

# Genos

## EASY PRODUCT GUIDE & QUICK UPGRADE GUIDE



 **YAMAHA**

# Easy Product Guide

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# Welcome

**Thank you for taking the time to read this easy guide to our groundbreaking new Digital Workstation.**

Genos represents a complete redefinition of what can be expected from Yamaha keyboards in terms of sound and functionality; it is an instrument only possible from a company with the history, knowledge and passion seen within Yamaha.

Resulting from years of development, Genos continues on from our hugely successful and popular high-end workstation keyboards

**We invite you to join the next era of Digital Workstation. Genos has been created to appeal to a new generation of musicians; but it does not forget our existing customers who will find all the elements which have made former Yamaha workstation keyboards legendary.**



# The Genos Concept

Genos is the result of years of research and information gathering; it represents a return to the drawing board in order to create an entirely new generation of Digital Workstation.

In the development of Genos, the focus was on creating an amazing sounding instrument that not only looked fresh and new but was also easy to use. Running on entirely new software, Genos has been designed to provide the best tool for musicians worldwide. With features such as a 9" colour touch screen, Live Controls and easily assignable buttons, Genos is simple to use whether at home, in a studio, or on stage.

When it comes to sound, Genos offers simply the best quality ever heard from a Digital Workstation. Powered by unique Yamaha technology developed through years of acoustic and digital instrument development, the sonic power and realism of Genos will blow you away.

## Introduction

As the world's largest musical instrument company, Yamaha is uniquely placed to create an instrument like Genos.

With sounds, styles, and functionality only possible from a company with the multifaceted experience seen within Yamaha, Genos will take the industry by storm.

This 'Easy Product Guide' will introduce you to the key concepts of this digital workstation, alongside providing helpful tips and advice to use when presenting and selling Genos.

# Why Genos?

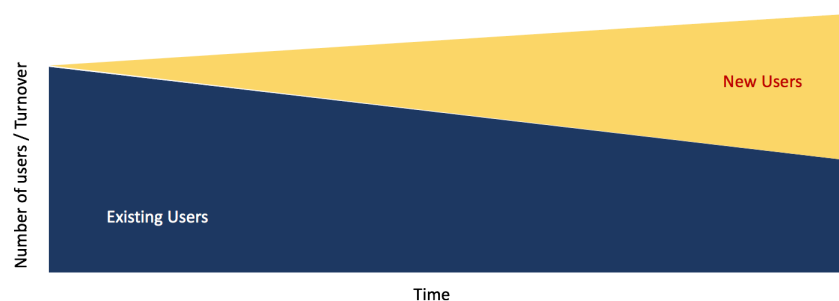
Genos redefines workstation sound, design and user experience. Whether in a recording studio, on stage or at home, Genos will inspire and enhance music performance for a new generation of musicians.

The name Genos is associated with ancient Greece:

**“a social group claiming common descent”**  
**“sharing same gene – the same DNA”**

In addition, Genos also suggests “generate” - meaning to produce or create.

While the number of existing users might decline because of their demographic profile, the goal of Genos is to create a fresh appeal to a new generation of keyboard player.



Young people are following the megatrend to be creative. Over the last few years the number of “content producers” such as YouTubers and bloggers is rising. These people need an easy way to create and produce music.

Working with traditional studio equipment such as synths, effect units and computers is not easy - and results are far from quick. Genos offers an easy and fast way to create - a way that is more inspiring and keeps the user in the creative flow.

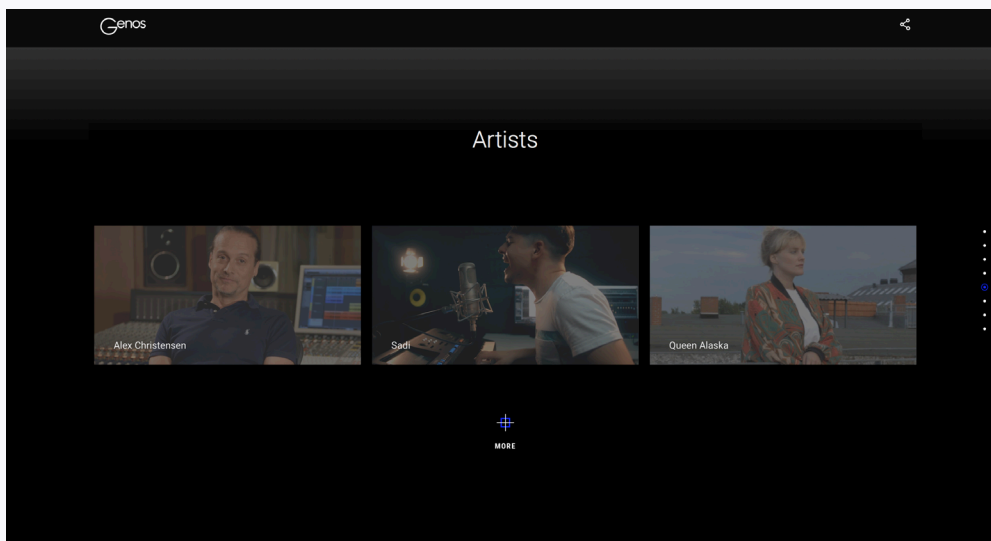
Genos is not simply a “recreation tool”, it provides everything you need to write and produce a song. As a result, we are working closely with music producers and singer-songwriters as role models for creativity in music.

# Professional made easy

Genos is the professional but easy way to create and produce music. It features:

- Easy navigation and intuitive touch screen control
- Easy access to features to stay in the creative flow
- Easy storage with unlimited space for creativity
- Professional, breath-taking sound with unparalleled realism
- Enhanced features for an enhanced experience
- Professional outputs
- Compatibility and expandability

The Genos concept website - [www.yamaha.com/genos](http://www.yamaha.com/genos) - gives details and background information alongside video messages from influencers. This website will be updated continuously to stay up-to-date on Genos.



# Genos Highlights

Genos has so many new features, these are just a few of the main highlights. As you browse this product guide, more exciting possibilities will be discussed in detail.

## Design & Ease of use

Sweeping curves and a simple-to-use panel layout ensures Genos not only looks striking but is also incredibly easy to navigate. At the centre sits a 9" touch screen which gives access to nearly every function of the keyboard, while a series of Gateway and Assignable buttons further the speed and simplicity of use.

## The Sound

The sonic quality of every Voice in Genos goes way beyond anything ever heard from a Digital Workstation before. This instrument is quite simply a game changer. With technology unique to Yamaha, Genos offers a broad array of extraordinarily expressive and realistic Voices.

## Powerful DSP

From reverb to distortion, rotary speaker to compressor, Genos boasts unprecedented DSP power. Using the same Virtual Circuitry Modeling (VCM) technology as Yamaha's professional high-end mixing consoles, Genos has the tools to create a perfect sound. Not only do the effects sound great, they look great too, with stunning graphical user interfaces.

## Styles

Genos is ready to accompany the musician in whatever genre they wish to play. With world-class arrangements, punchy drums and up to four times the DSP power of previous Digital Workstations there has never been a more complete personal backing band.



## Playlist and Registration Memory

Ten Registration Memory buttons, with an unlimited number of banks, allows for everything to be stored within Genos for instant recall. Playlist is a new way to quickly set up Genos which allows you to organise Registration Memories into convenient set lists for seamless performance.

## Live Control

The new Live Control section of Genos allows for a wide variety of functions and controls to be assigned to six knobs and nine sliders. A dedicated Live Control sub-display screen provides instant visual confirmation of adjustments without interrupting the main display.

## Arpeggio

The new arpeggio function in Genos lets you generate arpeggios (broken chords) by simply playing the notes of a chord. 216 different arpeggio types can be chosen from eleven different categories found within the 'harmony/arpeggio' section. This feature can be used for music production as well as live performance.

## Connectivity

Built in WiFi and new high-quality digital-to-analogue converters are just the beginning of the story when it comes to the connectivity supported by Genos. Support for condenser mics with phantom power makes Genos a powerful tool for singer-songwriters while two MIDI buses, USB-to-Host and three USB-to-Device sockets alongside a lossless digital audio output means Genos is ready for almost any situation.

## Expansion

With Yamaha Expansion Manager, you can continually expand the on-board content of Genos by creating and installing custom or purchased packs. With 1.8GB of expansion memory and support for WAV, AIFF, SoundFont and REX formats, the scope of possibilities for new sounds and Styles within Genos is virtually unlimited.

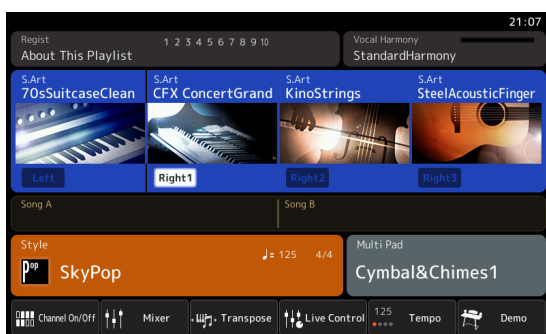
# Genos Control

Genos has many different aspects included to make it intuitive and easy to use while also providing more real-time control than ever before.



## Touch Screen

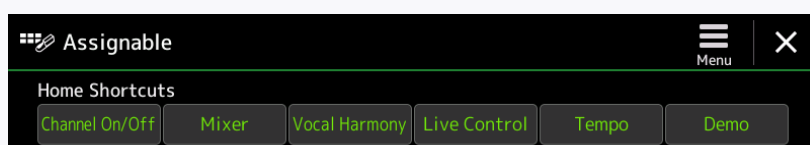
An immersive 9" touch screen takes centre stage when using the Genos. Responsive even to the lightest touch, nearly every feature of the Genos can be viewed and controlled through the screen.



The Home screen gives an overview of many key areas including the currently selected Voices, Style, Songs, and numerous other options. Along the bottom of the screen there is a menu with 6 options. These “Home Shortcuts” can be customised through the Menu section.

### Customise ‘Home Shortcut’ options

Press the ‘Menu’ Gateway button and then choose ‘Assignable’ from within the screen. The ‘Home Shortcuts’ can be viewed and edited here.



# Gateway Buttons

The Gateway buttons are a convenient route to important areas of Genos:



## Home

This returns to the main Home display of Genos.

## Style

This navigates to the Style selection screen where they can be viewed and chosen.

## Song

This gives access to the dual song players of Genos

## Menu

This is where most settings for Genos can be found. Used similar to a tablet computer with Apps, each icon calls up various functions and detailed settings.

## Voice

This opens the Voice Part Setup area in which settings for each Voice part can be viewed and changed such as DSP settings and octave controls.

## Playlist

Playlist allows Registration data to be viewed and managed into unlimited set lists – ideal for performance.

# Live Control

The Live Control section of Genos has six assignable knobs and nine assignable sliders. These controls can be given different functions which are subsequently displayed in the Live Control sub display. There are two displays available: knobs and sliders; these can be switched by selecting the Knob or Slider assign buttons.



## Changing Live Control assignments

The Live Control section can be customised by pressing the Direct Access button and then moving a slider or knob.

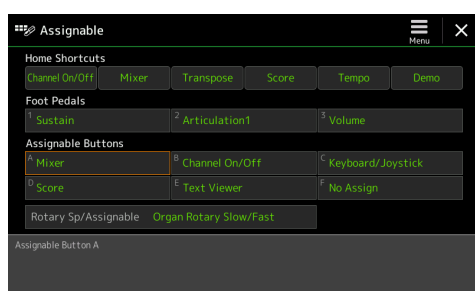
When playing with Organ Flute Voices, additional slider assign types are specially selected for operating footages and percussion settings for the currently selected instrument.

## Joystick

Genos includes a Joystick controller. By moving the joystick horizontally (X) or vertically (Y), you can bend notes up and down or apply modulation effects while playing the keyboard. The current modulation level can be held by pressing the Modulation Hold button.

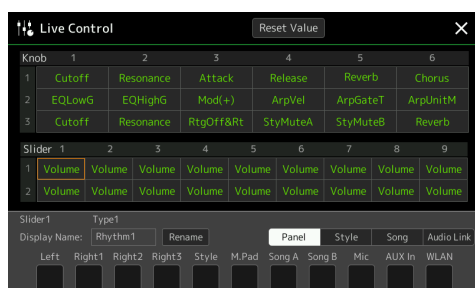
# Assignable Buttons

Various control functions or shortcuts can be assigned to these buttons, allowing for quick access to regularly used settings.



## Customise Assignable buttons

To view and change the Assignable button settings, first press the Direct Access button and then select any Assignable button.

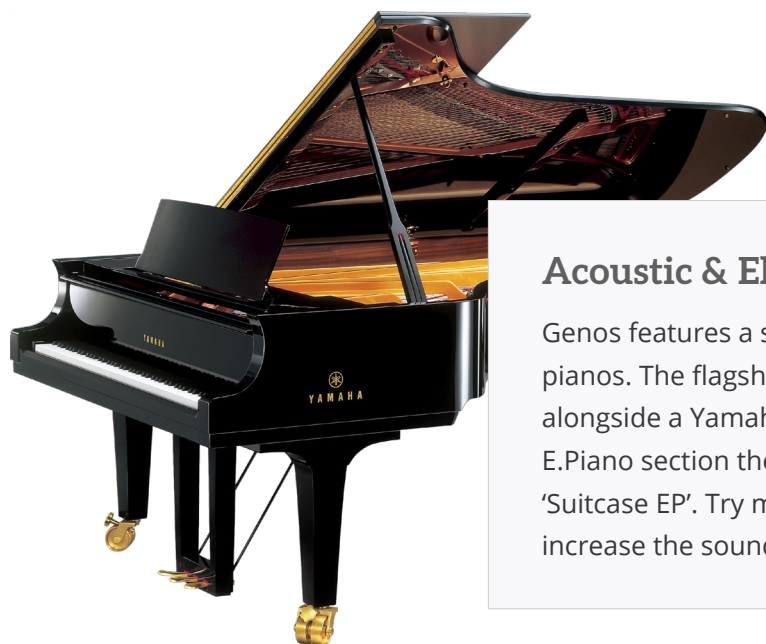


## Rotary SP/Assignable Button

Genos includes another type of Assignable button on the left side of the panel. By default this controls the speed of the rotary speaker effect for Organ Flute and S.Art! organ Voices, but it can also be freely assigned.

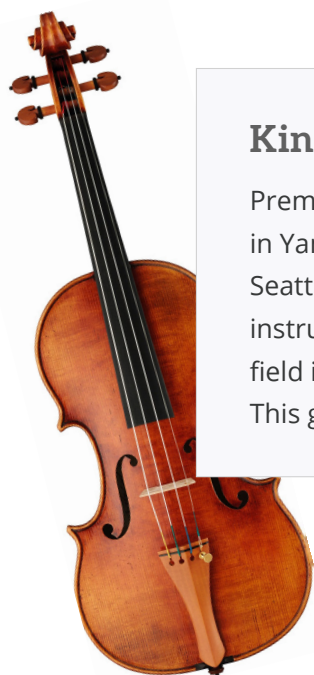
# Voices

The Voice content in Genos is extraordinary. The 1,652 Voices and 58 Drum/SFX Kits include many new and exciting sounds, from acoustic instruments to the classic synth sounds of the 1980s. Some highlights are detailed here, but the best way to discover just what lives inside Genos is to explore and play it for yourself.



## Acoustic & Electric Pianos

Genos features a stunning array of both acoustic and electronic pianos. The flagship Yamaha CFX Concert Grand is included, alongside a Yamaha C7: a pop artist favourite. Within the E.Piano section there are numerous voices based on the classic 'Suitcase EP'. Try moving the Joystick up and down (Y axis) to increase the sound of the mechanical hammer noise.



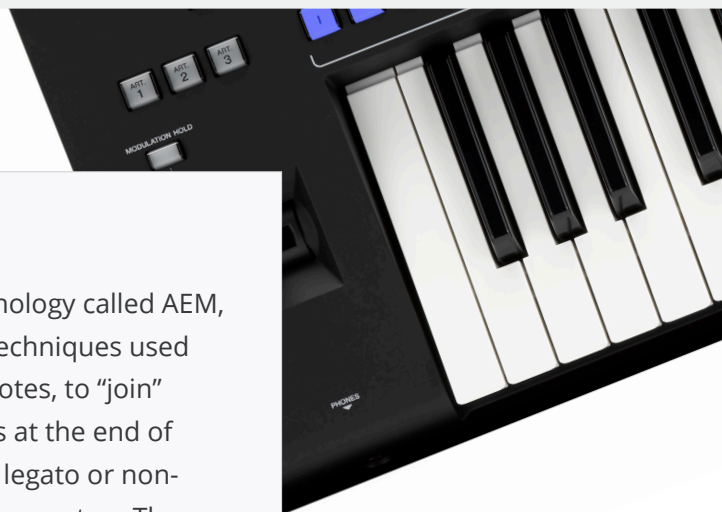
## KinoStrings

Premiering in Genos, KinoStrings are a brand-new concept in Yamaha string sampling. Sitting alongside the 'traditional' SeattleStrings, KinoStrings are captured 'cinematically' with the instruments of a string orchestra balanced across the stereo field in the same way as orchestral soundtracks are recorded. This gives an array of lush and extremely warm String Voices.



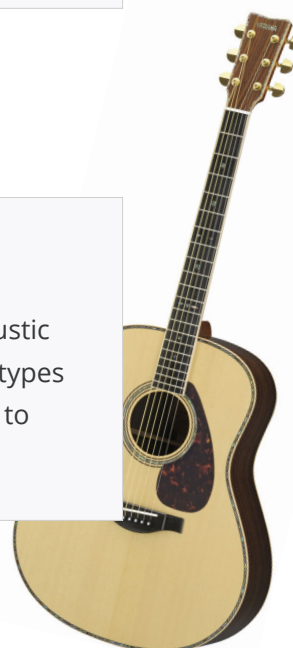
## S.Art2 Voices

Many new solo Voices in Genos feature a special technology called AEM, which utilises detailed samples of special expressive techniques used on those specific instruments—to bend or slide into notes, to “join” different notes together, or to add expressive nuances at the end of a note, etc. You can add these articulations by playing legato or non-legato, or jumping between notes in octave intervals or greater. These can also be adjusted by the three “Art” buttons found on the left of the keyboard.



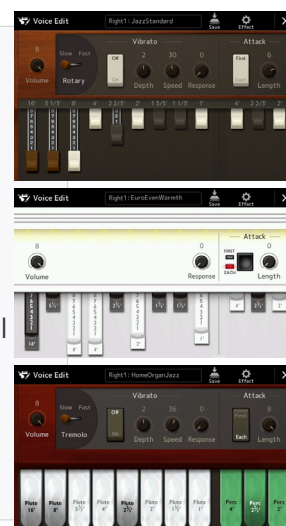
## Guitars

A huge variety of guitar Voices are available within Genos. The acoustic models include many classical, steel strung and ‘resonator’ guitars types while the new electric guitars feature a broad range of sounds due to the incredible DSP power found within Genos.



## Organs

Organ Flute Voices are easier than ever to control thanks to the touch screen and Live Control section of Genos. When an Organ Flute Voice is chosen, the Live Control section automatically switches to footage control and pressing the Slider Assign button brings up further control over percussion etc. The Home screen gives access to on-screen control over these footages alongside the Voice Gateway which allows control over the brand-new Rotary Speaker control.





## Synth Sounds

Found in nearly every genre of music from the 70s onwards, synth sounds underpin so many famous tracks. The synth Voice content of Genos has been hugely expanded with both modern and classic sounds.



## Revo Drums

Huge levels of detail and innovative wave cycling technology give Revo Drum Voices a performance characteristic like never before.

## Arpeggio

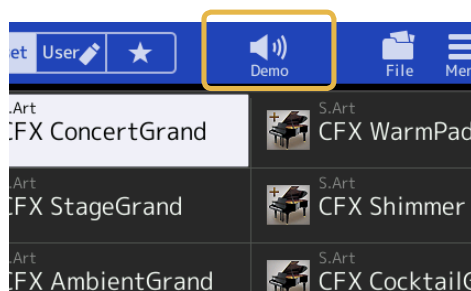
The new arpeggio function in Genos lets you play arpeggios (broken chords) by simply pressing the notes of a chord. For example, you could play the notes C, E and G to trigger interesting and rhythmically dynamic phrases. This feature can be used for music production as well as live performance.

A choice of 216 different Arpeggio types can be chosen from eleven different categories found within the "Harmony/Arpeggio" section of Genos – accessible through the Menu.

The Arpeggio even supports MegaVoice playback for realistic guitar strumming patterns.

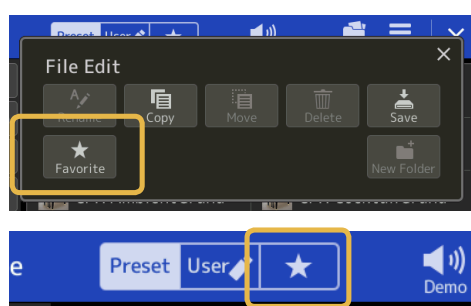


# Useful Voice functions



## Demo any Voice

Each Voice within Genos has a demo available. This is a great way to hear that particular Voice in context. To activate any Voice demo, simply select a Voice from the Voice Selection screen and then select 'Demo'.



## Add Favourite Voices

To easily locate frequently used Voices, they can be assigned to the 'Favourite' section. To do this, navigate to the Voice Selection screen and select 'File' and then 'Favourite'. Favourites can now be selected and highlighted in light grey. After selecting favourite Voices, select 'Favourite' in the top right of the screen.

## Technical Glossary

### AEM (Articulation Element Modeling)

Powering some of Yamaha's industry leading Super Articulation Voices, AEM is a technology for simulating the subtle characteristics of instruments. During performance, the most appropriate sound samples are selected in sequence in real time, from huge quantities of sampled data. They are smoothly joined and reproduced in the same way as could be heard naturally on an actual acoustic instrument.

### VCM (Virtual Circuitry Modeling)

Unique Yamaha technology used to recreate an exact digital image of world-class analogue audio processors. VCM enables an ultra-realistic digital reproduction of individual components in analogue circuits, such as resistors and capacitors.

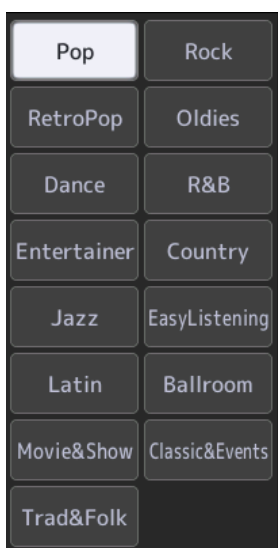
# Styles

Genos has the most advanced Style engine found in a Digital Workstation. This technology has continued to evolve until this point, where Genos is virtually indistinguishable from a real life backing band.

## Every Musical Genre

With 550 Styles, Genos is packed full with bands from almost every musical genre. Each style has four variations alongside three intros and endings. The Style content with Genos is entirely new and redeveloped to sound fresh and live.

New acoustic styles give the perfect inspiration for singer-songwriters while Chord Progression Styles can be used effectively with the Live Control section to innovate and create dance tracks.

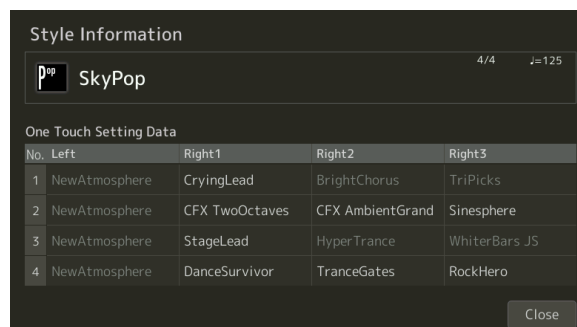


## Style Categories

Genos Styles are organised into new Categories allowing for easy location. Whether Pop, Rock, RetroPop, EasyListening, Oldies or any other type of music, the 15 categories are clearly defined and comfortable to navigate. Furthermore, Styles can be added as 'Favourites' in the same way as Voices.

## One Touch Settings (OTS)

Genos makes it easy to achieve a professional sound fast. Each Style includes four brand new One Touch Settings – a total of 2,200 presets! – which are designed to choose the most suitable Voice or Voice combination for the chosen Style. The OTS settings can be viewed and selected through the screen by pressing Direct Access and one of the OTS buttons.



## Customising the drum kit

Genos includes the ability to edit a Drum Kit's individual percussion instrument through a new Drum Setup Editor. Available through Style Creator (found in the Menu), this extensive editor gives full control over many aspects of the drum kit's set up including the ability to change and exchange different percussion instruments within the kit.



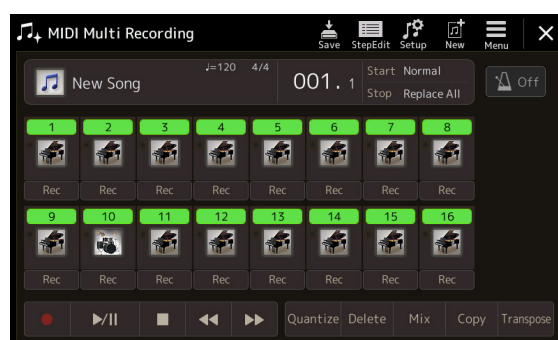
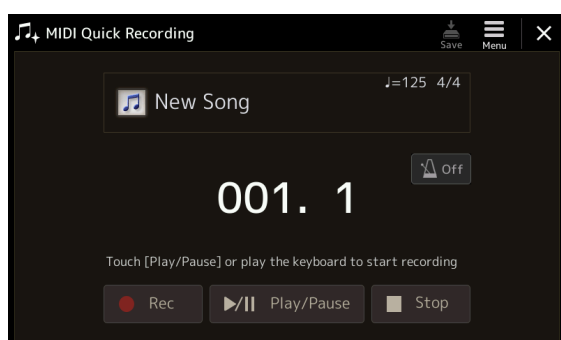
# Recording and Playback

Genos features incredibly versatile recording and playback options. This Song section includes a dual player configuration in which audio and MIDI files can be played back simultaneously and faded between using the hardware crossfader control.

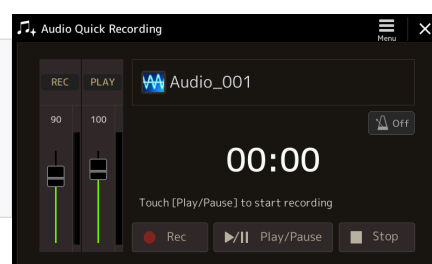
These players support both MIDI and audio (.wav and .mp3) files and can be configured either MIDI-Audio or Audio-Audio.

## Easy Recording

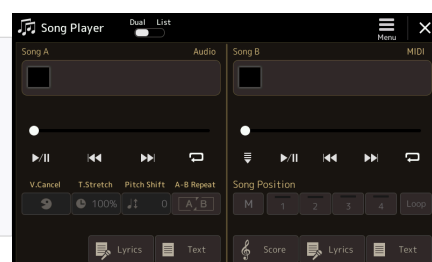
Recording within Genos is incredibly simple with the new “Quick Recording” options. By pressing the Recording button, an option is given to either record a MIDI file as a “Quick Recording” (push and play) or a “Multi Recording” in which the full 16 track sequencer can be customised. This Multi Recording mode also gives access to a step sequencer and a list editor for detailed note entry.



The recording section also allows for a Quick Audio file creation in which Genos records as a .wav file.



By using the Song Gateway button, more control over the dual song players can be achieved.



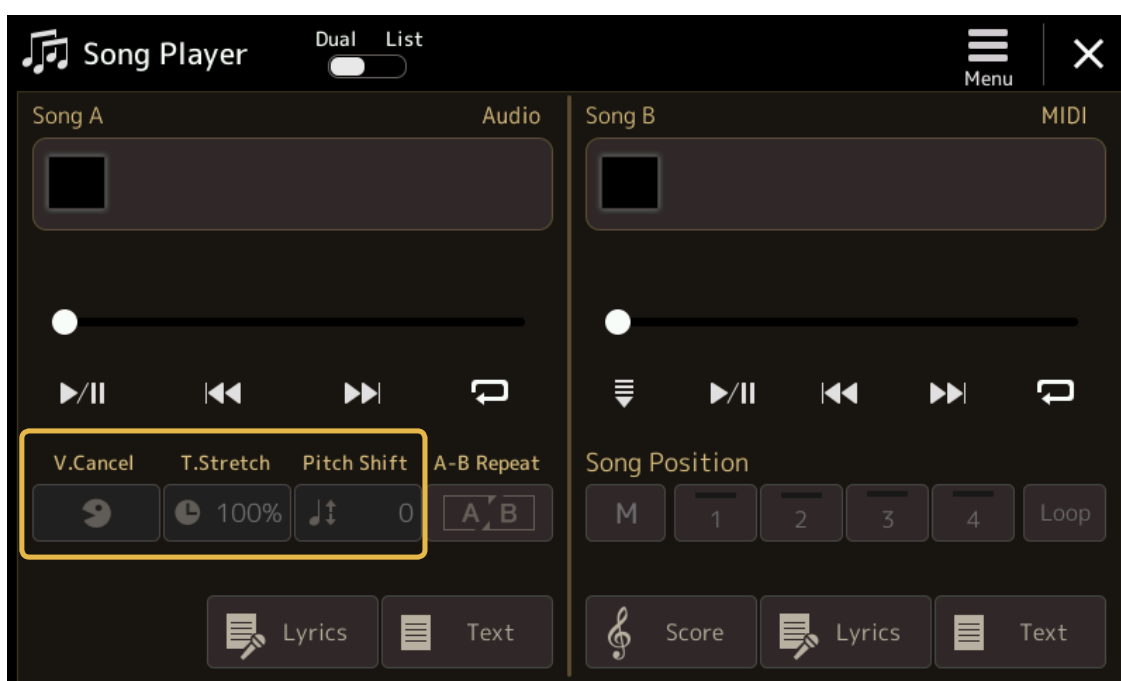


## Time Stretch and Pitch Shift

Time stretch allows for audio files to be slowed down or sped up while not effecting the pitch of the original recording. Pitch shift provides the ability to change the key of a recorded audio file.

## Vocal Cancel

This lets you cancel the centre position of the stereo sound in Audio Song playback. This allows you to sing “karaoke” style with just instrumental backing, or play the melody part on the keyboard, since the vocal sound is usually at the centre of the stereo image in most recordings.



## MP3 Lyrics

Certain MP3 files can hold lyric information. For the first time on a Yamaha Digital Workstation, these formats can now be played alongside their respective lyric information. Genos supports both MP3+G and the Midiland Lyrioike formats.

# Using Microphones with Genos

Genos supports an unprecedented number of different microphone options through its combi jack connector. This allows for either an XLR or Jack cable to be used when connecting a microphone.

For the first time, condenser microphones are supported with the inclusion of +48v Phantom Power.

\* Note: phantom power should be used only with compatible condenser microphones.

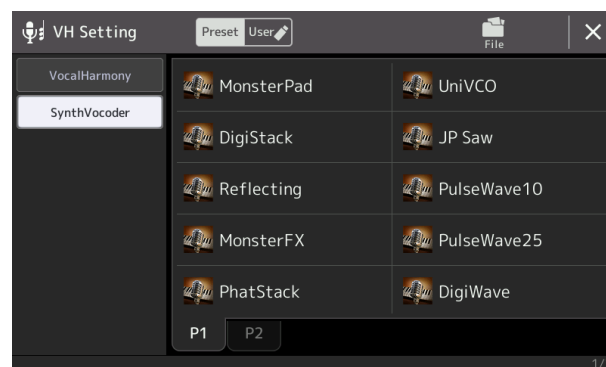
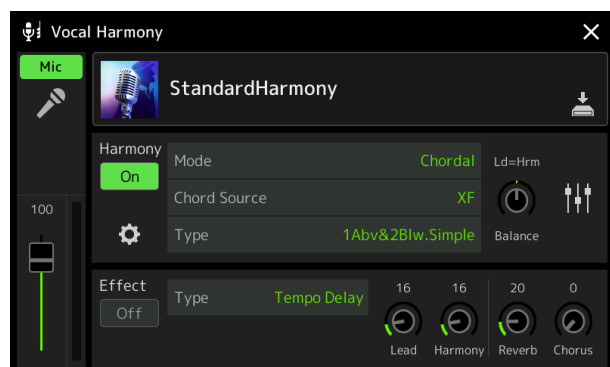
When using the microphone input in Genos, a broad array of studio quality effects can be assigned to achieve a professional result.

## Vocal Harmony

The Vocal Harmony 2 technology inside Genos means effects, and whole choirs can be introduced to sing along in harmony with the microphone signal. A Synth Vocoder means the voice can be grafted onto synthesized sounds for an extremely creative experience.

## Synth Vocoder

A Synth Vocoder means the voice can be grafted onto synthesized sounds for an extremely creative experience.

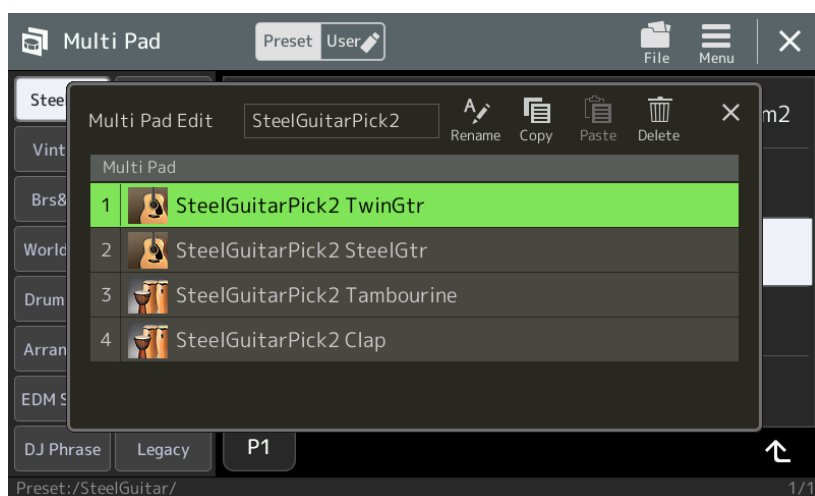
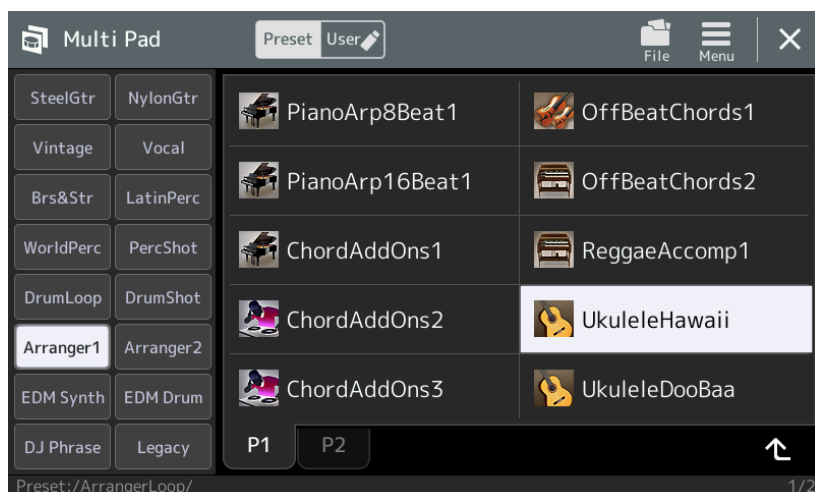


# Multi Pads

Genos sees the concept of Multi Pads entirely revised and now offers a completely new way of making music.

448 banks of 4 Multi Pad phrases are included within Genos and vary from Drum Loops, Percussion Shots, DJ Phrases etc.

Multi Pads are designed to be used either standalone or with a Style. They often feature both chordal and percussion phrases within a single bank. They can even be combined into new user files for complete control.



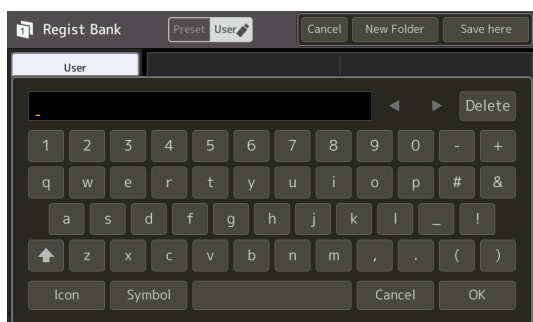
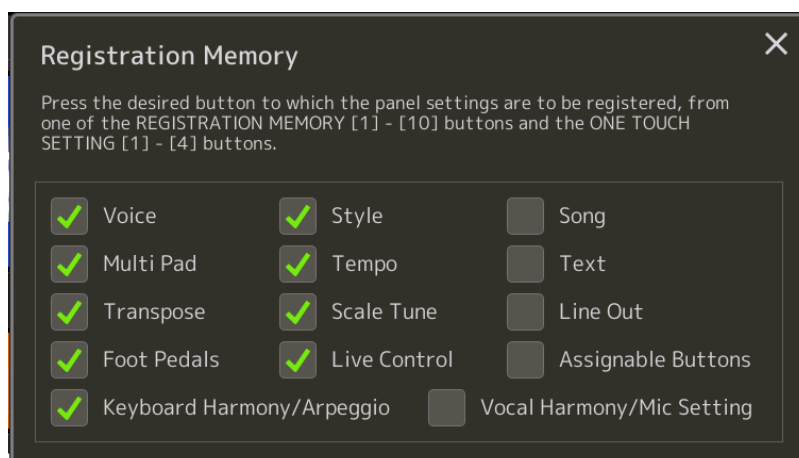
# Registration Memory

Registration Memory is a “comfort blanket” to many existing customers. It is a familiar feature that is used to capture and store virtually all panel settings. These settings can then be recalled at the push of a button.

Genos has expanded upon the now familiar Registration Memory concept. Probably the most visual enhancement is that there are ten registration buttons allowing for even more creative potential. This is also a popular change amongst software providers as it allows a greater level of content to be delivered to the end user.

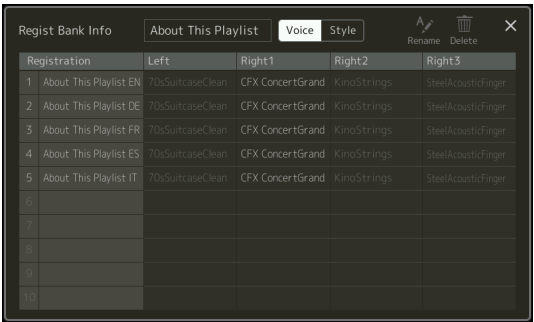


The following settings are able to be stored in a Registration Memory button:



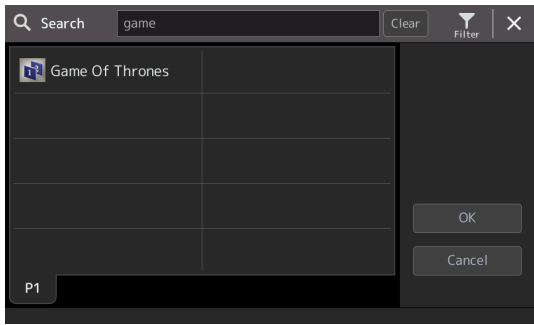
## Saving Registration Memories

The process of saving a Registration Memory is now familiar across the Yamaha product line – and is further simplified through the touch screen facility of Genos.



# Viewing Registration Information

Genos makes it easy to see what information is stored in a Registration Memory through the Registration Bank information screen. Now designed to be clear and easy to use, registrations are displayed in rows with important information such as Voice and Style information viewable at the touch of a button. Other operations such as renaming and deleting individual registration settings can also be found here.



# Registration Memory Search

Genos introduces a simple and familiar way to quickly find desired Registration Memory banks. Users can now search and filter their banks through the Registration Bank screen.

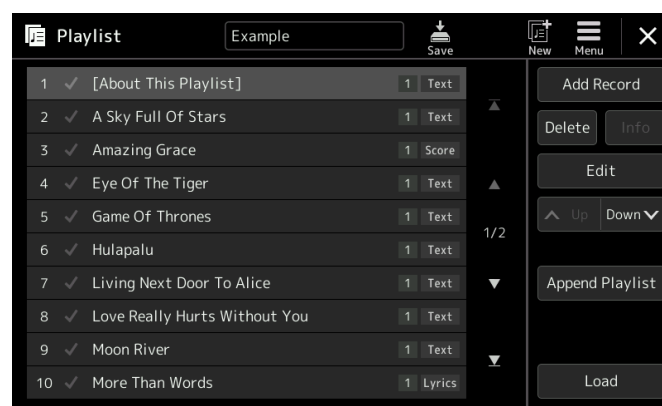
## Compatibility of Registration Memory files

Many existing users of Tyros keyboards have amassed huge amounts of Registration Memory data. With this in mind, Genos is compatible with Registration data from many former models.

# Playlist

Playlist is an exciting new feature on Genos. Within this area, large amounts of Registration Memory data can be organised into simple set lists – either for live performance, or just easy access to information.

Each Playlist record can directly recall a specific Registration Memory within any Registration Memory Bank. This is especially useful for live performance as Registration Banks need not be specifically organised for each event. Each Playlist record can then be stored into a single Playlist file.



## Playlist and Music Finder

Music Finder was found on previous models of keyboard and allowed for a Style and OTS to be saved under a title for searching and recall. However, Playlist furthers this idea greatly and allows not only OTS data to be used – but any user settings. This presents a fantastic opportunity for content providers.

Music Finder information from previous instruments can be imported into the Playlist section. This means that User Music Finder files will not be lost in the move from another Yamaha workstation to Genos. Instead, previous information can be imported and used within the Playlist section where the enhancements and flexibility can be enjoyed.

The imported Music Finder Records will be converted to Registration Memory Bank files and saved to a folder (with the same name as the imported file) in the User drive of Genos. At the same time, a Playlist of the converted Registration Memory Bank files (with the same name as the imported file) will be created in the USB flash drive. The Music Finder settings are registered to the Registration Memory number [1] for each Bank.



# Working with Playlist

Playlist is extremely useful for working with large amounts of data, and for managing multiple set lists for live performance. Each performance can have a dedicated Playlist, without the need to duplicate, or move, large amounts of Registration Memory Banks.

Regist Bank Info

About This Playlist

Voice

Style

A

Rename

🗑

Delete

✕

Registration		Left	Right1	Right2	Right3
1	About This Playlist EN	70sSuitcaseClean	CFX ConcertGrand	KinoStrings	SteelAcousticFinger
2	About This Playlist DE	70sSuitcaseClean	CFX ConcertGrand	KinoStrings	SteelAcousticFinger
3	About This Playlist FR	70sSuitcaseClean	CFX ConcertGrand	KinoStrings	SteelAcousticFinger
4	About This Playlist ES	70sSuitcaseClean	CFX ConcertGrand	KinoStrings	SteelAcousticFinger
5	About This Playlist IT	70sSuitcaseClean	CFX ConcertGrand	KinoStrings	SteelAcousticFinger
6					
7					
8					
9					
10					

# Optional Extras for Genos

## L-7B Stand

For years, the L-7 stand has become known for its stability and reliability. Now redesigned, the L-7B perfectly matches the new image of Genos.



## GNS-MS01 Speaker System

The ideal companion for Genos when in the home, or as monitor speakers in a live situation. The GNS-MS01 features a vertical subwoofer with removable power cable and front positioned power button.

The subwoofer is connected to Genos through one cable leading to very little cable management. Each satellite speaker of the GNS-MS01 mounts securely to the Genos each with its own dedicated jack to jack connector.





# Genos Upgrade Guide

Familiar functions and where to find them  
Compatibility with previous instruments explained



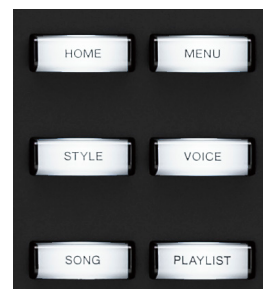
## Introduction

Genos revolutionises what can be expected from a Digital Workstation. For years, Tyros has lead the market and has garnered a huge following.

With the introduction of Genos, a new interface has been created to give easy access to features and settings.

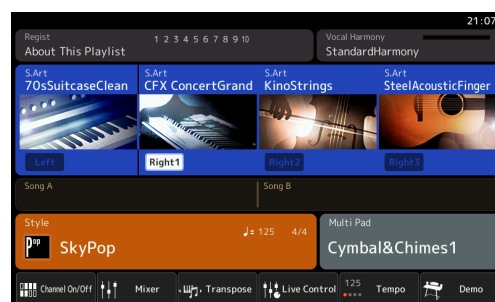
# Gateway Buttons

Frequently used areas within Genos, such as Song Mode, Playlist, Voice settings and Style selection are quickly accessible via Gateway buttons.



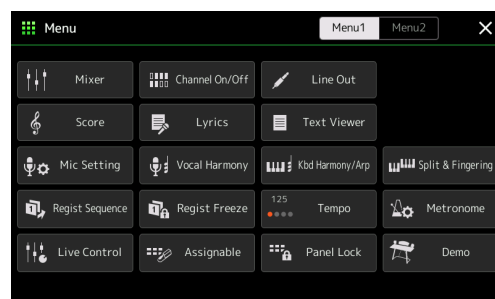
## Home

The Home gateway button gives quick access to the Home screen from any menu.



## Menu

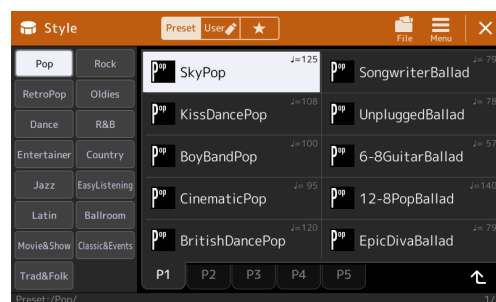
The Menu button gives access to key functions and settings within Genos.





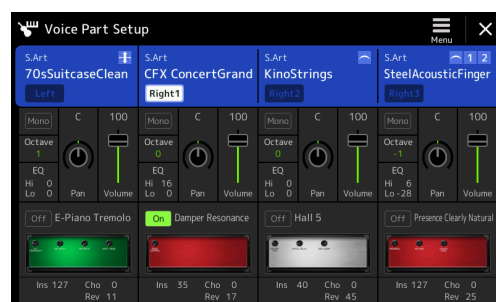
## Style

The Style button navigates to the Style selection screen, where the newly created Style library can be browsed and selected. The Style categories have been greatly improved and expanded to incorporate new categories including "Retro Pop", "Oldies", "Easy Listening" etc.



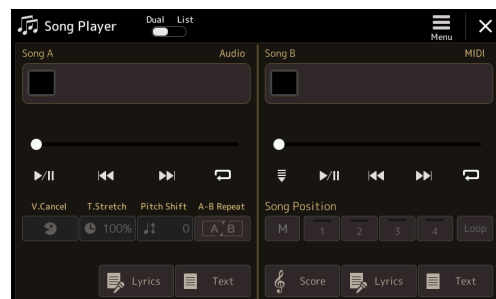
## Voice

The Voice Gateway displays the four voice parts: Right 1, Right 2, Right 3 and Left. Key settings for the voice and DSP effects can be adjusted here.



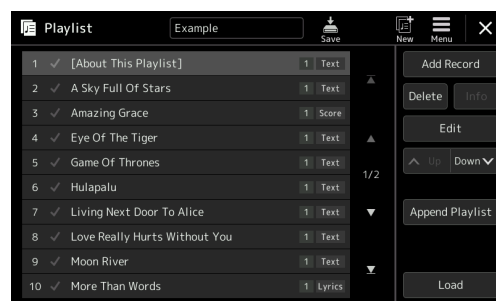
## Song

Within Song Mode, both players (MIDI & Audio) are accessible.



## Playlist

Navigates directly to the Playlist section of Genos where set lists can be created and organised.



# What's new in Genos?



## Live Controls

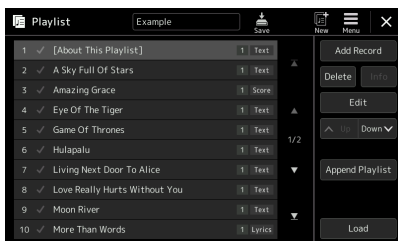
The nine faders and knob controls allow Voices, effects and other parameters to be controlled live. This gives quick access to mixer functionality, Organ Flutes and many other settings.

### Knob Assign

Switches between three different "Assign Types". The parameters are indicated in a separate display above the controls.

### Slider Assign

Retrieves three sets of different Fader "Assign Types", two of which are customisable. Slider and Knob Sets can be saved in Registration Memory.



## Playlist

Playlist is a new way to interact with Registration Banks. It allows not only the selection of a Bank, but also a specific Registration. By doing this, set lists of tracks can be built up allowing for quick access for live playback.



## Extended Registration Memory

Registration Memory saves all settings of the control area including Live Control sets alongside other important settings for instant recall. Each Registration Bank now has ten memories.

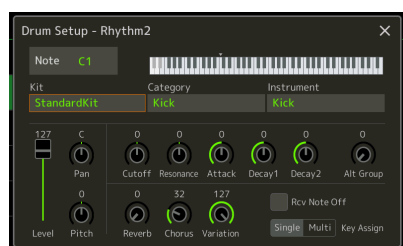
While saving a Registration memory, it is possible to choose what exactly is saved. An unlimited number of registration banks can be saved, depending only on the capacity of the storage device.

Loading individual settings is possible by using the Freeze button.



## Revo Drums

This Yamaha technology is used in Drum Kit Voices for the first time. Each drum or cymbal has been individually sampled more than 20 times. Algorithms ensure a different sample is chosen each time a drum or cymbal is played. Revo Drum voices transforms Style and MIDI file drum tracks making them sound as dynamic as a live performance.



## Drum Setup Editor

In order to edit drum sounds, there is a graphic Drum Setup Editor available in the Style Creator. Here, every single percussion instrument can be changed, edited, and saved within the Style



## Joystick

The newly developed Joystick can not only control pitch and modulation at the same time, it is also able to change volume-curves and effects in real time. The setting can be held with the MODULATION-HOLD button.



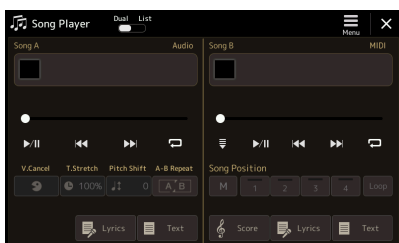
## High quality Output

The way an instrument sounds through an amplifier or speaker is determined by the quality of the digital-to-analogue converter (DAC). For the analogue outputs (Main Stereo L/R+4 Sub Out), Genos uses new professional DACs. This way, Genos sets new standards in quality for Digital Workstations.



## Digital Out

In addition to six analogue outputs (Main Stereo L/R + 4 Sub Out), Genos is also equipped with a digital output. Here, the 24bit digital signal is transferred through a RCA- cable enabling an entirely lossless, high quality sound signal in studio environment or live on stage.



## MP3 Audio playback with Lyrics

Alongside .wav files, Genos also plays .mp3 audio files. If these contain lyrics (MP3+G or Midiland Lyricke), they are shown in the display.



## Harmony & Arpeggio

An arpeggiator is now required in many types of music. In addition to the Harmony function, Genos is equipped with an extensive arpeggio library with over 215 entries covering a wide range of musical styles.



## Professional Mic Input with Phantom Power

The new microphone input in Genos can support a wide range of professional options. For the first time 48v Phantom Power means that Condenser mics can be powered directly from Genos.

The high-quality effects included with Genos can also be used alongside the microphone for a professional finish.

\*Phantom Power should only be used with compatible condenser microphones.

# Compatibility

Using data from the Tyros series in Genos is very easy. All contents that are not copy-protected can be transferred using a USB device. Since Registration data is also compatible, changing to Genos is made quick and easy, especially for stage musicians on a tight schedule.

## Expansion Packs

Users of Yamaha Expansion packs from Yamaha MusicSoft will be provided with upgraded Genos data, available to download through their user account.

## Registration Memory

Registration data from Tyros2 upwards is instantly compatible with Genos. All sounds from the Tyros series are directly selected by the loaded Registration. The Style selection is upgraded to the new Genos Style automatically.

## Styles

All User Styles are compatible with Genos and can be edited and saved at will. OTS Settings in the Styles are preserved and can be adjusted individually if desired.

## Audio

Audio files can be played using both built-in players without interruption. Compatible MP3 files can also be displayed with lyrics.

## MIDI Files

Existing MIDI files can be played directly in Genos. All edits including Song Position Points (SP1-4) are loaded without conversion.

## MegaEnhancer

Using the new MegaEnhancer software, MIDI files can be automatically upgraded to the most recent Voices in Genos.

## Tyros Expansion Packs in Genos

Genos includes a 1.8gb expansion memory for packs. Users of Yamaha Expansion packs from Yamaha MusicSoft will be provided with upgraded Genos data, available to download through their user account. New content specifically developed for Genos will also be available.

Using Expansion Manager, Expansion Packs are compressed into a loadable file which can then be loaded into Genos using a USB stick, or transferred wirelessly via WiFi.

## Music Finder Files

Music Finder files are converted to Registration Banks in the Genos and can be used immediately.

1. Save the Music Finder file to a USB stick.
2. Connect the USB stick to the Genos and select Playlist.
3. Click on the File Selection Box and chose the respective Music Finder file from the USB stick.

Every entry is converted to a Registration Bank with the name of the Music Finder record. A Playlist File is also created and saved to the USB stick.



# Connectivity

## Video Out via USB

In order to show the contents of the touch screen on an external device, a USB 2.0 video adapter is required. When connected to Genos (USB-to-device), a respective menu appears in the Utility area.

\*Check the Yamaha website for compatible adapters.

## Integrated WiFi

Genos features a built-in WiFi interface for a wireless network connection. A connection to an existing network (Infrastructure Mode) or an Access Point can be established. Choose a network from the list to connect to it.



## Genos and Songbook+

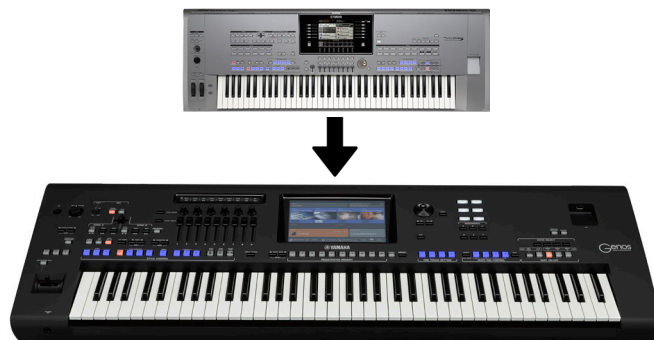
Songbook+ is already established as the professional's choice in performance data management.

Designed for iOS devices, this application offers unprecedented compatibility with Genos.

With the launch of a new era of Digital Workstation, Songbook+ offers a unique 2-way integration with Genos allowing data to be selected within the app or directly through the keyboard. This also takes further advantage of the built-in WiFi connectivity of Genos.

# Moving from Tyros5

The easiest way to transfer user data from Tyros5 to Genos is to use a USB storage device and a computer.



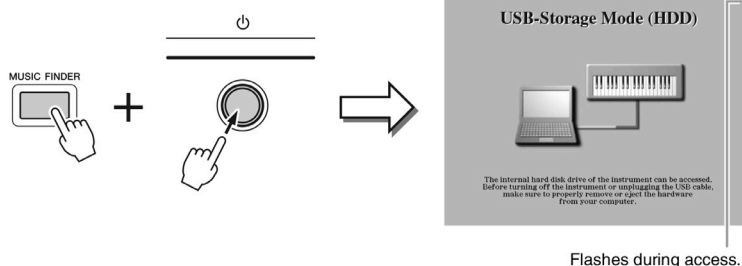
## Preparation

All user data must be stored in the Tyros5's HDD (HD1). This data shouldn't be stored in the 'user' memory area and any Registrations cannot link to other data within 'user'.

## Transferring data

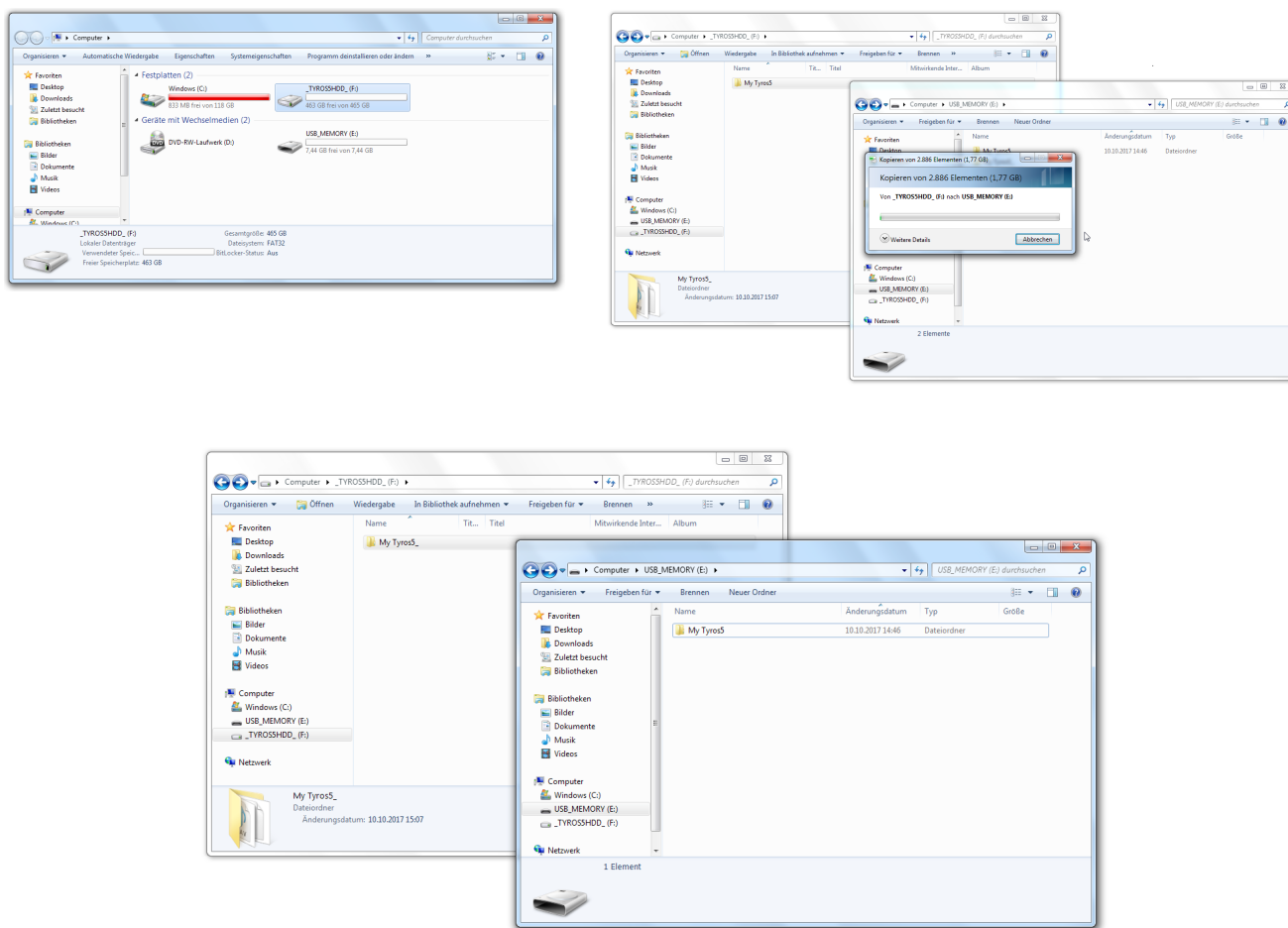
With the keyboard turned off, connect the Tyros5 to a computer using the USB-to-Host port.

Hold down the Music Finder button and turn the Tyros5 on. After a moment, the internal hard drive will appear as a new drive within your computer. The Tyros5 will display a "USB storage Mode" screen.



Flashes during access.

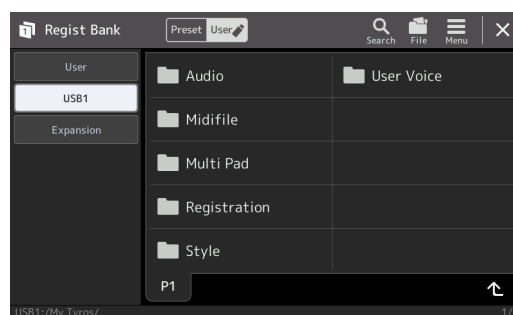
## Copy all the data from Tyros5's hard drive



After the process is complete, be sure to 'safely remove hardware' before switching off the Tyros5 and disconnecting the USB cable.

The data saved on the computer can now be copied to the root of an empty USB memory stick. Do not change the names or structure of any files or folders. Alternatively the data can be copied directly from the Tyros5's hard drive to USB memory stick, without having a security backup on your computer.

Connect the USB memory stick to Genos, switch on, find the same folder structure and select the Registration data.



# Notes



YAMAHA MUSIC EUROPE GmbH

[www.yamaha.com](http://www.yamaha.com)