

# 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.



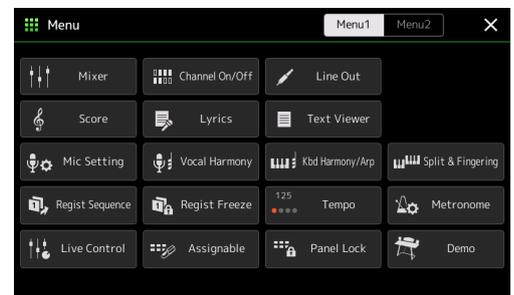
## Home

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



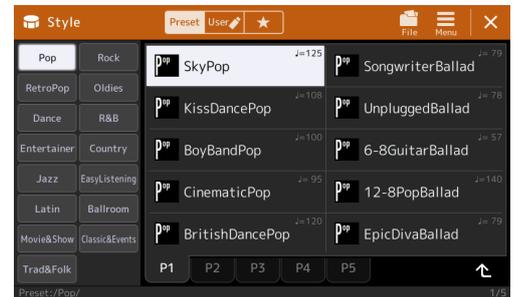
## Menu

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.



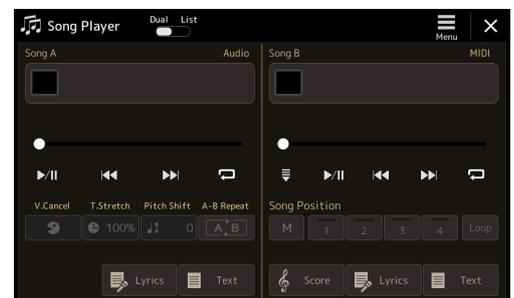
## Voice

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.



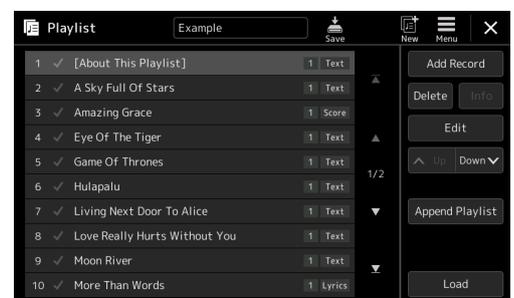
## Song

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 transform 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

## 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.



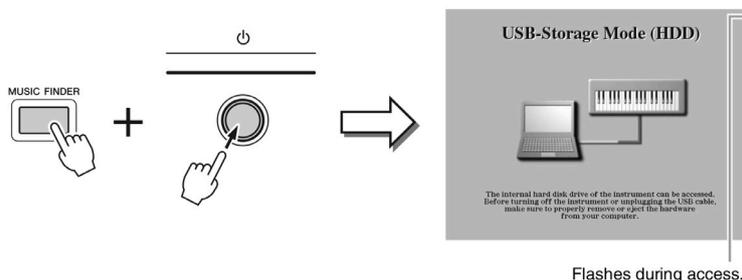
## Preparation

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'.

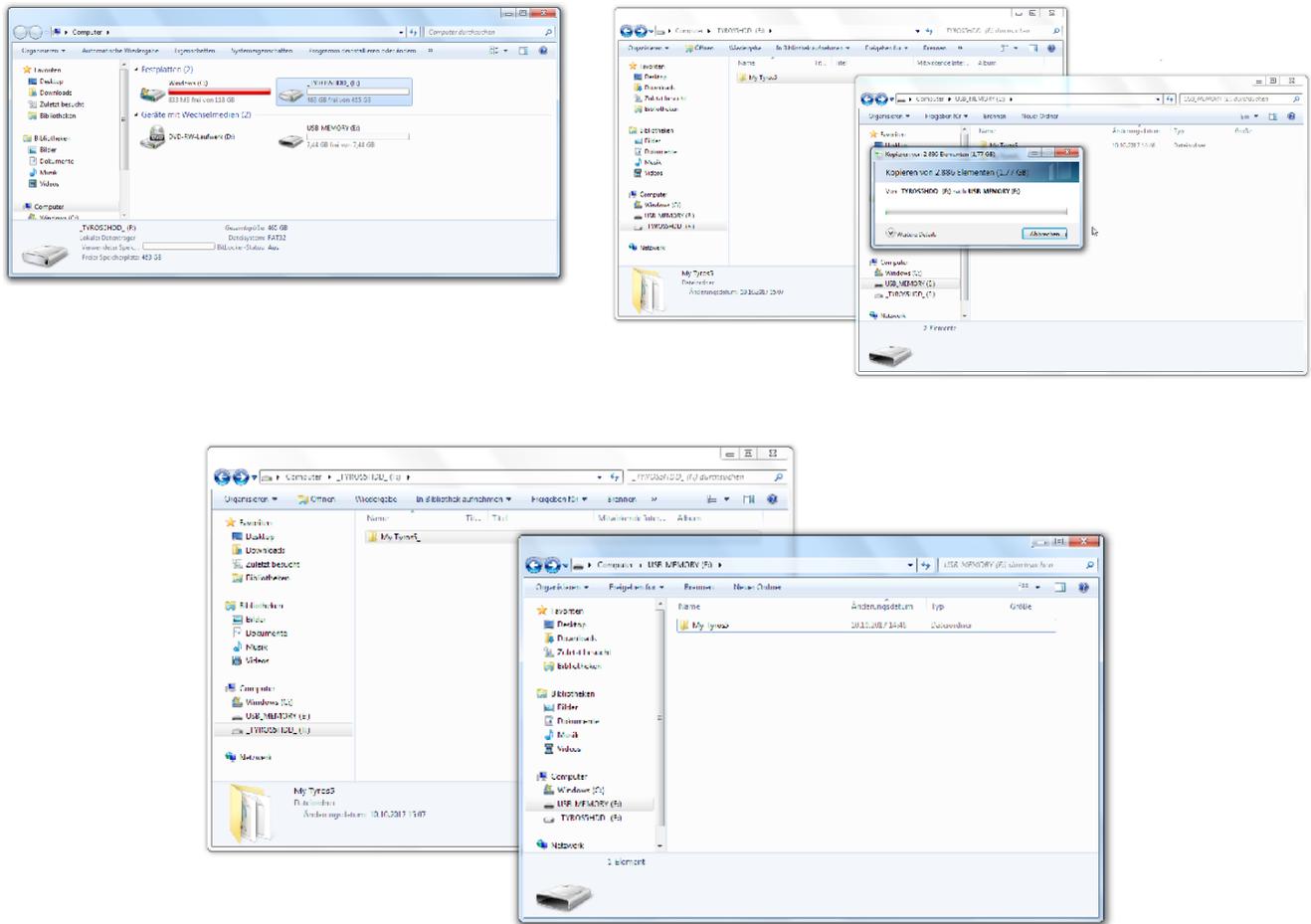
## Transferring data

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.

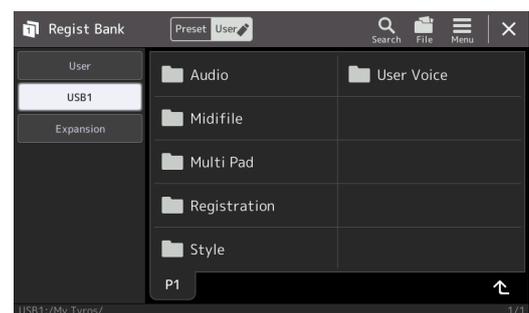


## Copy all the data from Tyros5's hard drive



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. Make sure that only one USB device is connected when booting up - this will effect the order in which the device is reconised. Any other USB memory stick can be used additionally after the booting process of Genos is complete.

# Notes



YAMAHA MUSIC EUROPE GmbH

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