



PORTABLE 2011 – 2012
**DIGITAL MUSICAL
INSTRUMENTS**



Digital Workstation

The sky's the limit. Our Digital Workstations are jam-packed with advanced features, exceptionally realistic Voices and expressive performance functions that give you the power to create, arrange, perform and record music in any style you desire.



Piaggero/ Portable Grand

If playing the piano is your thing, Yamaha has a range of compact piano-centric instruments that have amazingly realistic sound and wonderfully expressive playability. In particular, the ultra-portable Piaggero lets you take your piano and play anywhere.



Digital Keyboard

We've got Digital Keyboards of all types to help every player achieve their full potential. Whether you're just starting out or are an experienced player, our instrument lineup provides a fun way to get your creative juices flowing.



Digital Percussion

If drums and percussion are your forte, our Digital Percussion models give you exceptionally dynamic and realistic sounds, letting you pound out your own beats for practice or performance.





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HEAR THE DIFFERENCE, PLAY YOUR DREAM

Tyros4

The more things change, the more they stay the same. Now in its fourth generation, the Tyros4 retains its ease of use, ergonomic panel layout and playability, and augments it with an even greater and wider variety of Voices, Styles, and sophisticated features.



Yamaha's Premier Music Workstation— Unsurpassed Quality, Features and Performance

Extraordinarily expressive, realistic sound

The Super Articulation Choirs put remarkably human-sounding Voices under your fingers.

Wealth of Voices and effects

Tyros4 features a total of 993 Voices, giving you instant access to virtually every instrument in the real world.

Powerful, pro-quality accompaniment

With the wide variety of 500 built-in dynamic Styles, the Tyros4 puts a huge range of versatile, professional-sounding backing bands at your disposal.

Vocal Harmony 2

Tyros4's Vocal Harmony feature is such a step forward with its improved sound, tracking and all new Synth Vocoder, we've given it a new name VH2.

- 61 keys FSX with touch sensitivity
- Super Articulation 2 (SA2) Voices for ultimate realism
- Total 500 accompaniment Styles powered Yamaha Style technology with Guitar Enhancement and ultra-realistic Mega and SA2 Voices

- Audio Recorder/Player capable of playing MP3/WAV files from Hard Disk or USB media.
- Large TFT Color Display with RGB/Video output
- 128-note polyphony

Add Even More Sounds with Premium Packs and Voices



Premium Packs provide a full upgrade for your Tyros4 by adding new Premium Voices, Premium Styles, One Touch Settings, Multi-Pads, registrations and demonstration songs. Each Premium Voice gives you a fantastic new instrument sound that makes for a valuable addition to your Tyros4's selection of built-in factory Voices.



services.music.yamaha.com/voices



Tyros 4



Rear Panel

- | | | |
|-------------------------------|--|----------------------------|
| 1 TO RIGHT SPEAKER jack | 7 RGB OUT terminal | 13 TO SUB WOOFER jacks |
| 2 LAN terminal | 8 VIDEO OUT terminal | 14 Power on/off switch (⏻) |
| 3 USB TO HOST terminal | 9 LINE OUT jacks | 15 AC IN terminal |
| 4 USB TO DEVICE terminal | 10 AUX IN/LOOP RETURN jacks | 16 TO LEFT SPEAKER jack |
| 5 ASSIGNABLE FOOT PEDAL jacks | 11 AUX OUT/LOOP SEND jacks | |
| 6 MIDI terminals | 12 MIC jack (Combo Jack) either XLR or 1/4" Phone plug connector | |

Tyros4 Optional Accessories



Keyboard Stand: L-7S
Option Speaker: TRS-MS04



Flash Memory Expansion Module:
FL512M (512 MB) /
FL1024M (1GB <1024 MB>)

Expand your musical world



With an even greater and wider selection of Voices, enhanced effects, and an amazing variety of music genres and new Styles, the PSR-S910 provides stunning musical power and enormous value.

PSR-S910

- 61 regular-sized touch sensitive keys and 128-note polyphony
- Super Articulation Voices for ultra-realistic instrument sounds
- Accompaniment Styles powered by MegaVoices (total of 322 accompaniment Styles)
- Includes SFF GE Styles for super realistic Guitar phrases
- USB Audio Recorder and MP3 playback
- LAN Port for Internet Direct Connection access
- TFT Color LCD display



Packed with a selection of superior Voices, plus a huge variety of music genres and new Styles, this instrument gives you top music performance.

PSR-S710

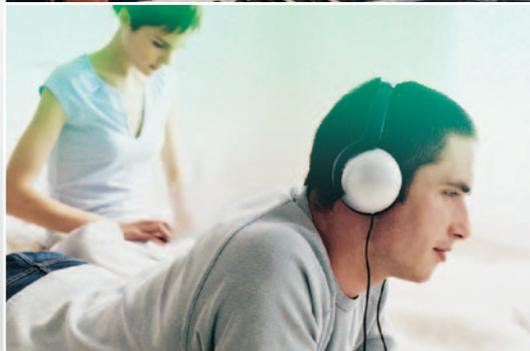
- 61 regular-sized touch sensitive keys and 128-note polyphony
- Accompaniment Styles powered by MegaVoices (total of 232 accompaniment Styles)
- Includes SFF GE Styles for super realistic Guitar phrases
- USB Audio Recorder
- LAN Port for Internet Direct Connection access
- Large full-dot LCD screen displays lyrics and score

NEW

PSR-S650

With a wide variety of high-quality Voices and Styles plus FlashROM expansion to add even more, the PSR-S650 gives you essential tools for creative performance and song arrangement.

- 61 regular-sized touch sensitive keys and 64-note polyphony
- 357 realistic instrument Voices (including 9 MegaVoices), 480 XG Voices and 28 Drum/SFX Kits
- Super-realistic Sweet!, Cool! and Live! Voices
- 181 built-in accompaniment Styles powered Yamaha Style technology with Guitar Enhancement and ultra-realistic Mega Voices
- Supports Expansion Pack Voices & Styles 
- Exceptionally clear and powerful sounds enhanced with high-quality DSP effects
- Custom Scale Tuning
- Time adjustable ECO (Energy Conservation Optimized) energy-saving feature



NEW

PSR-A2000

No matter the venue or musical genre, Yamaha's PSR-A2000 is the answer to all of your performance and composition needs. An amazing range of World Music Voices and Styles, versatile joystick controller, and a powerful custom scale function make this keyboard everything you could want a musical instrument.

- 61 regular-sized touch sensitive keys and 128-note polyphony
- 565 realistic instrument Voices (including 43 Middle Eastern Voices), 480 XG Voices and 33 Drum/SFX Kits
- 146 Middle Eastern Styles added to the extensive collection of world music sounds (total of 351 accompaniment Styles)
- Includes SFF GE Styles for super realistic guitar phrases
- Supports Expansion Voices & Styles 
- USB audio recording/playback
- Dedicated Scale Setting panel buttons for custom scale tuning
- Joystick controller
- Time adjustable ECO (Energy Conservation Optimized) energy-saving feature



Voice & Style Expansion



Optionally available Expansion Packs can be installed to the instrument, letting you add a variety of new Voices and Styles. Expansion Packs have been developed for a wide variety of regional music genres, and you're sure to find the Voices and Styles you need for playing virtually any kind of music! For details on obtaining Expansion Packs, refer to the Yamaha website: services.music.yamaha.com/vse





Global Music Expansion

Voice & Style Expansion

Our world is getting smaller all the time. For PSR players, though, the musical world is getting larger. Much larger. And that's just the way they like it.

Thanks to Yamaha's new Voice & Style Expansion contents for the PSR, players can take advantage of a wide and ever-increasing selection of regional, ethnic and traditional Voices and Styles. Load them to your PSR and instantly play authentic sounds, rhythm and backing in the musical style of your choice! And the best part? Owners of the PSR-S650 and PSR-A2000 can download the bonus Expansion Pack over the Internet for free!

There's more to come, too. A wide variety of Voice/Style Expansion contents specific to various regions are scheduled for future release. All have been specially recorded and programmed by professional musicians in each region, and come with companion effect and other settings for optimum performance. Use the contents as they are for an authentic feel, or mix them with other Voices/Styles on your PSR and create your own unique, cutting-edge music. The possibilities are endless!





Installing Expansion Packs are exceptionally easy, and once loaded, their Voices and Styles can be selected and played in exactly the same way as the preset Voices and Styles. Additionally, they include all new waveforms/samples, recorded specifically for the Packs! Currently (as of summer, 2011), PSR instruments compatible with the Expansion Packs are the PSR-S650 and PSR-A2000.

How to install to the PSR-S650

- ❶ Connect a formatted USB flash memory to the USB TO DEVICE terminal, and then call up the FILE CONTROL display.
- ❷ Use the CATEGORY [◀] and [▶] buttons to select “Expansion Pack Installation.”
- ❸ Use the dial to select the Expansion Pack you want to install.
Press the [EXECUTE] button, and press it again to execute the installation.

When installation is completed, a message will appear prompting you to turn the power off and on again. Turn the power off, and then back on.

How to use Expansion Voices (or Styles)

- ❶ Press the [EXPANSION] button in the VOICE section (or STYLE section).
- ❷ Select the installed Voice, and then play the keyboard (or the selected Style).

Compatible instruments:



PSR-S650



PSR-A2000

How can I get the bonus Voices and Styles?

Simply go to the Yamaha website below, select your particular instrument, and download the free content. More bonus packs and commercially available content will be added as they're created, so be sure to check back!

For more information: <http://services.music.yamaha.com/vse>

Get rich piano sound in a compact, carry-anywhere package. The NP-31 gives you Yamaha's world-renowned piano tone and a full-sized 76-key keyboard—yet is ultra-portable, so you can play it anywhere you want!



NP-31

Features superior instrument sounds with an expressive Graded Soft Touch key action, plus an easy-to-use panel design with dedicated Voice-select buttons.

Slim, Light and Compact!

This versatile keyboard provides superbly realistic instrument Voices, including grand piano, organ and strings. It also features dynamic Styles for accompanying your performance, and provides a convenient Music Database for reconfiguring all settings, so you can instantly play in any musical style!



NP-V80

A wide variety of Voices and an enhanced speaker system with the Intelligent Arpeggiator and a USB-TO-DEVICE port.



NP-31S



NP-11



- 76-key (NP-31) and 61-key (NP-11) models with piano-style keyboard
- Graded Soft Touch Keyboard action (NP-31)
- Exceptionally realistic piano sound with AWM Stereo Sampling technology
- 10 Voices (including Electric Piano, Organ, Harpsichord, Strings and Vibraphone) with sound demos and 10 piano songs
- Full 32-note polyphony, for natural playing and sustained piano sound
- Intuitive, easy-access panel with dedicated buttons for each Voice
- Four types of Reverb effects
- Operates on battery power (6 AA batteries)
- New ECO (Energy Conservation Optimized) energy-saving feature automatically powers down when not in use (NP-31: Controllable Time; NP-11: On/Off)

piaggero



NP-V60

With more than meets the eye, this stunningly slim and lightweight piano is extremely versatile, thanks to 489 Voices and 160 Styles.



- 76-key Graded Soft Touch (non-weighted) action with the graded resistance of an acoustic piano
- A huge variety of instrument voices, 500 on V80 (489 Voices on V60) with 12 Drum/SFX kits
- 150 types of Arpeggio (NP-V80 ONLY) automatically generate more useful phrases that change depending on the notes and chords
- 165 (NP-V80) and 160 (NP-V60) preset accompaniment Styles
- Performance Assistant Technology (PAT) ensures every note is the right one. Interactive lesson features and 30 built-in songs help you learn how to play
- USB flash memory compatible (NP-V80)
- Slim and light body provides awesome portability
- Operates on battery power (6 AA batteries)

NP-V80



Authentic piano sound and feel, with wide variety of other instrument sounds and advanced functions

DGX-640W DGX-640C

- 88-key Graded Hammer Standard (GHS) Keyboard with matte-finish black keys
- Rich, highly expressive piano sounds and realistic instrument Voices
- Wide variety of 165 preset accompaniment Styles and 1 User Style File
- Authentic, super-expressive Sweet!, Cool! and Live! Voices, plus full XGlite sound set*
- Music Database: 305 song titles (plus more via expansion) for quick keyboard setups
- Easy Song Arranger function for creating your own Song/Style arrangements
- Convenient Music Notation Display and Performance Assistant Technology (P.A.T.) for beginning players
- Built-in music learning tools with Yamaha Education Suite (Y.E.S.)
- USB terminals for connection to computer and data storage



DGX-640C



Natural response and realistic piano sound with
wide variety of sounds and advanced functions

DGX-530

- 88-key piano-style touch sensitive keyboard
- Rich piano sounds and realistic instrument Voices
- 160 wide variety preset accompaniment styles and 1 User Style File
- Authentic, super-expressive Sweet!, Cool! and Live! Voices, plus full XGlite sound set *
- Music Database: 300 song titles for quick keyboard setups
- USB TO DEVICE terminal for data storage



DGX-530
Keyboard Stand included



DGX-640W
Keyboard Stand included
Pictured with optional LP-7A pedal unit



A wealth of realistic sounds, dynamic styles,
and sophisticated music-making features

DGX-230

- 76-key piano-style touch sensitive keyboard
- Rich piano sounds and realistic instrument Voices
- 160 wide variety preset accompaniment styles and 1 User Style File
- Super-expressive Sweet! and Cool! Voices *
- Built-in USB TO HOST terminal allows quick and easy computer connection
- Music Database: 300 song titles for quick keyboard setups

Keyboard Stand optional

Portable Grand™

* **Sweet!** These acoustic instrument sounds also benefit from Yamaha's sophisticated technology – and feature a sound so finely detailed and natural, you'll swear you're playing the real thing!
Cool! These voices capture the dynamic textures and subtle nuances of electric instruments – thanks to a huge amount of memory and some very sophisticated programming.

Live! These acoustic instrument sounds were sampled in stereo, to produce a truly authentic, rich sound – full of atmosphere and ambience.



Easy to use features that help make learning fun!

PSR-E333

- Naturally expressive 61-key keyboard with touch response
- Ultra Wide Stereo function instantly expands the stereo image for a more spacious, dynamic sound
- Newly enhanced sound quality with a total of 497 high-quality instrument Voices and 10 richly textured Dual Voices
- 106 accompaniment Styles and Music Database with 100 song titles for quick keyboard setups
- Special 2-track Easy Recording feature
- Convenient Portable Grand button for instantly recalling Yamaha's world-famous grand piano sound
- Comprehensive, newly enhanced Y.E.S. 6 (Yamaha Education Suite 6) interactive learning system for the 102 built-in songs plus special "Keys To Success" and "Phrase Lesson" components
- High-quality Reverb and Chorus effects
- Easy computer and Apple iPad (with Apple iPad Camera Connection Kit*¹) connectivity via the built-in USB terminal (TO HOST)
- Operates on battery power (6 AA batteries)
- Time adjustable ECO (Energy Conservation Optimized) energy-saving feature



Value-packed keyboard with interactive features

PSR-E233

- 61-key keyboard with a stylish cabinet and powerful built-in sound system
- Ultra Wide Stereo function instantly expands the stereo image for a more spacious, dynamic sound
- Newly enhanced sound quality with a total of 385 high-quality instrument Voices and 10 richly textured Dual Voices
- 100 accompaniment Styles
- Convenient Portable Grand button for instantly recalling Yamaha's world-famous grand piano sound
- Comprehensive, newly enhanced Y.E.S. 6 (Yamaha Education Suite 6) interactive learning system
- High-quality Reverb and Chorus effects
- Easy computer and Apple iPad (with Yamaha i-MX1*²) connectivity via the MIDI terminals
- ECO (Energy Conservation Optimized) energy-saving feature; also runs on battery power (6 AA batteries)

iPad connection interface

*1 For the PSR-E423 and PSR-E333 (which feature a USB TO HOST terminal), iPad and instruments can be connected via an Apple iPad Camera Connection Kit using a USB cable.

* Yamaha and Apple do not and cannot warrant the performance or results you may obtain by using the Apple iPad Camera Connection Kit with Yamaha digital musical instruments.

*2 For the PSR-E233 (which feature MIDI terminals), iPad and instruments can be connected via a Yamaha i-MX1 MIDI interface cable. For information on the i-MX1, refer to the Accessories page.

For information about applications visit www.yamaha.com/kbdapps





Creative, real-time controls shape your sound as you play

PSR-E423

- Naturally expressive 61-key touch response keyboard
- An impressive 700 high-quality instrument Voices and 174 accompaniment Styles
- Music Database: 305 song titles for quick keyboard setups
- Enhanced Arpeggio feature with 150 patterns—cool sounds and grooves that change with the notes and chords you play!
- Real time control with two assignable Control Knobs and Pitch Bend wheel
- 6-track sequencer for recording your own music
- USB and Flash ROM: download songs from the Internet
- Yamaha Education Suite (Y.E.S.) interactive learning system for the 30 built-in songs
- High-quality Reverb and Chorus effects
- Easy computer and Apple iPad (with Apple iPad Camera Connection Kit*) connectivity via the built-in USB terminal (TO HOST)



PSR-1425

Enjoy hot hindi music with lots of Indian sounds and rhythms

- 61-key touch response keyboard with over 514 Voices and 2-way speaker system
- Super-realistic Sweet! and Cool ! Voices
- 162 wide variety preset accompaniment Styles (including 12 Indian Styles), 1 User Style File, and 3 Indian Songs
- Arpeggio feature automatically generates chordbased phrases for instant inspiration
- 6-track sequencer for recording your performance
- Control knobs for real-time control
- Real-time pitch control with pitch bend wheel

This model is only available in some areas.

Indian Voices

Harmonium Single Reed	Chipri	Khartaal
Harmonium Double Reed	Daff	Khol
Harmonium Tripple Reed	Dafli	Khomakh
Sweet Star	Dandia	Madal
Sitar	Dhol	Manjira
Sarod	Dholak	Mondira
Tanpura	Dholki	Mridang
Tabla Tarang	Hateli	Mridungam
Tabla	Jhanji	Thavil
Chimta	Kanjira	Vocal Phrase

Indian Styles

Bollywood Mix 1	Tamil Folk
Bollywood Mix 2	Kerala Folk
Indian Pop	
Bhangra	
Boliyan	
Goan Pop	
Garba	
Rajsthani Folk	
Qawwali	
Bhajan	



PSR-A300

اوربیتال
Oriental Model

Enter a whole new dynamic world of Oriental music

- 61 regular-sized touch sensitive keys and 32-note polyphony
- Total of 523 high-quality instrument Voices (108 panel Voices, 41 Arabic & Oriental Voices, 361 XGlite Voices, 12 Drum Kits and Sound Effect Kit)
- Variety of 135 accompaniment Styles (including 83 Arabic & Oriental Styles)
- Special two-track Easy Recording feature lets you record and save up to five of your original songs—great for composing and practice purposes
- New Yamaha Education Suite 5 (Y.E.S. 5) features make learning and practicing music easier and more fun than ever before
- 35 built-in songs (including 5 Arabic & Oriental Songs)—for easy learning with the Y.E.S. 5 System

This model is only available in some areas.

Oriental Voices

1 Oud	19 Kamanche
2 Nay	20 Awtar/Tremolo
3 Kawala	21 Gerba
4 Kanoun	22 Gerba Chorus
5 Saz	23 Dosaleh
6 Oud Tremolo	24 Mijwez
7 Surnay	25 Mizmar
8 Bouzouki	26 Mizmar Oct.
9 Santoor	27 Al Badou
10 Rababa	28 Argoul
11 Bouzouk	29 Solo 1
12 Nay Takasim	30 Solo 2
13 Kanoun Oct.	31 Accordion
14 Baglamas	32 Watariyat 1
15 Awtar	33 Watariyat 2
16 Sorna	34 Pizzicato
17 Tar	35 Brass
18 Santuri	

Oriental Percussion Voices

Arabic Perc. Kit	Khaligi Perc. Kit
Arabic Hand Clap	Arabic Hand Clap
Daholla	Khaligi Clap
Katam	Khaligi Bongo
Khaligi Clap	Lewa Cymbal
Neghareh	Manjoor
Riq	Merwas
Sagat	Nagara
Tabel	Tabel
Tablah	Tablah
Tombak	Tar
Zalgouta	Twasat
Zarb	Yahla
	Zeer

Iranian Perc. Kit

Clap
Daf
Dayereh
Finger Snap
Kurdish Dohol
Lurish Dohol
Neghareh
Tombak
Zarb

Styles List

Arabic Styles	Khaligi Styles	Iranian Styles
Saeidy 1	Khaligi Rhumba	Bandari Dance
Saeidy 2	Shakshaka	Tehrani
Maksoum	Khebaiti	Azari 1
Karachi	Emarati	Kurdish 1
Laff	Muruba	Gilaki
Baladi	Bastah	Afghani
Ayoub	Dazzah	Tehrani
Maksoum Sarih	Sharah	Lezgi
Katakoutti	Seeroos	Reng
6-8 Soudassi	Al Budoor	Avaz
Ibrahimi	Wahdea	Asouri
Zaffah	Samri	Reng Traditional
Haja	Mathoalath	Reng Orch
Khaligi	Ashori	Bandari
Rumba	Liwa	Azari 2
Wehda Kabira	Tanborah	Kurdish 2
Wehda Saghira	Sout	Kurdish 3
Wehda	Adani	
Saeidy/Dance	Maghrebi	Greek & Turkish Styles
Laff Dance	Ray 1	2-4 Oyun Havasi
Karachi Dance	Ray 2	Arap Oryantal
Jerk	Ray 3	Ciftetelli
Masmoudi Kabir	Khammari	Vahde
10-8 Samal		Zeibekikos
		Tsifteteli
		Syrto Rumba
		Hasapiko
		Hasaposerviko
		5-8 Oyun Havasi
		7-8 Oyun Havasi
		Misket
		9-8 Standart
		Kalamatianos
		Tsamikos
		Karsilamas
		Halay
		Azeri-Kafkas
		5-8 Greek





30
Russian
hits
included

Маэстро	Девочка синеглазая	Теплоход
Миллион алых роз	Снегопад	Есть только миг
Надо же	Журавли	Где же ты была
Дорогие мои старики	Темная ночь	АРГО
Листья жёлтые	Шаланды	Королева красоты
Вологда	Городские цветы	Чёрный кот
На два дня	Вернисаж	Вся жизнь впереди
Снег кружится	Малиновка	Птица счастья
Синий иней	Букет	Музыкант
Наш сосед	Россия	Прощай

Клавишный синтезатор PSR-R300

Russian model PSR-R300 30 Russian hits included

- 61-key touch response keyboard that features a backlit LCD screen for easy viewing
- Total of 482 high-quality instrument Voices and 106 accompaniment styles
- Music Database: 100 song titles for quick keyboard setups
- Special 2-track Easy Recording feature
- Portable Grand button lets you instantly call up Yamaha's world-famous grand piano sound
- Yamaha Education Suite (Y.E.S.) interactive learning system for 100 built-in songs

This model is only available in some areas.



60
Vietnamese
songs
included

BẢN NHẠC VIỆT NAM

001	CÂY TRÚC XINH
002	TÌNH CA
003	VIỆT NAM QUÊ HƯƠNG TÔI
004	TÓC GIÒ THỜI BAY
005	LÀNG TÔI
006	HÀ NỘI MÙA VÀNG NHƯNG CÒN MƯA
007	ƯỚC GI
008	ĐẤT NƯỚC
009	CÂY BÀN SINH VIÊN
010	HÀ NỘI PHỐ

BẢN NHẠC HỌC SINH 1

011	QUÊ HƯƠNG TƯƠI ĐẸP
012	MỐI BẠN VUI MÙA CA
013	TÌM BẠN THÂN
014	LÝ CÂY XANH
015	ĐÀN GÀ CON
016	SÁP ĐẾN TẾT RỜI
017	BẦU TRỜI XANH
018	TẬP TÂM VÒNG
019	QUẢ
020	HÒA BÌNH CHO BÉ
021	ĐI TỚI TRƯỜNG
022	NĂM NGÓN TAY NGOAN

BẢN NHẠC HỌC SINH 2

023	THẬT LÀ HAY
024	XOÈ HOA
025	MÙA VUI
026	CHÚC MỪNG SINH NHẬT
027	CÓC CÁCH TÙNG CHENG
028	CHIẾN SĨ TÍ HON
029	HOA LÁ MÙA XUÂN
030	CHÚ CHIM NHỎ DỄ THƯƠNG
031	CHIM CHÍCH BÔNG
032	CHÚ ÉCH CON
033	BẮC KIM THANH

BẢN NHẠC HỌC SINH 3

034	QUỐC CA
035	BÀI CA ĐỊ HỌC
036	ĐÊM SAO
037	GÀ GÁY
038	LỚP CHÚNG TA ĐOÀN KẾT
039	CƠN CHIM NON
040	NGÀY MÙA VUI
041	EM YÊU TRƯỜNG EM

BẢN NHẠC HỌC SINH 3

042	CÙNG MÙA HÁT DƯỚI TRĂNG
043	CHI ONG NẤU VÀ EM BÈ
044	TIẾNG HÁT BAN BÈ MINH

BẢN NHẠC HỌC SINH 4

045	EM YÊU HOÀ BÌNH
046	BẠN ƠI LÃNG NGHE
047	TRÊN NGỰA TA PHI NHANH
048	CÒ LA
049	BẢN TAY ME
050	CHIM SÀO
051	CHÚ VOI CON Ở BÀN ĐÓN
052	THIỆU NHI THẾ GIỚI LIÊN HOAN

BẢN NHẠC HỌC SINH 5

053	REO VANG BÌNH MINH
054	HÃY GIỮ CHO EM BẦU TRỜI XANH
055	CƠN CHIM HAY HÓT
056	NHỮNG BÔNG HOA NHỮNG BÀI CA
057	ƯỚC MƠ
058	HÁT MỪNG
059	TRE NGÀ BÊN LÃNG BÁC
060	EM VẦN NHỚ TRƯỜNG XƯA

PSR-VN300

Vietnamese model PSR-VN300 60 Vietnamese songs included — This is really the best match for your music class

- 61-key touch response keyboard that features a backlit LCD screen for easy viewing
- Total of 482 high-quality instrument Voices and 106 accompaniment styles
- Music Database: 100 song titles for quick keyboard setups
- Special 2-track Easy Recording feature
- Portable Grand button lets you instantly call up Yamaha's world-famous grand piano sound
- Yamaha Education Suite (Y.E.S.) interactive learning system for 100 built-in songs

This model is only available in some areas.

Ultra-portable, highly versatile Digital Percussion



DD-45



Includes wooden sticks

DD-45

- Four touch-sensitive drum pads, plus foot pedal input
- 50 programmed drum kits, plus memory space for custom kit
- Wide variety of percussion sounds from all over the world
- Connect portable music player (MP3, CD, etc.) to AUX IN jack, and play along with your favorite music
- Magic Tom feature lets you perform multi-tom fills just by hitting a single pad—While the rhythm keeps playing!



Includes wooden sticks and two pedals

DD-65

- Eight touch sensitive drum pads plus two foot pedals
- Wide variety of percussion sounds from all over the world
- Connect CD, MD, or MP3 player to AUX IN jack, and play along with your favorite music
- Load MIDI songs from the Internet via optional USB-MIDI interface, and play along
- Flash ROM memory



Models		DD-45	DD-65
Pad	Number of Pads	4	8
	Touch Response	Yes	Yes
Voices	Maximum Polyphony	32	32
	Number of Voices	99	254 Drum Voices + 25 Phrases
	Number of Drum Kits	50 Preset + 1 Custom	50 Preset + 3 Custom
	Number of Magic Tom Patterns	10	–
Effects	Reverb	Yes (Fixed with preset voices)	Yes
	Equalizer	–	Master EQ On/Off
Songs	Number of Preset Songs	50 Patterns	100
	Recording	–	5 Songs, 4 Tracks each
Lesson		Minus one/Tempo with 50 Patterns	Minus one/Tempo with Preset Songs
Functions	Tempo Range	11 – 280	11 – 320
	Miscellaneous	Auto Power Off, Tap Start, Part Mute	Hand Percussion On/Off, Track On/Off, Tap Start, Pad Start, Break, A-B Repeat, Demo
Storage		–	Internal Flash Memory: 350KB
Compatibility		–	XGlite/GM
Connection	MIDI	–	IN, OUT
	AUDIO IN/OUT	PHONES/OUTPUT AUX IN (Mini Plug)	PHONES/OUTPUT AUX IN (Mini Plug-1/8")
	Foot Pedal	Bass drum (option)	Hi-hat, Bass drum (included)
Speakers		12cm	8cm x 2
Amplifiers		5W	5W x 2
Size		W: 343mm	W: 602mm
		D: 325.9mm	D: 411mm
		H: 146.1mm	H: 180mm
Weight		1.5 kg	4.5 kg

Accessories



PA-130A / PA-3C
POWER ADAPTOR



PA-150A / PA-5D
POWER ADAPTOR



UX16
USB-MIDI Interface

Easily and directly connects your computer and MIDI instrument

Controls all MIDI channels — 16 in/16 out

Compatible with all major operating systems:
Windows 7, Windows Vista, Windows XP,
Windows 2000 and Mac OS 8.6 – 9.2.2, OS X
10.4 – 10.6

Data indicator lets you check operation status

Powered by the USB connection

Exceptionally easy, true Plug-and-Play
installation



FC4
FOOT SWITCH



FC5
FOOT SWITCH



FC7
FOOT CONTROLLER



TRS-MS04
OPTION SPEAKER



L-7S
KEYBOARD STAND



L-2C
KEYBOARD STAND



HPE-150
HEADPHONES



i-MX1
MIDI INTERFACE
FOR iPhone/iPod touch/iPad

MODEL	POWER ADAPTOR			KEYBOARD STAND		FOOT SWITCH	FOOT CONTROLLER		OPTION SPEAKER	USB-MIDI INTERFACE	MIDI INTERFACE CABLE FOR iPhone/iPod touch/iPad
	PA-3C/PA-130A	PA-5D/PA-150A	PA-300B/300C	L-2C	L-7S	FC4/5	FC7	MFC10	TRS-MS04	UX16	i-MX1
Tyros4					✓	✓	✓	✓	✓	✓	✓
PSR-S910			✓		✓	✓	✓			✓	✓
PSR-S710			✓		✓	✓	✓			✓	✓
PSR-A2000			✓		✓	✓	✓			✓	✓
PSR-S650			✓		✓	✓	✓				✓
NP-V80 *1		✓		✓		✓					
NP-V60		✓		✓		✓					
NP-31/S		✓		✓		✓				✓	✓
NP-11	✓			✓		✓				✓	✓
DGX-640W/C *2		✓									
DGX-530 *2		✓									
DGX-230		✓				✓					
PSR-E423	✓			✓		✓					
PSR-E333	✓			✓		✓					
PSR-E233	✓			✓		✓				✓	✓
PSR-I425	✓			✓		✓					
PSR-A300	✓			✓		✓				✓	✓
PSR-R300	✓			✓		✓				✓	✓
PSR-R200	✓			✓		✓				✓	✓
PSR-VN300	✓			✓		✓				✓	✓
DD-45	✓					✓					
DD-65 *3		✓								✓	✓

*1 Pedal SW bundled

*2 Custom Stand & Footswitch included

*3 Two assignable foot pedals included



Data Storage

USB Connection

Two different types of USB terminals are provided.

USB TO HOST

Connect a computer to the USB TO HOST terminal for data transfer and MIDI recording between the instrument and the computer.

USB TO DEVICE

Connect a USB storage device to this terminal for saving and loading your important data.

*For details about compatible USB devices, refer to the Yamaha website.



Online

Take your music
play and enjoy n
and see just how

Play

Play with S

Bring a full band
solo performance
beats, fills, bass li
accompaniments
expression to you
you play like a p

PREMIER
STYLE

Compatible Models:
Tyros4, PSR-S910/S710/A2

Learn

Take Lesson

A Yamaha instru
learning tool, off
exciting and easy
music. Even if yo
before, interacti
functions and on
have you playing

YAMAHA PRESENTS
PASSPORT
TO Music



UX16

USB-MIDI Interface

Directly connects your computer to your instrument

16 in/16 out MIDI channels

Compatible with all major operating systems: Windows Vista, Windows XP, Mac OS 10.5 and Mac OS 8.6 - 9.2.2, OS X

Allows you to check operation status

via the USB connection

Easy, true Plug-and-Play



UX16
USB-MIDI
INTERFACE
for iPod touch/iPad

MIDI INTERFACE	MIDI INTERFACE CABLE FOR iPhone/iPod touch/iPad
	i-MX1
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓

Online services

Take your music to the next level! With a Yamaha instrument and Online Services, you can learn, play and enjoy music in ways you never thought possible. Visit us at services.music.yamaha.com and see just how far you can expand your musical horizons.

Play

Play with Styles

Bring a full band sound to your solo performances—easy to control beats, fills, bass lines, and harmony accompaniments add depth and expression to your songs and help you play like a pro.



Compatible Models:
Tyros4, PSR-S910/S710/A2000

Play Right Away

Trying to set up your keyboard to play a particular song? Song "Records" make it easy, with perfect voice and Style setups for an authentic rendition of any popular song.



Compatible Models:
Tyros4, PSR-S910/S710

Play with Songs

Discover new ways to play with Yamaha song downloads. You can mute parts or create new ones, change instrument voicings, adjust volumes, tempos, keys, and more—play along however you want.



Learn

Take Lessons

A Yamaha instrument is a great learning tool, offering many new, exciting and easy ways to learn music. Even if you've never played before, interactive instrument functions and online lessons will have you playing in no time.



Listen

Listen to Radio

Imagine your favorite artists performing in your home! Get 24 hour access to over a dozen channels of high quality piano music that play directly through your instrument for a unique listening experience.



Compatible Models:
Tyros4, PSR-S910/S710

Listen to Songs

Open up your ears to a new way to listen to music—classic, professional interpretations of the world's greatest songs, played with the famous Yamaha piano sound.



Compatible Models:
Tyros4, PSR-S910/S710/A2000/S650

services.music.yamaha.com



Digital Workstation

Models		Tyros4	PSR-S910	PSR-S710	PSR-A2000	PSR-S650
						
Keys		61 (FSX)	61 (Organ Style)	61 (Organ Style)	61 (Organ Style)	61 (Organ Style)
Touch Response		Yes	Yes	Yes	Yes	Yes
After Touch		Yes	–	–	–	–
Polyphony		128	128	128	128	64
Tone Generation	Voices	Voice x 993 XG x 480 Drum/SFX kit x 44 GM2 x 256 GS	Voice x 678 XG x 480 Drum/SFX kit x 28 GM2 GS	Voice x 387 XG x 480 Drum/SFX kit x 24 GM2 GS	Voice x 565 XG x 480 Drum/SFX kit x 33 GM2 GS	Voice x 357 XG x 480 Drum/SFX kit x 28 GM2 GS
	Featured Voices	Super Articulation 2 Voice x 15 Super Articulation Voice x 164 MegaVoice x 43 Sweet! Voice x 30 Cool! Voice x 71 Live! Voice x 101 Drums x 44 Organ Flutes! x 30	Super Articulation Voice x 38 Mega Voice x 18 Sweet! Voice x 24 Cool! Voice x 46 Live! Voice x 29 Organ Flutes! x 10	Mega Voice x 15 Sweet! Voice x 23 Cool! Voice x 33 Live! Voice x 19 Organ Flutes! x 10	Mega Voice x 15 Sweet! Voice x 23 Cool! Voice x 33 Live! Voice x 19 Organ Flutes! x 10 Middle Eastern Voice x 43	Mega Voice x 9 Sweet! Voice x 12 Cool! Voice x 22 Live! Voice x 18
Effects	Block	Reverb Chorus DSP x 9 Vocal Effect	Reverb Chorus DSP x 4 (incl. MIC)	Reverb Chorus DSP x 4	Reverb Chorus DSP x 4	Reverb Chorus DSP x 1
	Equalizer	Master EQ Master Compressor Part EQ x 29	Master EQ Part EQ x 28	Master EQ Part EQ x 28	Master EQ Part EQ x 28	Master EQ
	MIC Effect	Vocal Harmony 2 (3-part harmony, dedicated DSP block and Synth Vocoder), EQ, Noise Gate and Compressor	Vocal Harmony (3-part harmony), EQ, Noise Gate and Compressor	–	–	–
Accompaniment Style	Preset	500	322	232	351 Incl. 146 Middle Eastern Style	181
	User	Yes (unlimited) *1	Yes (unlimited) *1	Yes (unlimited) *1	Yes (unlimited) *1	Yes
Additional Features	USB Audio Recorder	Yes	Yes	Yes	Yes	–
	One Touch Settings	Yes	Yes	Yes	Yes	Yes
	Super Articulation 2 Style	Yes	–	–	–	–
	MegaVoice Style	Yes	Yes	Yes	Yes	Yes
	Style Creator	Yes	Yes	Yes	Yes	Yes
	Expansion Pack Voice & Styles	–	–	–	Yes	Yes
Song	Preset	5	5	5	5	9
	On-board Recorder	16-Track	16-Track	16-Track	16-Track	16-Track
Multi Pad	Preset Bank	4 Pads x 164 Banks	4 Pads x 123 Banks	4 Pads x 103 Banks	4 Pads x 135 Banks	–
	User Bank	Yes (unlimited) *1	Yes (unlimited) *1	Yes (unlimited) *1	Yes (unlimited) *1	–
Performance Assistant Technology		Yes	Yes	Yes	Yes	–
Display	Type	640 x 480 dots Full Dot TFT LCD	TFT Color QVGA LCD	320 x 240 dots QVGA B/W LCD	320 x 240 dots QVGA B/W LCD	320 x 240 dots QVGA B/W LCD
	Score	Yes	Yes	Yes	Yes	Yes
	Lyrics	Yes	Yes	Yes	Yes	Yes
Music Finder/Music Data base		Yes	Yes	Yes	Yes	Yes
Registration Memory		8 x unlimited banks	8 x unlimited banks	8 x unlimited banks	8 x unlimited banks	8 x 8 banks
Control	Pitchbend	Yes	Yes	Yes	–	Yes
	Modulation	Yes	Yes	Yes	–	–
	Joystick	–	–	–	Yes	–
Internet Direct Connection		Yes	Yes	Yes	–	–
Storage Device		Internal Flash Memory: 6 MB HDD (internal) External Drives *2 (optional)	Internal Flash Memory: 2.4 MB External Drives *2 (optional)	Internal Flash Memory: 1.4 MB External Drives *2 (optional)	Internal Flash Memory: 3.4 MB External Drives *2 (optional)	Internal Flash Memory: 1,130 KB External Drives *2 (optional)
Compatibility		GM/GM2/XG/XF/GS/SFF/SFF GE	GM/GM2/XG/XF/GS/SFF/SFF GE	GM/GM2/XG/XF/GS/SFF/SFF GE	GM/GM2/XG/XF/GS/SFF/SFF GE	GM/GM2/XG/XF/GS/SFF/SFF GE
Connection	LAN Port	Yes	Yes	Yes	–	–
	USB TO DEVICE	Yes	Yes	Yes	Yes	Yes
	USB TO HOST	Yes	Yes	Yes	Yes	Yes
	MIDI	IN x 2, OUT x 2	IN, OUT	IN, OUT	IN, OUT	– *4
	VIDEO OUT	RGB and Video Out	Yes	–	–	–
	AUDIO IN/OUT	OUTPUT X 4 LOOP SEND/AUX OUT: SELECTABLE TO SPEAKER SYSTEM PHONES LOOP RETURN/AUX IN	OUTPUT (L/L+R, R) AUX IN (L/L+R, R) MIC/LINE IN	OUTPUT (L/L+R, R) AUX IN (L/L+R, R)	OUTPUT (L/L+R, R) AUX IN (L/L+R, R)	PHONES/OUTPUT
FOOT PEDAL	Switch or Volume x 3 (optional)	Switch or Volume x 2 (optional)	Switch or Volume x 2 (optional)	Switch or Volume x 2 (optional)	Switch Sustain (optional)	
Speakers		TRS-MS04 (optional)	[12cm + 4cm (dome)] x 2	(12cm + 5cm) x 2	(12cm + 5cm) x 2	(12cm + 3cm) x 2
Amplifiers		–	12W x 2	12W x 2	12W x 2	12W x 2
Dimensions (WxDxH)		1140 x 450 x 143 mm	1003 x 433 x 148 mm	1003 x 433 x 148 mm	1003 x 433 x 148 mm	946 x 405 x 137 mm
Weight		14.5 kg	11 kg	10 kg	11 Kg	7.3 kg

*1 Because the file is saved to User Drive, CARD or USB devices FD or HD, the maximum number is limited according to the capacity of the drive and the maximum number of files & folders in a folder.

*2 FDD, USB Flash Memory etc. For details, please contact your nearest Yamaha representative.

*3 The Yamaha Education Suite (Y.E.S.) is a set of learning tools that utilize the latest technology to make studying and practicing music more fun and fulfilling than ever before.

Piaggero

Models		NP-V80	NP-V60	NP-31/S	NP-11
					
Keys		76 (Graded Soft Touch)	76 (Graded Soft Touch)	76 (Graded Soft Touch)	61 (Piano Style)
Touch Response		Yes	Yes	Yes	Yes
Polyphony		32	32	32	32
Tone Generation	Voices	Voice x 127 XGlite x 361 Drum/SFX Kit x 12	Voice x 116 XGlite x 361 Drum/SFX Kit x 12	Voice x 10	Voice x 10
	Featured Voices	Sweet! Voice x 8 Cool! Voice x 5 Live! Voice x 3	Sweet! Voice x 5 Cool! Voice x 3	-	-
Effects	Block	Reverb Chorus Harmony	Reverb Chorus Harmony	Reverb	Reverb
	Equalizer	Master EQ x 5	Master EQ x 5	-	-
Accompaniment Style	Preset	165	160	-	-
	User	Yes	Yes	-	-
Additional Features		Arpeggio One Touch Setting	One Touch Setting	-	-
Song	Preset	30 + Song x 70 (CD-ROM)	30 + Song x 70 (CD-ROM)	20	20
	On-board Recorder	6-Track 5-Song	6-Track 5-Song	-	-
Lesson		Y.E.S.*3	Y.E.S.*3	-	-
Performance Assistant Technology		Yes	Yes	-	-
Easy Song Arranger		Yes	Yes	-	-
Music Finder/Music Data base		Yes (Music Database)	Yes (Music Database)	-	-
Registration Memory		4 x 8 banks	4 x 8 banks	-	-
Pitchbend wheel		Yes	Yes	-	-
Storage Device		Internal Flash Memory: 1.8 MB	Internal Flash Memory: 1.8 MB	-	-
Compatibility		XGlite/GM/SFF	XGlite/GM/SFF	-	-
Connection	USB TO DEVICE	Yes	-	-	-
	USB TO HOST	Yes	Yes	-	-
	MIDI	-*4	-*4	IN, OUT	IN, OUT
	AUDIO IN/OUT	PHONES/OUTPUT	PHONES/OUTPUT	PHONES/OUTPUT	PHONES/OUTPUT
Speakers		Sustain (Included) (12cm x 6cm + 5cm) x 2	Sustain (optional) (12cm + 6cm) x 2	Sustain (optional) (12cm + 6cm) x 2	Sustain (optional) (12cm + 6cm) x 2
Amplifiers		6W x 2	6W x 2	6W x 2	2.5W x 2
Dimensions (WxDxH)		1264 x 312 x 111 mm	1228 x 312 x 111 mm	1244 x 259 x 105 mm	1036 x 259 x 105 mm
Weight *5		7.1 kg	6.3 kg	5.7 kg	4.5 kg

Portable Grand

Models		DGX-640W/C	DGX-530	DGX-230
				
Keys		88 (Graded Soft Touch)	88 (Box Type)	76 (Box Type)
Touch Response		Yes	Yes	Yes
Polyphony		64	32	32
Tone Generation	Voices	Voice x 142 XGlite x 381 Drum/SFX Kit x 12	Voice x 127 XGlite x 361 Drum/SFX Kit x 12	Voice x 116 XGlite x 361 Drum/SFX Kit x 12
	Featured Voices	Sweet! Voice x 8 Cool! Voice x 7 Live! Voice x 9	Sweet! Voice x 8 Cool! Voice x 5 Live! Voice x 3	Sweet! Voice x 5 Cool! Voice x 3
Effects	Block	Reverb Chorus DSP Harmony	Reverb Chorus	Reverb Chorus
	Equalizer	Master EQ x 5	Master EQ x 5	Master EQ x 5
Accompaniment Style	Preset	165	160	160
	User	Yes	Yes	Yes
Additional Features		One Touch Setting	One Touch Setting	One Touch Setting
Song	Preset	30 + Song x 70 (CD-ROM)	30 + Song x 70 (CD-ROM)	30 + Song x 70 (CD-ROM)
	On-board Recorder	6-Track 5-Song	6-Track 5-Song	6-Track 5-Song
Lesson		Y.E.S.*3	Y.E.S.*3	Y.E.S.*3
Performance Assistant Technology		Yes	Yes	Yes
Easy Song Arranger		Yes	Yes	Yes
Music Finder/Music Data base		Yes (Music Database)	Yes (Music Database)	Yes (Music Database)
Registration Memory		4 x 8 banks	2 x 8 banks	2 x 8 banks
Pitchbend wheel		Yes	Yes	Yes
Storage Device		Internal Flash Memory: 1.8 MB	Internal Flash Memory: 875 KB External Drives*2 (optional)	Internal Flash Memory: 373 KB
Compatibility		XGlite/GM/SFF	XGlite/GM/XF/SFF	XGlite/GM/SFF
Connection	USB TO DEVICE	Yes	Yes	-
	USB TO HOST	Yes	Yes	Yes
	MIDI	-*4	-*4	-*4
	AUDIO IN/OUT	PHONES/OUTPUT	PHONES/OUTPUT	PHONES/OUTPUT
Speakers		Sustain (optional) (12cm + 3cm) x 2	Switch (FC5) (12cm + 3cm) x 2	Switch (optional) (12cm + 3cm) x 2
Amplifiers		6W x 2	6W x 2	6W x 2
Dimensions (WxDxH)		1399 x 445 x 761 mm (with keyboard stand)	1354 x 485 x 775 mm (with keyboard stand)	1178 x 412 x 137 mm
Weight *5		20.7 kg (with keyboard stand: 27.7 kg)	11.0 kg (with keyboard stand: 17.0 kg)	8.3 kg

*4 MIDI is supported via the USB TO HOST terminal.
*5 Not including batteries.

• Specifications and appearance are subject to change without prior notice. Availability of models may vary from country to country.
• All trademarks and registered trademarks are the property of their respective owners.

Digital Keyboard

Models		PSR-E423	PSR-E333	PSR-E233
				
Keys		61 (Organ Style)	61 (Organ Style)	61 (Organ Style)
Touch Response		Yes	Yes	–
Polyphony		32	32	32
Tone Generation	Voices	Voice x 183 XGlite x 462 Drum/SFX kit x 15 Arpeggio Voice x 40	Voice x 140 (Include 5 Chinese Voices) XGlite x 344 Drum/SFX/SE kit x 13	Stereo Grand Piano x 1 XGlite x 371 Drum/SFX/SE kit x 13
	Featured Voices	Sweet! Voice x 5 Cool! Voice x 3	–	–
Effects	Block	Reverb Chorus Harmony	Reverb Chorus Harmony	Reverb Chorus
	Equalizer	Master EQ x 5	–	–
Accompaniment Style	Preset	174	106	100
	User	Yes	Yes	–
Additional Features		Control Knob x 2 Arpeggio One Touch Setting	One Touch Setting	One Touch Setting
Song	Preset	30 + Song x 70 (CD-ROM)	102	102
	On-board Recorder	6-Track 5-Song	2-Track 5-Song	–
Lesson		Y.E.S. *3	Y.E.S. *3 KEYS TO SUCCESS	Y.E.S. *3
Performance Assistant Technology		Yes	–	–
Easy Song Arranger		Yes	–	–
Music Finder/Music Data base		Yes (Music Database)	Yes (Music Database)	–
Registration Memory		2 x 8 banks	–	–
Pitchbend wheel		Yes	–	–
Storage Device		Internal Flash Memory: 1.8 MB	Internal Flash Memory: 1.7 MB	–
Compatibility		XGlite/GM/SFF	XGlite/GM/SFF	XGlite/GM
Connection	USB TO HOST	Yes	Yes	–
	MIDI	–*4	–	IN, OUT
	AUDIO IN/OUT	PHONES/OUTPUT	PHONES/OUTPUT	PHONES/OUTPUT
	FOOT PEDAL	Sustain (optional)	Sustain (optional)	Sustain (optional)
Speakers		(12cm + 3cm) x 2	12cm x 2	12cm x 2
Amplifiers		2.5W x 2	2.5W x 2	2.5W x 2
Dimensions (WxDxH)		946 x 402 x 136 mm	945 x 369 x 132 mm	945 x 348 x 118 mm
Weight^{*5}		7.0 kg	4.9 kg	4.5 kg

Models		PSR-I425	PSR-A300	PSR-R300	PSR-R200	PSR-VN300
						
Keys		61 (Organ Style)	61 (Organ Style)	61 (Organ Style)	61 (Organ Style)	61 (Organ Style)
Touch Response		Yes	Yes	Yes	–	Yes
Polyphony		32	32	32	32	32
Tone Generation	Voices	Voice x 116 XGlite x 361 Indian Voice x 10 Drum/SFX Kit x 12 Arpeggio Voice x 40	Voice x 143 XGlite x 361 Drum/SFX Kit x 19	Voice x 108 XGlite x 361 Drum/SFX Kit x 13	Stereo Grand Piano x 1 GM x 128 Drum/SE Kit x 5	Voice x 108 XGlite x 361 Drum/SFX Kit x 13
	Featured Voices	Sweet! Voice x 5 Cool! Voice x 3	Oriental Voice x 35 Oriental Percussion x 6	–	–	–
Effects	Block	Reverb Chorus	Reverb Chorus	Reverb Chorus	Reverb	Reverb Chorus
	Equalizer	Master EQ x 5	–	–	–	–
Accompaniment Style	Preset	162	135	106	100	106
	User	Yes	–	Yes	–	Yes
Additional Features		Control Knob x 2 Arpeggio One Touch Setting	One Touch Setting Scale Tune Buttons	One Touch Setting	One Touch Setting	One Touch Setting
Song	Preset	30 + Song x 70 (CD-ROM)	35	30 Russian songs + 72 world favorite songs	102	50 Vietnamese songs + 50 world favorite songs
	On-board Recorder	6-Track 5-Song	2-Track 5-Song	2-Track 5-Song	–	2-Track 5-Song
Lesson		Y.E.S. *3	Y.E.S. *3	Y.E.S. *3	Y.E.S. *3	Y.E.S. *3
Performance Assistant Technology		Yes	–	–	–	–
Easy Song Arranger		Yes	–	–	–	–
Music Finder/Music Data base		Yes (Music Database)	–	Yes (Music Database)	–	Yes (Music Database)
Registration Memory		2 x 8 banks	–	–	–	–
Pitchbend wheel		Yes	Yes	–	–	–
Storage Device		Internal Flash Memory: 373 KB	Internal Flash Memory: 373 KB	Internal Flash Memory: 373 KB	–	Internal Flash Memory: 373 KB
Compatibility		XGlite/GM/SFF	XGlite/GM	XGlite/GM/SFF	GM	XGlite/GM/SFF
Connection	USB TO HOST	Yes	–	–	–	–
	MIDI	–*4	–	–	–	–
	AUDIO IN/OUT	PHONES/OUTPUT	PHONES/OUTPUT	PHONES/OUTPUT	PHONES/OUTPUT	PHONES/OUTPUT
	FOOT PEDAL	Sustain (optional)	Sustain (optional)	Sustain (optional)	Sustain (optional)	Sustain (optional)
Speakers		(12cm + 3cm) x 2	12cm x 2	12cm x 2	12cm x 2	12cm x 2
Amplifiers		2.5W x 2	2.5W x 2	2.5W x 2	2.5W x 2	2.5W x 2
Dimensions (WxDxH)		952 x 388 x 146 mm	945 x 370 x 128 mm	945 x 370 x 128 mm	945 x 348 x 110 mm	945 x 370 x 128 mm
Weight^{*5}		7.0 kg	5.1 kg	4.9 kg	4.4 kg	4.5 kg

For details please contact:

