

# PORTABLE DIGUTAL KEYBOARDS

**⊛YAMAHA** 

DIGITAL KEYBOARDS & DIGITAL PERCUSSION

Experience authentic sound with just the touch of a button. Because Yamaha keyboards come with incredibly detailed sounds captured from acoustic pianos, orchestral and electronic instruments. The acclaimed digital sound processing brings a warmth, depth and clarity that's designed to amaze, inspire and entertain. Discover what fascination sounds like with Yamaha.

资的资富的感觉



# **DIGITAL KEYBO**

PSR-E473 / PSR-EW PSR-E373 / PSR-EW PSR-E360 PSR-E273 PSR-A350 EZ-300

**PIAGGERO PIAN** NP-35 / NP-15

**MINI SIZE KEYB** PSS-E30 / PSS-F30 PSS-A50

**DIGITAL PERCU** DD-75

ACCESSORIES Headphones / Stand

**MUSIC SOFTWA SPECIFICATION** 



ARDS V425 '310	5 7 9 11 12 13
IO FOCUSED KEYBOARDS	15
OARDS	
	17 18
SSION	21
ds / Pedals	23
RE / APPS	25
S	27

The touch-sensitive keyboard and powerful sound engine of the **PSR-E473 bring together superb** sound and great feel in an all-new portable instrument. And with a sitive keyboard 76-key touch-sei and functionality that builds on and evolves the legacy of the renowned PSR series of portable R-EW425 offers keyboards, the P you power performance ake your music that will let you further.

**WYAMAHA** 

# BENEFITS U R



# **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 those sounds directly from your keyboard. The possibilities are endless!



# LIVE CONTROL KNOBS

The two Live Control Knobs make it easy to manipulate and interact with the sound you produce as you play. The ability to set the filter cutoff frequency to change the brightness of the sound and control effects in real time helps bring your performances to life.



EN DE DED DE



## 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.

PSR-E473

# 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!





- Touch-sensitive keyboard with 61 keys (PSR) 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



## DIRECT CATEGORY ACCESS

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.

# MEGA BOOST

BALS WOODHING SINTH CHOREAND BAL LATIN SHOCK EVERANCEM

VOID TRANSPORT

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.

- Enhanced DSP power with DSP1: 41 types, DSP2: 12 types

pitch bend wheel

- Mega Boost
- Melody Suppressor for both analog and digital audio input

■ Live Control Knobs, Motion Effect functionality,

- 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





# **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.



# **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

# EINGTHE EWSTANDARD

Setting the new standard for portable keyboards. The PSR-EW310 comes with 76 touch-sensitive the PSR-E373 with 61. Their extensive library with **622 international instrument** Voices opens up a new world of exploration.





- Touch-sensitive keyboard with 61 keys (PSR-E373) or 76 keys (PSR-EW310)
- 622 high quality Voices with improved sampling
- 11 Super Articulation Lite Voices
- 48-note polyphony
- 205 auto accompaniment Styles
- 150 arpeggio types
- Brand new DSP effects
- "Keys to Success" with other lesson functions



# O U R

## MORE HIGH-QUALITY VOICES

With the PSR-E373 & PSR-EW310 you can enjoy 622 stunning Voices including Guitar, Bass, Strings, Drums and Percussion, as well as Piano, Organ, and other classic keyboard instruments.

## CONNECT AND CREATE

622 VOICES

Hook up your audio player to your keyboard and listen to, or play along with, your favourite music via the instrument's speakers. The PSR-E373 & PSR-EW310 also let you reduce the level of the melody line\* with the Melody Suppressor function.

\*The volume of the melody line may not lower for some songs.

- 154 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





# YAMAHA EDUCATION SUITE LESSON

Learn built-in songs quickly and easily with the Yamaha Education Suite lesson feature. With the "Keys to Success" for the PSR-E373 & PSR-EW310, you have a step-by-step guide that gets you playing in no time. Plus, the "Touch Tutor" function adds even more expression to your playing.



# **PLAY WITH A PARTNER**

Duo mode for the PSR-E373 & PSR-EW310 allows two people to simultaneously play the same instrument for more fun and togetherness.

# MUS F





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.



## **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.



# 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!









- 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





# PSR-E360 MA (MAPLE)

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



# PSR-E360 DW (DARK WALNUT)

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



The PSR-E273 is an entry-level portable keyboard with

# starting out.

audio source

Quiz mode

Duo mode

Recording function

2.5W + 2.5W amplification

AUX IN jack for connecting an external

- 401 high-quality Voices 32-note polyphopny
- 143 auto accompaniment Styles

Keyboard with 61 keys

- Master EQ / Ultra Wide Stereo
- 112 Songs, easy Song Book (available via web download)

PSR-E273



# B



SFX





Eniov a variety of sound effects.

RECORDING LESSON MODE Earsilv record Helpful learning hand-played phrases. functions



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

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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





- 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
- & 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 **OUR**





SCALE SETTING BUTTONS WITH MEMORY BANKS & PITCH BEND WHEEL

**AUDIO AUX IN & MELODY** SUPPRESSOR FUNCTION



Scale Tune Setting (with 12 note buttons





613 voices

PC

61

KEYS

SONG

210 STYLES

SMART DEVICE

50 songs

**USB TO HOST & 10 USER BANKS** FOR STYLES

# NONDERS BEGIN





- Touch-sensitive keyboard with 61 lighting keys
- 622 high quality Voices incl. actual samples of a grand piano
- 11 Super Articulation Lite Voices
- 48-note polyphony
- 205 auto accompaniment Styles
- 150 arpeggio types
- Brand new DSP effects
- "Keys to Success" with other lesson functions



# O U R **BENEFITS**

# LIGHT-UP KEYS - MAKES PLAYING FUN FROM THE VERY FIRST TIME!

Just play the lighted keys and get beautiful music - naturally and effortlessly. It's easy to get hooked and have fun practicing and playing. And if you want to improve more, practice at your own pace with the three Lesson functions. The lighting keys guide you throughout, helping you enjoy playing - even if you can't read music.





Discover the secret that turns sounds into melody. The EZ-300 is

a 61-key, touch-sensitive keyboard specially equipped with light-up keys and designed for first-time players. Stylish and comprehensive.



THIM MINIM

SONGS YOU LOVE 202 built-in Songs that the whole family will enjoy.

Duo mode allows two

people to play the

same instrument.

111 800





DUO MODE



- 202 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

# TOUCH-SENSITIVE KEYS

Reflects every nuance of your playing.

# AUTHENTIC SOUNDS

Enjoy playing authentic Sounds.



# **REC'N'SHARE**

Digitally enhance the way you practice, record and perform music! Connect a smart device to the instrument to take advantage of a range of fun functions such as the "Rec'n'Share" app, which allows you to record audio and video along with songs from your music library and then share your performances with the world.

# 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.



# plagero NP-35



# plagero NP-15

- 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
- 15 Voice Demo Songs + 10 Piano Preset Songs

# YOUR

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.









NP-35 also available in white

NP-15 also available in black

- 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







# THE SMART PIANIST APP

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





- High-quality mini-keyboard with 37 keys
- 120 Voices (instruments)
- 114 auto accompaniment Styles and the Smart Chord function
- 30 onboard Songs and free digital songbook
- Various functions (Sustain, Metronome, and more!)
- Light and compact
- Built-in speaker / Headphones jack
- Battery and USB bus powered\*
- \*USB power adapter is sold separately



## BE Ν S R Ε U







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



PSS-E30 & F30 EASY TO TIDY UP





# 



- 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 B U R



# 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

# **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.

PSS-F30 LEAD THE BAND!





PSS-E30 & F30 PRESET SONGS MAKE AN EASIER START



# PLUG IN

**HEADPHONES** 











ANYTIME -ANYWHERE

PLUG IN **HEADPHONES** 

# AS YOU

# BENEFITS R U



# EXPRESS YOURSELF

headphones.

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



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



JAM AWAY IN SILENCE This drum kit has a volume control, but when you really don't want to disturb others, plug in your







# and jam with your favorite tunes. PLAY ANYWHERE YOU WANT

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

# 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.

# **DD-75**

"The perfect all-in-one mini drum kit solution". Designed from a drummer's point of view. Play along with your favourite music!

DD-75 is a digital drum kit with eight touchsensitive 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 favourite music.

# ACCESSORIES





KU100 Foot Pedal **HH40** Foot Pedal

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





MD-BT01 Wireless MIDI Adapter



SS662 **Snare Stand** 



# ACCESSORIES





HPH-150 Headphones HPH-100 Headphones





FC3A Foot Pedal

FC4A Foot Switch

# KS-SW100 SUBWOOFER

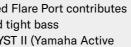
- New Twisted Flare Port contributes to clear and tight bass
- Advanced YST II (Yamaha Active Servo Technology II)
- 20 cm (8") cone woofer
- Stylish addition to any room Larger body generates full and powerful sound

Models	Headphones	Headphones	Headphones	Foot Pedal	Foot Switch	Keyboard Stand	Subwoofer	Wireless MIDI Adapter
	HPH-150	HPH-100	HPH-50	FC3A	FC4A / FC5	L-2C	KS-SW100	UD-BT01
PSR-E473	1	1	1		1	1	1	1
PSR-EW425	1	1	1		1		1	1
PSR-E373	1	1	1		1	1		1
PSR-EW310	1	1	1		1	1		1
PSR-E360	1	✓	1		1	1		
PSR-E273	1	1	1		1	1		
PSR-A350	1	1	1		1	1		1
EZ-300	1	1	1		1	1		1
NP-35B/WH	1	1	1	1	1	1		1
NP-15B/WH	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.











HPH-50 Headphones



FC5 Foot Switch



L-2C Keyboard Stand



UD-BT01 Wireless MIDI Adapter (USB Bluetooth®)



CONVENTIONAL PORT



TWISTED FLARE PORT



# **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.



# **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.



# **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.



YAMAHA

# MusicSoft Manager\*

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

# 8) YAMAHA

# **Piano Diary**<sup>\*</sup>

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.

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

**My Music Recorder**<sup>\*</sup>

Models	MusicSoft Manager*	Piano Diary*	My Music Recorder*	Rec'n'Share	Smart Pianist	Chord Tracker
PSR-EW425	1			1		(✔)
PSR-E473	1			1		(✔)
PSR-EW310	1			1		(√)
PSR-E373	1			1		(√)
PSR-A350	1	$\checkmark^1$	✓1			(√)
EZ-300	1			1		(√)
NP-35				1	✓1	(√)
NP-15				1	✓1	(✔)

<sup>1</sup>also Bluetooth<sup>®</sup> connection possible when using optional adapter UD-BT01.



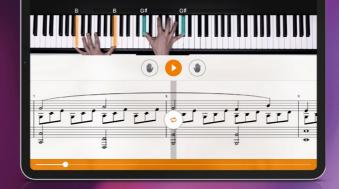
'Only available at: App Store Google Pla

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.

# INNOVATIVE. INTUITIVE. INTERACTIVE.









# **FLOWKEY APP FOR MORE LEARNING & FUN**

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

			1	1				-	1
Models		PSR-EW425	PSR-E473	PSR-E373	PSR-EW310	PSR-E360	PSR-E273	PSR-A350	EZ-300
Keys (Keyboa	ard Style)	76	61	61	76	61	61	61	61 (Light-up keys)
Touch Sensiti	ivity	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	Voice x 294 XG lite x 458 Drum/SFX kit x 28 Arpeggio Voice x 40	Voice x 294 XG lite x 458 Drum/SFX kit x 28 Arpeggio Voice x 40	Voice x 241 XG lite x 339 Drum/SFX kit x 22 Arpeggio Voice x 20	Voice x 197 XG lite x 339 Drum/SFX kit x 18 Arpeggio Voice x 20	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	Voice x 197 XG lite x 339 Drum/SFX kit x 18 Arpeggio Voice x 20
	Featured Voices	4 Live! Voices, 9 Sweet! Voices, 6 Cool! Voices, 14 Super Ar- ticulation Lite Voices, 10 Premium Organ Voices	3 Live! Voices, 9 Sweet! Voices, 6 Cool! Voices, 14 Super Ar- ticulation Lite Voices	3 Live! Voices 4 Sweet! Voices 6 Cool! Voices 11 Super Articulation Lite Voices	3 Live! Voices 4 Sweet! Voices 6 Cool! Voices 11 Super Articulation Lite Voices	-	-	Sweet! Voice x 1 Cool! Voice x 3 Dynamic Voice x 3 (incl. 45 Orien- tal Voices + 19 Oriental Percussion)	3 Live! Voices 4 Sweet! Voices 6 Cool! Voices 11 Super Articulation Lit Voices
	Compatibility	XG lite/GM	XG lite/GM	XG lite/GM	XG lite/GM	-	-	XG lite/GM	XG lite/GM
Styles	Preset	290	290	205	205	130	143	210	205
	Format	SFF	SFF	SFF	SFF	-	-	SFF	SFF
	Music Database	-	-	Yes	Yes	-	-	-	Yes
	One Touch Setting (OTS)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Songs	Preset	30 (Onboard)	30 (Onboard)	154	154	112	112	50	202
-	On-board Recorder	6-Track (5 Melo- dy + 1 Style / Groove Creator) 10-Song	6-Track (5 Melo- dy + 1 Style / Groove Creator) 10-Song	2-Track 5-Song	2-Track 5-Song	1-Track 1-Song approx. 300 notes	1-Track 1-Song approx. 300 notes	2-Track 5-Song	2-Track 5-Song
Groove Creator	Preset / Sections	35 / 5	35 / 5	-	-	-	-	-	-
Featured Functions	Lesson	-	-	KEYS TO SUC- CESS (3 steps)	KEYS TO SUC- CESS (3 steps)	(3 steps), A-B repeat, Chord Dictionary	(3 steps), A-B repeat, Chord Dictionary	KEYS TO SUC- CESS (3 steps)	KEYS TO SUC- CESS (3 steps)
	Registration Memory	4 x 8 banks	4 x 8 banks	9 banks	9 banks	-	-	9 banks	9 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	150 types	150 types	-	-	152 types	150 types
Effects	DSP	DSP1: 41 types DSP2: 12 types	DSP1: 41 types DSP2: 12 types	38 types	38 types	-	-	-	38 types
	Reverb	12 types	12 types	12 types	12 types	9 types	9 types	9 types	12 types
	Chorus	5 types	5 types	5 types	5 types	5 types	5 types	5 types	5 types
	Harmony	26 types	26 types	26 types	26 types	-	-	26 types	26 types
	Master EQ	4 types	4 types	6 types	6 types	6 types	6 types	6 types	6 types
	Ultra-Wide Stereo	-	-	-	-	3 types	3 types	3 types	-
	Melody Suppressor (for AUX IN)	Yes	Yes	Yes	Yes	-	-	Yes	Yes
	Crossfade (Internal / AUX IN)	Yes	Yes	-	-	-	-	-	-
Storage	Clossidde (internal / Rox In)	Internal Flash Memory; External Drives* (optional)	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		12 W + 12 W	6 W + 6 W	2.5 W + 2.5 W	2.5 W + 2.5 W	2.5 W + 2.5 W	2.5 W + 2.5 W	2.5 W + 2.5 W	2.5 W + 2.5 W
-	WxDxH)	1200 x 404 x	992 × 404 ×	945 x 369 x 118	1151 x 369 x 118	940 x 317 x 106	940 x 317 x 106	945 x 369 x 122	945 x 369 x 11
Dimensions (		136 mm	136 mm	mm	mm	mm	mm	mm	mm

Models		PSS-E30	PSS-F30	PSS-A30		
Keys (Keyboard Style) Touch Sensitivity		37 HQ mini	37 HQ mini	37 HQ mini		
		-	-	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	-	-	-		
<b>Overal Controls</b>	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 inclu	ding batteries)	1.2 kg	1.2 kg	1.2 kg		

Models		NP-35	NP-15	
Keys (Keyboard Style)		76 (Box Type, Graded Soft Touch; Touch Sensitive)	61 (Box Type, Touch Sensitive)	
Touch Sensitivi	ty	Yes	Yes 64	
Polyphony		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	

 $^{*}\text{USB}$  Flash Memory etc. For detail, please contact your nearest Yamaha representative.

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