



ARRANGER WORKSTATIONS 2018

Genos

PSR-*S670*

PSR-*S775*

PSR-*S975*

PSR-A3000



Genos

TAKE CONTROL OF YOUR MUSIC

Welcome to a new world of Digital Workstation. Genos is the new benchmark in Digital Workstation sound, design and user experience. Whether in a recording studio, on stage, or at home, Genos will inspire and intensify your musical creation and performance.





The best sound quality ever on a Digital Workstation

Powered by specially developed Yamaha technology, the sonic quality of every Voice in Genos is beyond any other Digital Workstation you've ever played. Everything you hear, whether it be the beautiful CFX piano, the lush Kino Strings or the punchy Revo Drums, Genos will blow you away!

Transform great ideas into reality

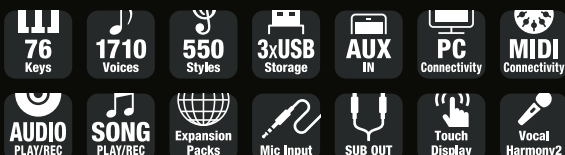
Start with the original idea for a song, then pick a Voice and Style of your choice. Work out the arrangement and capture it as a MIDI song. Then, overdub some sounds to create your demo or even your finished track.

Seamless performance and never ending music

Playlist is a new function which can quickly setup Genos, no matter how large your repertoire is. Organise your Registration Memories into convenient Playlists for instant access during your performance. Whilst performing, you can even cross fade between two audio files with the new dual player. This dual player can play back two audio files (or one audio file and one MIDI file) simultaneously and make smooth transitions between them.

Genos

DELIVER YOUR BEST PERFORMANCE



FEATURES

Content

Whether you create or perform music, you need great sounds and features. Genos features a diverse library of content, starting from 1,710 instrument sound, 550 backing patterns, 216 arpeggios and more.

– Revo!Drum/SFX Kits

Yamaha's unique Revo!Drum technology recreates the most authentic sound of drum kits and percussion ever. No two consecutive drum or cymbal hits ever sound the same twice, even when playing the same key multiple times the sound is always subtly different, making it incredibly natural and realistic.

Expand your music

Continually expand the onboard content of your Genos by creating and installing your own custom or purchased Packs. The scope of possibilities for new sounds and styles is virtually unlimited.

– Integrated flash memory

Genos includes 1.8GB of user flash memory with high speed reading/writing for your own.

Vocal Harmony & Synth Vocoder

Whether singing with the support of backing vocalists, or creating new and unique synthesized vocal sounds, Genos can automatically apply various Vocal Harmony effects to your voice as you sing. Additionally the Synth Vocoder can craft the unique characteristics of your voice onto synthesized or sound elements.

Effects

From reverbs to distortions, rotary speakers to compressors, Genos boasts unprecedented DSP power. Using the same VCM technology as Yamaha's professional high-end mixing consoles, Genos has the

tools to create the perfect sound. Not only do the effects sound great, they look great too—with stunning graphical interfaces.

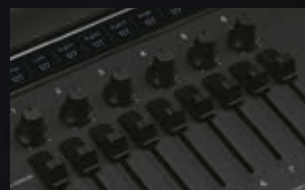


Intuitive and fast control

Genos features an intuitive interface for music making and sound creation.

– Live Control knobs and sliders

A wide variety of functions can be assigned to the 6 knobs and 9 sliders to control your music through Genos.



– Touch screen

Easily select and change parameters with a 9" colour touch screen.



TOP PANEL

- | | |
|--------------------------------------|--------------------------------------|
| 1 [⏻] (Standby/On) switch | 15 TRANSPOSE buttons |
| 2 [MASTER VOLUME] dial | 16 LIVE CONTROL (view/knobs/sliders) |
| 3 [MIC GAIN] knob | 17 Touch LCD and related controls |
| 4 MIC buttons | 18 Gateway buttons |
| 5 UPPER OCTAVE buttons | 19 ASSIGNABLE buttons |
| 6 [ROTARY SP /ASSIGNABLE] button | 20 DIRECT ACCESS button |
| 7 [ART. 1]/[ART. 2]/[ART. 3] buttons | 21 REGISTRATION MEMORY buttons |
| 8 Joystick, [MODULATION HOLD] button | 22 ONE TOUCH SETTING buttons |
| 9 [PHONES] jack | 23 MULTI PAD CONTROL buttons |
| 10 Cross Fader | 24 VOICE SELECT buttons |
| 11 SONG A/SONG B buttons | 25 PART ON/OFF buttons |
| 12 [RECORDING] button | 26 [HARMONY/ARPEGGIO] button |
| 13 STYLE CONTROL buttons | 27 [SUSTAIN] button |
| 14 [TAP TEMPO]/TEMPO buttons | 28 [USB TO DEVICE] terminal |

REAR PANEL / BOTTOM

- | | |
|--------------------------------|---|
| 29 Slots | 37 LINE OUT jacks |
| 30 [TO RIGHT SPEAKER] jack | 38 AUX IN jacks |
| 31 [TO SUB WOOFER] terminal | 39 MIC INPUT jack |
| 32 MIDI terminals | 40 [+48V] switch |
| 33 [USB TO DEVICE] terminal | 41 AC IN jack |
| 34 [USB TO HOST] terminal | 42 [TO LEFT SPEAKER] jack |
| 35 [DIGITAL OUT] jack | 43 [USB TO DEVICE] terminal (underneath the instrument) |
| 36 ASSIGNABLE FOOT PEDAL jacks | |

– Assignable buttons

While performing, you often access certain features quickly. A wide range of functions can be set to 6 assignable panel buttons and with just a single touch, you can instantly get where you want to be.

Registration Memory

The Registration Memory function allows you to save (or “register”) virtually all panel settings to Registration buttons. These settings can then be recalled by simply pressing a single button.

High quality output

The audio output of Genos has been completely redesigned to deliver professional quality sound from your keyboard.

– New output circuit

The new 32bit Digital Audio Converter (DAC) provides high quality defined sound across a wide frequency range, ensuring Genos always cuts through the mix.

– Sub out

Genos features four Sub line-out connections that you can use to adapt your sound to various situations.

Design

Every curve of Genos is designed to focus attention on the performer. From the back, audiences will admire the dynamic design of Genos. From the front, the performer sees an inviting and reliable place for creating music.

Options



Optional speaker set: **GNS-MS01** Keyboard stand: **L-7B**

Foot pedal: **FC4A**
 Foot switch: **FC5**
 Foot controller: **FC7**

Headphones: **HPH-50/HPH-100/HPH-150**
 Wireless USB MIDI adaptor: **UD-BT01**
 Wireless MIDI Adaptor: **MD-BT01**







PSR-S Series

FEELINGS INTO SOUND

PSR-S series brings the experience of performing in a band to the solo keyboard player. Whatever style you want to play, the combination of superb sound, exciting features and live control gives you total freedom to create music as you want it to be.

EXPANDABLE ARRANGER WORKSTATION

Combines essential features for professional performance with expansion contents that enhance your sound.



PSR-S670



FEATURES

Outstanding sound quality for virtually any type of music

Enjoy authentic acoustic sounds at your fingertips; play pianos, saxophones and other instruments, all with breath-taking reality or explore the powerful synthesizer sounds with incredible sonic capability for electronic music of all types.



Live Controllers

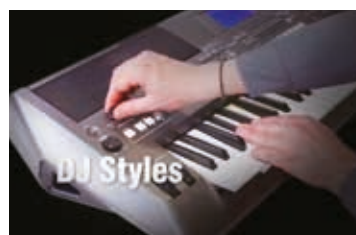
Two Live Controllers give you dynamic real-time control and are assignable to any combination of parameters including filter, arpeggio, track muting and more! You have total control over the performance for maximum creativity!



DJ Styles

DJ Styles are a new live performance concept featuring a collection of programmed chord progressions. This leaves both hands free to play melody lines, use the Live controllers or trigger additional phrases and audio samples using the Multi Pads. With the new Arpeggio function, PSR-S will play a rhythmic musical phrase

simply by playing a group of notes.



Let your music take you to new places

Voice & Style Expansion Packs enable you to customise the PSR-S series with a wide range of additional content from all over the world. When loaded into the keyboard, you can instantly access authentic new sounds, rhythms, and backings in the musical Style of your choice.



PROFESSIONAL PERFORMANCE WORKSTATION

Durability, high quality Voices and a sophisticated user interface allow you to perform in any location.



PSR-S775



FEATURES

Get real with your sound

Experience realistic Super Articulation Voices, Organ Flutes and many other sounds from the legendary Tyros series. The superb sonic quality, meticulously sampled Voices and a comprehensive suite of effects will take your performances to a new level of authenticity that is sure to satisfy even the most demanding audience.



USB audio playback with flexible functions

Whether you're enhancing a live performance with backing tracks from your music library or just livening up a party with some Karaoke, the time stretch, pitch shift, and vocal cancel functions of the PSR-S775 USB audio player add depth and versatility to the instrument.



Practical functions for performance

Newly implemented half-bar fill-in, Mono Legato function, 280 MB large expansion memory and pre-installed packs like Euro dance or Salsa pack expand the variation of your performance. Live Control settings can be immediately called up from Registration Memory.



Mic/Guitar Input, Great for singers and guitarists

The PSR-S775 comes equipped with a Mic/Guitar input that allows you to add vocals or guitar to your live performance with ease. Simply plug in a microphone and you can effortlessly assign any of the PSR's versatile effects to the vocals. Alternatively, connect a guitar and adjust the



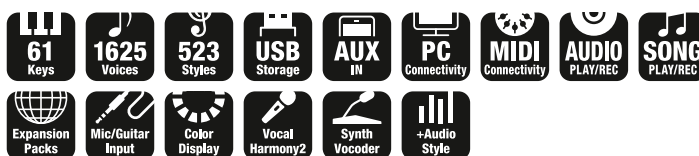
parameters to suit your preference and emulate the sound of your favorite artists - or create a sound that's all your own!

THE ULTIMATE PSR

The PSR-S975 is the flagship model of the PSR-S series. It combines all the functionality of the other models in the range together with powerful performance features including versatile effects inherited from the legendary Tyros5, external display capability and a programmable Vocal Harmony function.



PSR-S975



FEATURES

Play with the atmosphere of real sound

Bring your performances to life with +Audio Styles, featuring high quality percussion ensembles and drums, all recorded by world-class musicians in studios around the globe. +Audio Styles add natural feel and warmth to any rhythm track for greater expressive potential than ever before.



Real effects

The PSR-S975 features the Real Distortion and Real Reverb effects from the renowned Tyros5, delivering authentic, natural sound unparalleled in its class. Effortlessly add and edit effect parameters via an attractive, intuitive interface that gives you the feeling of controlling conventional effects and amplifiers in real time.



Practical functions for performance

Newly implemented half-bar fill-in, Mono Legato function, 768 MB large expansion memory and pre-installed packs like Euro dance or Salsa pack expand the variation of your performance. Live Control Settings can be immediately called up from Registration Memory.



Powerful Synth Vocoder and Vocal Harmony function

The PSR-S975 is equipped with a Synth Vocoder allowing you to combine your voice with the PSR-S975 sounds. The powerful Vocal Harmony 2 system allows you to control the pitch, level, and number of harmonies added, ensuring that your vocals are always the star of the show.



Common Features for PSR-S Series

Powerful features for live performance

The PSR-S series features two assignable Live Controllers, a pitch bend wheel, a modulation wheel and two assignable foot pedal inputs, ensuring that you have total control over Voices, Styles, effects and other functions during live performance.

DJ Styles

DJ Styles are a new live performance concept, featuring a collection of chord progressions that eliminate the need for continuous chord changes with the left hand. Now you've got both hands free to play melody lines, use the Live Controllers, or even trigger additional external audio with the Multi Pads to add a unique flair to your performance.

Voice and Style Expansion Packs and Yamaha Expansion Manager

Voice & Style Expansion Packs enable you to customise the PSR-S series with a wide range of additional content from all over the world. When loaded into the keyboard, you can instantly access authentic new sounds, rhythms and backings in the musical Style of your choice. For even more versatility, use Yamaha Expansion Manager to link to your computer.* Yamaha Expansion Manager allows you to create individual expansion data sets containing content from various packs and utilise the memory capacity on the instrument. You can even create your own Voices based on your samples.

Drum Setup function

You can edit your drum kit sound to suit your performance. This function, part of "Style Creator", allows the user to change drum sound parameters (pan, volume, filter and others). In addition, you can easily change a chosen drum sound to a different one.

More features

- New Arpeggio function for instant access to a library of arpeggiated synth lines and authentic rhythmic phrases.
- Master Compressor effect to change the overall characteristics of the sound.



images from PSR-S670



images from PSR-S670



images from PSR-S975



images from PSR-S975



THE INSTRUMENT THAT GROWS WITH YOU

The PSR-A3000 is equipped with a Joystick for intuitive control of your performance giving you real and expressive sound. It also supports Yamaha Expansion Manager for Voice creation from your recorded samples and Expansion content.

DIGITAL WORKSTATION

PSR-A3000

Oriental Voices and Drum kits inside



FEATURES

Expansion Content

Now you can make your own Voices and Drum kits using Yamaha Expansion Manager utilising 512MB of built-in memory!

Simply prepare your own samples (.wav, .aif, .aiff, .sf2) and edit parameters on your computer using Yamaha Expansion Manager. You can even create and share your original content with your friends!

Also you can pick content from various Expansion Packs to form your own custom pack to install in your instrument. You can download Yamaha Expansion Manager from Yamaha's website for free.



Voice/Drum kit edit

Super Articulation Oriental Voices and Mono Legato function

New Oriental Super Articulation Voices will reproduce the real instrument's unique characteristics such as vibrato, tremolo.



For non-Super Articulation Voices, there is a new "Mono Legato" feature which allows you to play trill phrase without using the joystick, the perfect match for Oriental instruments! For all Voices, Scale Setting buttons support any type of tuning.

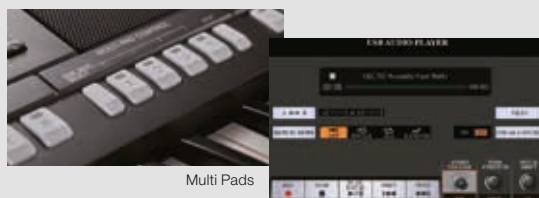


Scale Tuning and Scale Setting Buttons

USB Audio & Audio Link Multi Pads

Whenever you need to enhance a live performance with backingtracks from your music library, the time stretch, pitch shift, and vocal cancel features of the USB audio player will add depth and versatility to any musical event.

Audio Link Multi Pads let you link your own audio files (sound effects, vocal phrases, etc), and trigger them from the Pads as you perform.



Multi Pads

USB Audio Player

Drum Setup function

In Style Creator, you can edit various parameters of Drum kits in detail.



Drum Setup display

Joystick and Live Control function

PSR-A3000 is equipped with a joystick which gives intuitive control of pitch and modulation. Now you can play with rapid trills, dynamic pitch bends, and finely-nuanced modulation - all from a single, easily-configured controller. Not only essential "Pitch Bend" and "Modulation" parameters, but also other settings, such as Filter and Track-Mute can be assigned and changed instantly.

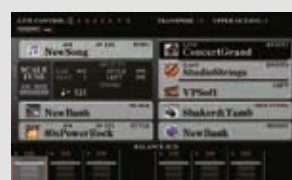


Joystick with assignable function

This feature will add a new dynamic to your performance with a truly unique flavour.

Colour Display

For simple intuitive control of the powerful features and capabilities of this advanced keyboard, the PSR-A3000 comes equipped with a large colour LCD that allows you to monitor the status of your instrument at a glance, and gives you easy access to important performance functions.





Voice & Style Expansion



Our world is getting smaller all the time. However, for PSR-S series and PSR-A3000, the musical world is getting larger. Thanks to Yamaha's Voice & Style Expansion Packs, you can take advantage of a wide and ever-increasing selection of regional, ethnic and traditional Voices and Styles. Load them into the instrument and instantly play authentic sounds, rhythms and backings in the musical style of your choice!



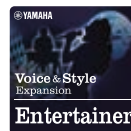
EUROPE "Best Of" Collection

Essentials from the 4 Packs Celtic, Latin, Balkan & Oriental.



EURO DANCE

From very latest Dubstep or Electro beats to House and HipHop grooves.



MEXICO

You will enjoy playing traditional rhythms like Mariachi, Norteno or Corrido, in addition to Latin rhythms as Mambo, Son Cubano, Merengue and Bachata.

*Specifications and appearance are subject to change without notice

<https://www.yamahamusicsoft.com/sound-and-expansion-libraries/>



Yamaha Expansion Manager



Using your computer, Yamaha Expansion Manager expands the versatility of the instrument and is compatible with Genos and PSR-S975/S775/S670/A3000.

Tutorial Videos on YouTube™

Watch and Learn what Yamaha Expansion Manager can do!



Data Management

Have you ever wanted to install more than one Expansion Pack in your instrument at the same time? With Yamaha Expansion Manager, you can manage Voices, Styles, Registrations, and other content, select your favourites and create your own pack.

Organise the content for your instrument

Firstly, import your favorite Pack Project files (.ppf). Select Voice, Styles and other data. Combine data from various packs and create a personal Pack Installation file (.ppi). Install the Pack Installation file to your instrument via USB flash memory.

Voice Creation

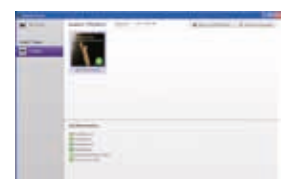
Import your own recorded samples (.wav, .aif, .aiff) or SoundFonts (.sf2). Build your own Voices by controlling various detailed parameters of the sound and create your unique Voice Pack!

Using Yamaha Expansion Manager, you can import REX loop files, and use it as a Multi Pad or Style.



Editing the on-board Voices in Genos

With Expansion Manager, you can edit the on-board Voices and create new Customs Voices for Genos.



*Specifications and appearance are subject to change without notice

EXCELLENT BASS FOR MUSIC PERFORMANCE

This compact subwoofer for keyboard instruments incorporates a number of advanced, high-performance bass technologies exclusive to Yamaha, including a Twisted Flare Port and Advanced YST II (Yamaha Active Servo Technology II). This results in sensationally clear bass response, and adds so much to your musical experience whether you're performing or listening.

KS-SW100



Subwoofer for keyboard instruments

- 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



Yamaha MusicSoft

Thanks to Yamaha's new Voice & Style Expansion Packs for the PSR, players can take advantage of a wide selection of regional, ethnic and traditional Voices and Styles. Load them to your PSR and instantly play authentic sounds, rhythms and backings in the musical style of your choice!

<https://www.yamahamusicsoft.com/>

- * Some applications are only available in certain regions.
- * Specifications may be changed without notice.



Key Feature List

| | | | | | |
|--|--------------------------|---|--|-------------------------|--|
| | Number of Keys | Indicates how many keys the keyboard of a specific model possesses. | | SONG PLAY/REC | The model plays back preset songs and commercially available MIDI files and allows you to record and save your own performances to the internal drive or USB flash memory as MIDI files. |
| | Number of Voices | Indicates the number of instrument Voices. | | Expansion Packs | Indicates that you can add and enjoy packs of specific Voices and Styles of music. |
| | Number of Styles | Indicates how many Styles of music you can call on to accompany your performance. | | Mic/Guitar Input | Indicates that the model has Microphone or Guitar input so you can connect these to your instrument. |
| | USB Storage | Indicates that the model has a "USB TO DEVICE" terminal, allowing you to save your music using USB media. | | Colour Display | Indicates that the model has a colour display. |
| | AUX IN | Indicates that the model has "AUX-IN" connection so that you can connect your music player and play along. | | Vocal Harmony 2 | Indicates that the model has the Vocal Harmony 2 function. |
| | PC Connectivity | Indicates that the model has a "USB TO HOST" terminal, allowing you to transfer music data to and from your PC. | | Synth Vocoder | Indicates that the model has the Synth Vocoder function. |
| | AUDIO PLAY/REC | The model's USB Audio function allows you to play back WAV files (WAV and MP3 for PSR-S975/S775/A3000 and Genos) from a USB flash memory device and save your songs in WAV format for transfer to a PC. | | Audio Style | Indicates that the model has +Audio Styles. |
| | MIDI Connectivity | Indicates that the model has a MIDI terminal. | | SUB OUT | Indicates that the model has SUB OUTPUT to adapt your sound to various situations. |
| | Touch Display | Indicates that the model has a touch screen. | | | |

Specifications

| Models | | Genos | PSR-S670 | PSR-S775 | SR-S975 | PSR-A3000 | | |
|-------------------------|----------------------------------|--|---|---|---|---|---|---|
| Size and Weight | Dimensions [W x D x H] | 1,234 x 456 x 138mm | 1,004 x 410 x 134mm | 1,002 x 437 x 148mm | 1,002 x 437 x 148mm | 1,002 x 437 x 148mm | | |
| | Weight | 13.0 kg | 8.1 kg | 11.1 kg | 11.6 kg | 11.2 kg | | |
| Colour/Finish | Body | Black | Metallic Dark Gray | Black | Black | Black and Metallic Dark Gray | | |
| | Colour | Black | Metallic Dark Gray | Black | Black | Black and Metallic Dark Gray | | |
| Interface | Keyboard | Number of Keys | 76 | 61 | 61 | 61 | | |
| | | Type | FSX (Initial Touch/Aftertouch) | Initial Touch | Initial Touch | Initial Touch | Initial Touch | |
| | | Touch Response | Normal, Easy1, Easy2, Soft1, Soft2, Hard1, Hard2 | Hard1, Hard2, Medium, Soft1, Soft2 | Hard1, Hard2, Medium Soft1, Soft2 | Hard1, Hard2, Medium, Soft1, Soft2 | Hard1, Hard2, Medium, Soft1, Soft2 | |
| | Controllers | Pitch Bend Wheel | - | Yes | Yes | Yes | - | |
| | | Modulation Wheel | - | Yes | Yes | Yes | - | |
| | | Joystick | Yes | - | - | - | Yes (Assignable) | |
| | | Multi Pads | Yes (with Audio Link) | Yes (with Audio Link) | Yes (with Audio Link) | Yes (with Audio Link) | Yes | |
| | | Sliders | 9 (Assignable), Cross Fader | - | - | - | - | |
| | Display | Articulation Switches | 3 | - | - | - | - | |
| | | Knobs | 6 (Assignable) | 2 (Assignable) | 2 (Assignable) | 2 (Assignable) | - | |
| Type/Size | | Main Display: 9 inch TFT Colour Wide VGA LCD (Touch screen) Sub Display: 589 x 48 dots OLED (Live Control view) | 4.3 inch monochrome QVGA LCD | 7 inch TFT Colour Wide VGA LCD | 7 inch TFT Colour Wide VGA LCD | 7 inch TFT Colour Wide VGA LCD | | |
| Panel | Language | Main Display: English, German, French, Spanish, Italian, Sub Display: English | English, German, French, Spanish, Italian, Japanese | English, German, French, Spanish, Italian | English, German, French, Spanish, Italian | English, German, French, Spanish, Italian | | |
| | Language | English | English | English | English | English | | |
| Voices | Tone Generation | AWM Stereo Sampling, AEM technology | AWM Stereo Sampling | AWM Stereo Sampling | AWM Stereo Sampling | AWM Stereo Sampling | | |
| | Polyphony | Number of Polyphony (Max.) | 256 | 128 | 128 | 128 | | |
| | Preset | Number of Voices | 1,652 Voices + 58 Drum/SFX Kits | 416 Voices + 34 Drum/SFX Kits + 480 XG Voices | 930 Voices + 50 Drum/SFX Kits + 480 XG Voices | 1090 Voices + 58 Drum/SFX Kits + 480 XG Voices | 997 Voices + 58 Drum/SFX Kits + 480 XG Voices | |
| | Expandability | Expansion Voice | Yes (Wave amount: approx. 1.8 GB max) | Yes (Wave amount: approx. 32 MB max) | Yes (Wave amount: approx. 280 MB max) | Yes (Wave amount: approx. 768 MB max) | Yes (Wave amount: approx. 512 MB max) | |
| | | Compatibility | XG, GS (for Song playback), GM, GM2 | XG, GS (for Song playback), GM, GM2 | XG, GS (for Song playback), GM, GM2 | XG, GS (for Song playback), GM, GM2 | XG, GS (for Song playback), GM, GM2 | |
| | Part | Right 1, Right 2, Right 3, Left | Right 1, Right 2, Right 3, Left | Right 1, Right 2, Left | Right 1, Right 2, Left | Right 1, Right 2, Left | Right 1, Right 2, Left | |
| | | Reverb | 59 Preset + 3 User | 44 Presets + 3 User | 52 Presets + 3 User | 52 Presets + 3 User | 52 Presets + 3 User | |
| | | Chorus | 107 Preset + 3 User | 71 Presets + 3 User | 106 Presets + 3 User | 106 Presets + 3 User | 106 Presets + 3 User | |
| | Effects | DSP | Variation: 358 Preset (with VCM) + 3 User Insertion 1-28; 358 Preset (with VCM) + 10 User | 283 Presets + 10 User | 295 Presets + 10 User | 322 Presets (with VCM) + 10 User | 295 Presets + 10 User | |
| | | Master Compressor | 5 Preset + 5 User | 5 Presets + 5 User | 5 Presets + 5 User | 5 Presets + 5 User | 5 Presets + 5 User | |
| Master EQ | | 5 Preset + 2 User | 5 Presets + 2 User | 5 Presets + 2 User | 5 Presets + 2 User | 5 Presets + 2 User | | |
| Part EQ | | 28 parts | - | 27 parts | 27 parts | 27 parts | | |
| Vocal Harmony | | Number of Presets | Vocal Harmony: 54, Synth Vocoder: 20 | - | - | Vocal Harmony 44, Synth Vocoder 10 | - | |
| Styles | Preset | Number of User Settings | Total 60 | - | - | Total 60 | | |
| | | Vocal Effect | 23 | - | - | 23 | | |
| | Number of Preset Styles | Number of Preset Styles | 550 | 230 | 433 | 523 | 400 | |
| | | Featured Styles | 491 Pro, 39 Session, 10 Free Play, 10 DJ | 208 Pro, 12 Session, 10 DJ | 387 Pro, 30 Session, 15 DJ, 1 Free Play | 40 + Audio, 431 Pro, 34 Session, 15 DJ, 3 Free Play | 380 Pro, 10 Session, 10 DJ | |
| | Fingering | Single Finger, Fingered, Fingered On Bass, Multi Finger, AI Fingered, Full Keyboard, AI Full Keyboard | Single Finger, Fingered, Fingered On Bass, Multi Finger, AI Fingered, Full Keyboard, AI Full Keyboard | Single Finger, Fingered, Fingered On Bass, Multi Finger, AI Fingered, Full Keyboard, AI Full Keyboard | Single Finger, Fingered, Fingered On Bass, Multi Finger, AI Fingered, Full Keyboard, AI Full Keyboard | Single Finger, Fingered, Fingered On Bass, Multi Finger, AI Fingered, Full Keyboard, AI Full Keyboard | | |
| | | Style Control | INTRO x 3, MAIN VARIATION x 4, FILL x 4, BREAK, ENDING x 3 | INTRO x 3, MAIN VARIATION x 4, FILL x 4, BREAK, ENDING x 3 | INTRO x 3, MAIN VARIATION x 4, FILL x 4, BREAK, ENDING x 3 | INTRO x 3, MAIN VARIATION x 4, FILL x 4, BREAK, ENDING x 3 | INTRO x 3, MAIN VARIATION x 4, FILL x 4, BREAK, ENDING x 3 | |
| | Compatibility | Style File Format (SFF), Style File Format GE (SFF GE) | Style File Format, Style File Format GE | Style File Format, Style File Format GE | Style File Format, Style File Format GE | Style File Format, Style File Format GE | | |
| | | Expandability | Expansion Style | Yes | Yes | Yes | Yes | |
| | Other Features | Music Finder (Max.) | 2,500 (max.) Records per Playlist file | 1,200 | 1,200 | 2,500 | 1,200 | |
| | | One Touch Setting (OTS) | 4 for each Style | 4 for each Style | 4 for each Style | 4 for each Style | 4 for each Style | |
| Songs (MIDI) | Preset | Number of Preset Songs | 9 Demo Songs, 11 Preset Songs | 4 preset sample Songs | 5 preset sample Songs | 5 preset sample Songs | | |
| | | Number of Tracks | 16 | 16 | 16 | 16 | | |
| | Recording | Data Capacity | approx. 300 KB/Song | approx. 300 KB/Song | approx. 300 KB/Song | approx. 300 KB/Song | approx. 300 KB/Song | |
| | | Recording Function | Quick Recording, Multi Track Recording, Step Recording | Quick Recording, Multi Track Recording | Quick Recording, Multi Recording, Step Recording | Quick Recording, Multi Recording, Step Recording | Quick Recording, Multi Recording, Step Recording | |
| | Data Format | Playback | SMF (Format 0, Format 1), XF | SMF (Format 0 & 1), XF | SMF (Format 0 & 1), XF | SMF (Format 0 & 1), XF | SMF (Format 0 & 1), XF | |
| | | Recording | SMF (Format 0) | SMF (Format 0) | SMF (Format 0) | SMF (Format 0) | SMF (Format 0) | |
| | Voices | Harmony | Yes | Yes | Yes | Yes | Yes | |
| | | Panel Sustain | Yes | Yes | Yes | Yes | Yes | |
| | Styles | Mono/Poly | Yes (with Mono Legato) | Yes | Yes (with Mono Legato) | Yes (with Mono Legato) | Yes (with Mono Legato) | |
| | | Arpeggio | Yes | Yes | Yes | Yes | Yes | |
| Functions | Style Creator | Style Creator | Yes | Yes (no step edit) | Yes | Yes | | |
| | | Style Recommender | - | Yes | Yes | Yes | | |
| | Songs | Song Creator | Yes | Yes (no step edit) | Yes | Yes | Yes | |
| | | Score Display Function | Yes | Yes | Yes | Yes | Yes | |
| | Wallpaper Customization | Lyrics Display Function | Yes | Yes | Yes | Yes | Yes | |
| | | Text Display Function | Yes | Yes | Yes | Yes | Yes | |
| | Functions | Lesson/Guide | Wallpaper Customization | Yes | - | Yes | Yes | |
| | | | Lesson/Guide | Follow Lights, Any Key, Karao-Key, Your Tempo | Follow Lights, Any Key, Karao-Key, Your Tempo | Follow Lights, Any Key, Karao-Key, Your Tempo | Follow Lights, Any Key, Karao-Key, Your Tempo | Follow Lights, Any Key, Karao-Key, Your Tempo |
| | | Performance Assistant Technology (P.A.T.) | Performance Assistant Technology (P.A.T.) | - | - | Yes | Yes | Yes |
| | | | Multi Pads | Multi Pad Creator | Yes | Yes | Yes | Yes |
| Registration Memory | | Number of Buttons | 10 | 8 | 8 | 8 | | |
| | | Control | Registration Sequence, Freeze | Registration Sequence, Freeze | Registration Sequence, Freeze | Registration Sequence, Freeze | Registration Sequence, Freeze | |
| Audio Recorder/Player | | Recording Time (max.) | 80 minutes/Song | 80 minutes/Song | 80 minutes/Song | 80 minutes/Song | 80 minutes/Song | |
| | | Recording | WAV (44.1 kHz, 16 bit, stereo) | WAV (44.1kHz, 16bit, stereo) | WAV (44.1kHz, 16bit, stereo) | WAV (44.1kHz, 16bit, stereo) | WAV (44.1kHz, 16bit, stereo) | |
| Overall Controls | | Playback | WAV (44.1 kHz, 16 bit, stereo), MP3 (44.1 kHz, 64-320 kbps, stereo) | WAV (44.1kHz, 16bit, stereo) | WAV (44.1kHz, 16bit, stereo), MP3 (44.1/48.0 kHz, 64-320 kbps and variable bit rate, mono/stereo) | WAV (44.1kHz, 16bit, stereo), MP3 (44.1/48.0 kHz, 64-320 kbps and variable bit rate, mono/stereo) | WAV (44.1kHz, 16bit, stereo), MP3 (44.1/48.0 kHz, 64-320 kbps and variable bit rate, mono/stereo) | |
| | | Metronome | Yes | Yes | Yes | Yes | Yes | |
| Scale Type | Tempo Range | 5 - 500 | 5 - 500 | 5 - 500 | 5 - 500 | 5 - 500 | | |
| | Transpose | -12 - 0 +12 | -12 - 0 +12 | -12 - 0 +12 | -12 - 0 +12 | -12 - 0 +12 | | |
| Miscellaneous | Tuning | 414.8 - 440.0 - 466.8 Hz | 414.8 - 440.0 - 466.8 Hz | 414.8 - 440.0 - 466.8 Hz | 414.8 - 440.0 - 466.8 Hz | 414.8 - 440.0 - 466.8 Hz | | |
| | Octave Button | Yes | Yes | Yes | Yes | Yes | | |
| Storage | Direct Access | 9 Types | 9 Types | 9 Types | 9 Types | 9 Types, Scale Tuner buttons, Scale Memory | | |
| | Internal Memory | Direct Access | Yes | Yes | Yes | Yes | | |
| Internal Hard Disk | Internal Memory | approx. 58GB | approx. 2MB | approx. 13MB | approx. 13MB | approx. 13MB | | |
| | External Drives | USB Flash Memory (via USB to DEVICE) | USB Flash Memory (via USB to DEVICE) | USB Flash Memory (via USB to DEVICE) | USB Flash Memory (via USB to DEVICE) | USB Flash Memory (via USB to DEVICE) | | |
| Headphones | Standard stereo phone jack | Standard stereo phone jack | Standard stereo phone jack | Standard stereo phone jack | Standard stereo phone jack | Standard stereo phone jack | | |
| | Microphone | Yes (Combo Jack) | - | Microphone or Guitar | Microphone or Guitar | - | | |
| MIDI | MIDI A (IN/OUT), MIDI B (IN/OUT) | MIDI A (IN/OUT), MIDI B (IN/OUT) | - | IN/OUT | IN/OUT | IN/OUT | | |
| | AUX IN | L/L+R, R | Stereo mini jack | Stereo mini jack | Stereo mini jack | Stereo mini jack | | |
| DIGITAL OUT | Yes (coaxial) | - | - | - | - | | | |
| | LINE OUT | MAIN (L/L+R, R), SUB (1, 2), SUB (3, 4/AUX OUT) | L/L+R, R | L/L+R, R | L/L+R, R | L/L+R, R | | |
| RGB OUT | Yes | - | - | Yes | - | | | |
| | FOOT PEDAL | 1 (SUSTAIN), 2 (ART.1), 3 (VOLUME), Function Assignable | 1 (SUSTAIN), 2 (VOLUME), Function Assignable | 1 (SUSTAIN), 2 (ARTICULATION 1), Function Assignable | 1 (SUSTAIN), 2 (ARTICULATION 1), Function Assignable | 1 (SUSTAIN), 2 (ARTICULATION 1), Function Assignable | | |
| USB TO DEVICE | Yes (x 3) | Yes | Yes | Yes | Yes | | | |
| | USB TO HOST | Yes | Yes | Yes | Yes | Yes | | |
| Amplifiers and Speakers | Amplifiers | - | 15W x 2 | 15W x 2 | 15W x 2 | 15W x 2 | | |
| | Speakers | - | 12cm x 2 | (13cm + 5 cm) x 2 | (13cm + 2.5cm dome) x 2 | (13 cm + 5 cm) x 2 | | |

*Specifications and appearance are subject to change without notice



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