soft case for several Yamaha portable keyboard with 76 keys. 335 mm x 195 mm x 1300 mm (H x D x W)

Models	Headphones		Subwoofer Foot Pedal		Foot Stand		Wireless MIDI Adapter	Bags		
	HPH-150	HPH-100	HPH-50	KS-SW100	FC3A	FC4A / FC5	L-2C	UD-BT01	SC-KB630	SC-KB730
PSR-E473	1	1	1	1		1	1	1		
PSR-EW425	1	1	1	1		1		1		
PSR-E383	1	1	1			1	1	1	1	
PSR-EW320	1	1	1			1	1	1		1
PSR-E360	1	1	1			1	1		1	
PSR-E283	1	1	1			1	1		1	
PSR-A350	1	1	1			1	1	1		
EZ-310	1	1	1			1	1	1	1	
NP-35	1	1	1		1	1	1	1		1
NP-15	1	1	1		1	1	1	1	1	
PSS-F30	1	1	1							
PSS-E30	1	1	1							
PSS-A50	1	1	1							

Bundle conditions and availability of optional accessories may vary from country to country.

YOUR KEYBOARD

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, your iPhone/iPad/iPod Touch or your Android device will have you mastering music faster than you can imagine, while our song database offers a huge variety of classic and contemporary tunes.



Smart Pianist

Smart Pianist lets you enjoy features like piano voice selection or play back and view a comprehensive variety of built-in songs and lesson pieces.



MusicSoft Manager*

MusicSoft Manager lets you transfer your music directly onto your Yamaha digital



Rec'n'Share

Rec'n'Share allows you to record audio and video along with songs from your music library and then share your performances.



Piano Diary

Piano Diary allows you to record your own piano playing, to replay later. You can track your playing statistics and enjoy rewards for your continuous piano practice.



Chord Tracker

The Yamaha Chord Tracker app helps you practice and perform songs by analyzing the audio song stored in your device and then displays the chord symbols for you.



My Music Recorder'

My Music Recorder is designed for parents to record, archive and share their children's daily musical performances.

Make Waves

Models	MusicSoft Manager*	Piano Diary*	My Music Recorder*	Rec'n'Share	Smart Pianist	Chord Tracker
PSR-EW425	/			✓		(✔)
PSR-E473	/			✓		(/)
PSR-EW320	/			1		(/)
PSR-E383	/			✓		(/)
PSR-A350	/	√ ¹	√ ¹			(/)
EZ-310	/			✓		(/)
NP-35				✓	√ ¹	(/)
NP-15				✓	√ ¹	(√)

¹also Bluetooth[®] connection possible when using optional adapter UD-BT01.

Available at:



'Only available at:



Additional fun and functional Yamaha applications are also available. To find out more, please visit: europe.yamaha.com/en/products/apps

Some applications are only available in certain regions.

LEARN THE KEYBOARD WITH YAMAHA AND FLOWKEY





flowkey is one of the world's most popular apps for learning to play the piano. Even if you're a beginner, you can learn to play a wide range of songs on your keyboard, in no time!









Scan the QR-code to gain three months free access to the app.

SPECIFICATIONS

Models		PSR-EW425	PSR-E473	PSR-E383	PSR-EW320	PSR-E360	PSR-E273	PSR-A350	EZ-310
Keys (Keyboa	rd Style)	76	61	61	76	61	61	61	61 (Light-up keys)
Touch Sensitivity		Yes	Yes	Yes	Yes	Yes	-	Yes	Yes
Polyphony		64	64	48	48	32	32	32	48
Controllers	Pitch Bend Wheel	Yes	Yes	-	-	-	-	Yes	-
	Live Control Knobs	x 2	x 2	-	-	-	-	-	-
	Scale Tune Buttons	-	-	-	-	-	-	Yes	-
Voices	Preset Featured Voices	Voice x 294 XG lite x 458 Drum/SFX kit x 28 Arpeggio Voice x 40 4 Live! Voices,	Voice x 294 XG lite x 458 Drum/SFX kit x 28 Arpeggio Voice x 40 3 Live! Voices,	650 (258 Panel Voices + 25 Drum/SFX kits + 20 Arpeg- gio + 347 XG lite Voices) 3 Live! Voices	650 (258 Panel Voices + 25 Drum/SFX kits + 20 Arpeg- gio + 347 XG lite Voices) 3 Live! Voices	Voice x 384 Drum/SFX kit x 16	Voice x 384 Drum/SFX kit x 17	Voice x 221 XG lite x 339 Drum/SFX kit x 33 Arpeggio Voice x 20 Sweet! Voice x 1	650 (258 Panel Voices + 25 Drum/SFX kits + 20 Arpeg- gio + 347 XG lite Voices) 3 Live! Voices
		9 Sweet! Voices, 6 Cool! Voices, 14 Super Articulation Lite Voices, 10 Premium Organ Voices	9 Sweet! Voices, 6 Cool! Voices, 14 Super Articulation Lite Voices	9 Sweet! Voices 6 Cool! Voices 12 Super Articulation Lite Voices	9 Sweet! Voices 6 Coo!! Voices 12 Super Articulation Lite Voices			Cool! Voice x 3 Dynamic Voice x 3 (incl. 45 Oriental Voices + 19 Oriental Percussion)	9 Sweet! Voices 6 Cool! Voices 12 Super Articulation Lite Voices
	Compatibility	XG lite/GM	XG lite/GM	XG lite/GM	XG lite/GM	-	-	XG lite/GM	XG lite/GM
Styles	Preset	290	290	260	260	130	143	210	260
	Format	SFF	SFF	SFF	SFF	-	-	SFF	SFF
	Music Database	-	-	200	200	-	-	-	200
_	One Touch Setting (OTS)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Songs	On-board Recorder	30 (Onboard) 6-Track (5 Melody + 1 Style / Groove Creator)	30 (Onboard) 6-Track (5 Melody + 1 Style / Groove Creator)	125 2-Track 5-Song	125 2-Track 5-Song	1-Track 1-Song approx. 300 notes	1-Track 1-Song approx. 300 notes	50 2-Track 5-Song	152 2-Track 5-Song
Groove Creator	Preset / Sections	10-Song 35 / 5	10-Song 35 / 5	-	-	-	-	-	-
Featured Functions	Lesson	-	-	KEYS TO SUCCESS (3 steps)	KEYS TO SUCCESS (3 steps)	(3 steps), A-B repeat, Chord Dictionary	(3 steps), A-B repeat, Chord Dictionary	KEYS TO SUCCESS (3 steps)	KEYS TO SUCCESS (3 steps)
	Registration Memory	4 x 8 banks	4 x 8 banks	10 banks	10 banks	-	-	9 banks	10 banks
	Portable Grand button	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Groove Creator	Yes	Yes	-	-	-	-	-	-
	Arpeggio	152 types + Motion Effect	152 types + Motion Effect	152 types	152 types	-	-	152 types	152 types
Effects	DSP	DSP1: 41 types DSP2: 12 types	DSP1: 41 types DSP2: 12 types	41 types	41 types	-	-	-	41 types
	Reverb	12 types	12 types	15 types	15 types	9 types	9 types	9 types	15 types
	Chorus	5 types	5 types	7 types	7 types	5 types	5 types	5 types	7 types
	Harmony	26 types	26 types	26 types	26 types	-	-	26 types	26 types
	Master EQ	4 types	4 types	5 types	5 types	6 types	6 types	6 types	5 types
	Ultra-Wide Stereo	-	-	-	-	3 types	3 types	3 types	-
	Melody Suppressor (for AUX IN)	Yes	Yes	Yes	Yes	-	-	Yes	Yes
Storage	Crossfade (Internal / AUX IN)	Yes Internal Flash Memory; External Drives* (optional)	Yes Internal Flash Memory; External Drives* (optional)	Internal Flash Memory	Internal Flash Memory	-	-	Internal Flash Memory	Internal Flash Memory
Connection	USB TO HOST	Yes (MIDI/ Audio)	Yes (MIDI/ Audio)	Yes (MIDI/ Audio)	Yes (MIDI/ Audio)	-	-	Yes (MIDI)	Yes (MIDI/ Audio)
	USB TO DEVICE	Yes	Yes	-	-	-	-	-	-
	INPUT	AUX IN, MIC IN	AUX IN, MIC IN	AUX IN	AUX IN	AUX IN	AUX IN	AUX IN	AUX IN
	HEADPHONES	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	OUTPUT	L/R Output	L/R Output	-	-	-	-	-	-
	FOOT PEDAL	Sustain (Optional)	Sustain (Optional)	Sustain (Optional)	Sustain (Optional)	Sustain (Optional)	Sustain (Optional)	Sustain (Optional)	Sustain (Optional)
Speakers		12 cm x 2	12 cm x 2	12 cm x 2	12 cm x 2	12 cm x 2	12 cm x 2	12 cm x 2	12 cm x 2
Amplifiers Dimensions (WxDxH)	12 W + 12 W 1200 x 404 x	6 W + 6 W 992 × 404 ×	2.5 W + 2.5 W 941 x 317 x	2.5 W + 2.5 W 1148 x 317 x	2.5 W + 2.5 W 940 x 317 x	2.5 W + 2.5 W 940 x 317 x	2.5 W + 2.5 W 945 x 369 x	2.5 W + 2.5 W 941 x 317 x
		136 mm	136 mm	105 mm	105 mm	106 mm	106 mm	122 mm	105 mm
Weight (not i	ncluding batteries)	8.4 kg	6.6 kg	4.4 kg	5.2 kg	4.0 kg	4.0 kg	4.6 kg	4.6 kg

Models		PSS-E30	PSS-F30	PSS-A30	
Keys (Keyboard S	tyle)	37 HQ mini	37 HQ mini	37 HQ mini	
Touch Sensitivity		-	-	Yes	
Polyphony		32	32	32	
Controllers Pitch Bend		-	-	Yes (Function)	
	Modulation	-	-	Yes (Function)	
	Control Knobs	-	-	-	
Voices Preset Number of Voices		46 Voices, 1 Drum Kit, SFX Kits (74 sound effects)	Voice x 117, Drum Kit x 3	Voice x 40, Drum Kit x 2	
Styles	Preset	28	114	-	
	Controls	-	Main, Fill In	-	
Songs	Preset	30	30	-	
	On-board Recorder	-		1 phrase	
Function	Motion Effect	-	-	34 types	
	Quiz Mode	Yes	-	-	
	Arpeggio	-	-	138 types	
	JAM Function	-	-	-	
	USB Audio Interface	-	-	-	
Overal Controls	Metronome	Yes	Yes	Yes	
	Tempo Range	11 - 280, Tap Tempo (32-280)	11 - 280, Tap Tempo (32-280)	11 - 280, Tap Tempo (32–280)	
	Octave Button	-	-01 to +01	-04 to +04	
	Transpose	-12 to 0, 0 to +12	-12 to 0, 0 to +12	-12 to 0, 0 to +12	
	Tuning	427.0 - 440.0 - 453.0 Hz (approx. 0.2Hz Increments)	427.0 - 440.0 - 453.0 Hz (approx. 0.2Hz Increments)	427.0 - 440.0 - 453.0 Hz (approx. 0.2Hz Increments)	
Effects	DSP	-	-	-	
	Reverb	-	-	-	
	Chorus	-	-	-	
	Master EQ	-	-	-	
Connection	BLUETOOTH®	-	-	-	
	USB	-	-	Yes (MIDI, USB micro B)	
	AUX IN	-	-	-	
	LINE OUT	-	-	-	
	MIDI	-	-	-	
	HEADPHONES/OUTPUT	Stereo mini jack	Stereo mini jack	Stereo mini jack	
Speakers		8 cm x 1	8 cm x 1	8 cm x 1	
Amplifiers		1.4 W	1.4 W	1.4 W	
Dimensions (WxD	xH)	506 x 201 x 54 mm	506 x 201 x 54 mm	506 x 201 x 54 mm	
Weight (not include	ding batteries)	1.2 kg	1.2 kg	1.2 kg	

Models		NP-35	NP-15		
Keys (Keyboard Style) Touch Sensitivity		76 (Box Type, Graded Soft Touch; Touch Sensitive)	61 (Box Type, Touch Sensitive) Yes		
		Yes			
Polyphony		64	64		
Voices	Preset Number of Voices	Voice x 15	Voice x 15		
Songs	Preset	15 (Voice Demo) + 10 (Piano)	15 (Voice Demo) + 10 (Piano)		
	On-board Recorder	1-Track, 1-Song	1-Track, 1-Song		
Effects	Reverb	6 types	6 types		
Connection	USB TO HOST	Yes (MIDI/AUDIO)	Yes (MIDI/AUDIO)		
	HEADPHONES/OUTPUT	Standard stereo phone jack	Standard stereo phone jack		
	FOOT PEDAL	Half-Damper compatible with FC3A (optional)	Half-Damper compatible with FC3A (optional)		
Speakers		(12 cm x 8 cm) x 2	(12 cm x 8 cm) x 2		
Amplifiers		6 W + 6 W	2.5 W + 2.5 W		
Dimensions (WxDxH)		1260 x 260 x 104 mm	1052 x 260 x 104 mm		
Weight		6 kg	5.2 kg		

*USB Flash Memory etc. For detail, please contact your nearest Yamaha representative.

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