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

Take Control of Your Music
Experience Breathtaking Sound

Powered by specially developed Yamaha technology, the sonic quality of every Voice in Genos is beyond anything you’ve ever played. Everything you hear, whether it be the beautiful CFX piano, the lush Kino Strings or the punchy Revo Drums, it just blows you away!

AEM
AEM (Articulation Element Modeling) technology simulates the characteristics of musical instruments. During a performance the technology sounds appropriate samples, in real time, according to what and how you play. Samples are smoothly joined and articulated—as would naturally occur on an actual acoustic instrument.

Revo!Drum Kits
Revo!Drum Kits recreate the most authentic sound of drums. Even when playing the same key multiple times, the sound is always of a different nuance, making it incredibly natural and realistic.

Effects
From Reverb to Distortion, Rotary Speaker to Compressor, 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 a stunning graphical user interface.

Content
Whether you create or perform music, you need great content. Genos features a diverse range of contents, starting from 1,710 instrument sounds, 350 backing patterns, 236 arpeggios and more.

Ready to go content
Genos features stunning contents which will inspire you from the moment you start to play.

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.

Yamaha Expansion Manager
YEM is a PC/Mac software designed to manage the Expansion contents for Yamaha keyboards, and even enables you to create your own new sounds and loops.

Vocal Harmony & Synth Vocoder
You can automatically apply various Vocal Harmony effects to your voice as you sing, or you can use the Synth Vocoder to craft the unique characteristics of your voice onto synthesizer and other sounds.

Yamaha Expansion Manager
YEM is PC/Mac software designed to manage the Expansion contents for Yamaha keyboards, and even enables you to create your own new sounds and loops.

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

The best sound quality ever on a Digital Workstation

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Control Your Music

Control your music with new Live Controllers

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.

Live Control view
The Live Control view provides instant visual confirmation of your adjustments of knobs and sliders without interrupting the main display.

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

Touch screen
Select and change parameters directly with the new 9” colour touch screen.

Assignable buttons
While performing, you often need to act fast to access certain features. Choose from a range of functions to set to the 6 assignable panel buttons and with just a single touch, you can instantly recall your desired function.

Style Engine
Genos features a variety of rhythmic backing patterns and accompaniments (called “Styles”) in a variety of different musical genres. Styles feature sophisticated patterns to inspire your creativity. You give the idea and Genos will react to you.

Registration Memory
The Registration Memory function allows you to save (or “register”) virtually all panel settings to a Registration Memory button, and then instantly recall your custom panel settings by simply pressing a single button.
Recording function (MIDI/Audio)
Quickly record your performance as audio (WAV) or Standard MIDI File (SMF) with the Quick Recording feature. For more complex arrangements, Multi Recording features a fully functional 16-track MIDI sequencer with realtime and step-time functionality. When you’re happy with your recording, it can be stored to the internal User Drive or saved to USB Memory for easy sharing.

Digital output
The new S/PDIF Digital output can be connected to compatible studio equipment or home theatre to output audio from Genos without any loss in quality.

Arpeggio
Genos has 216 Arpeggios to enhance your performance. There are a variety of arpeggio types, some are straightforward instrument arpeggios, others recreate strumming guitar effects and controller arpeggios automate Live Control by adjusting sound filters in realtime as you play.

High quality keyboard action
The FSX keyboard features a premium action with aftertouch. The keys are created in a high-precision manufacturing process for an incredibly durable keyboard, enhanced key stability and “float” action. The 76-key professional keyboard features enhanced touch response allowing for highly expressive and dynamic performances.

Direct Access
The Direct Access feature provides a shortcut to a wide variety of Genos functions. Simply press the Direct Access button followed by another panel button or footswitch to jump directly to relevant controls in the display.

Shaping Your Idea
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Turn great ideas into reality
Start from the original idea of a song, pick an instrument Voice and Style of your choice. Play and work out the arrangement and capture it as a MIDI song. Then, overdub some sounds and create your demo or even your finished track.
Deliver Your Best Performance

Enhance your performance

Whatever genre of music you wish to perform, Genos is ready to accompany you with world-class arrangements, punchy drums and powerful DSP. Never has there been a more perfect personal backing band.

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 cross fade between two audio files with the new Dual Player. The Dual Player can play back two Audio Songs (or one Audio Song and one MIDI Song) simultaneously and make smooth transitions between them.

Add some flavor to your performance

The Multi Pads can be used to play a number of short pre-recorded rhythmic and melodic sequences that allow you to add impact and variety to your keyboard performance.

Audio Link Multi Pad

Multi Pads do not only work with MIDI data, they also allow you to create unique, new pad content with your own audio (WAV) data for playing back during your performance.

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 24bit 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.
MEGAEnhancer

MEGAEnhancer is a software program that converts XG/GM song data (Standard MIDI File) to SoundFont and REX formats, you can even create your own original Voices and Premium Packs will expand your music library by adding new Voices, Styles, and more. It gives you a new instrument sound at the same or even higher quality than the factory preset sounds. 

Cubase

Cubase is one of the most popular digital audio workstations of our time. With Cubase, you can record your performance into separate MIDI tracks then arrange, edit the playing data after you recorded into Cubase. 

Product Planning

Before development could start, we needed to make a plan. We visited many Digital Workstation plugin developers and gathered ideas and opinions about a new product and discovered they wanted something which would best their expectations, something surprising and exciting. So, we went back to the drawing board and made plans not just for a new flagship but for an entirely new generation of Yamaha Digital Workstation. We call it “Genos”. With Genos, we wish musical fulfillment to everyone “generating” music with it. 

Hardware Engineering

For Genos, we worked especially hard on delivering great sound and making an easy-to-use yet performance focused user interface. We re-designed the structure at component level to achieve a crystal clear sound output and a high performance microphone input. By adding the knobs, sliders and sub-display, we have created an intuitive interface for performers to be able to shape their sound in real-time. We hope you believe Genos will delight the users. 

Software Engineering

In the software engineering team, we took time to carefully consider and understand the users and how they want to use this product. As a result, we decided to make the software completely new. Although challenging, we always arrived to create the best tool for our users and we are proud of the engine we have developed for Genos. With the intuitive Home Screen Interface, Live Control with context aware Sub-Display, Playlist with search functionality and Assignable Buttons providing quick access to features in the main display, we believe Genos will delight the users. 

Sound Designing

As you can see, a keyboard instrument, Genos has very unique shape. It was a big challenge to transfer the designer’s idea into reality, but we made it! The rounded bottom shape of Genos was probably most challenging part to realise. We had to ensure the absolute stability of Genos on keyboard stands whilst achieving the designer’s wish for a rounded arc shape. Please enjoy looking at the instrument as well as playing it! 

Product Design

To design Genos I needed to understand how the instrument will be used in real life. So I travelled to many venues and experienced Digital Workstations being played live at a variety of music events. From the performers view a clear, unobtrusive shape is preferred, allowing them to concentrate on delivering their performance. As an audience member, I noticed I mostly saw the bulky and boxy backside of keyboards, which created a barrier between the audience and performer. I imagined a design with a Static shape for the performer and a Dynamic shape for the audience. I wanted to emphasise the performer, to make them stand out on stage, to allow for connection between musician and audience. To do this I used a arc shape, which is a reflection of the musician’s arms, introducing dynamics and movement to the design, synchronizing musician, Genos and audience. I really hope you enjoy playing and watching performances on the Genos. 

Premium Pack

Premium Packs will expand your music library by adding new Voices, Styles, and more. It gives you a new instrument sound at the same or even higher quality, than the factory preset sounds. 

SongBook+

SongBook+ is the fit-for-app stage for iPad that allows you to have your songs with lyrics, music notation and more on hand when performing. With Genos it’s very easy to link the selection of a song on iPad to the corresponding registration on the keyboard and vice versa. SongBook+ has received many positive reviews of enthusiastic musicians. 

Yamaha Expansion Manager

Yamaha Expansion Manager (YEM) is mission control for managing Expansion content on your keyboard. Reorganise and install Expansion Packs comprising of Voices, Styles, Registrations and more. With support for NAR, AFX, SoundFont and REX formats, you can even create your own original Voices and Drum Kits and install on your keyboard.

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### Panel Controls & Terminals

#### Top Panel
- [Standby/On] switch
- [DIRECT ACCESS] button
- ASSIGN buttons
- Touch LCD and related controls
- [DIRECT ACCESS] button
- [MIC GAIN] knob
- [MASTER VOLUME] dial
- [RECORDING] button
- [SONG A/SONG B] buttons
- [TAP TEMPO]/TEMPO buttons
- [STYLE CONTROL] buttons
- [REGISTRATION MEMORY] buttons
- [USB TO HOST] terminal
- [USB TO DEVICE] terminal
- [TO LEFT SPEAKER] jack
- [TO RIGHT SPEAKER] jack
- [TO SUB WOOFER] terminal
- [+48V] switch
- [USB TO DEVICE] terminal
- [MIC INPUT] jack
- Bangs
- BASS SYNTH buttons
- VIBRATO buttons
- TOUCH buttons
- [FUNCTION] button
- [KNOB] button
- [ASSIGNABLE FOOT PEDAL] jacks
- [FOOT PEDAL 1 (SUSTAIN)], 2 (ART.1), 3 (VOLUME), Function assignable
- DIGITAL OUT (Audio) Yes (coaxial)
- LINE OUT jacks
-Assignable Foot Pedal: FC7
- Foot Switch: FC5
- Wireless MIDI Adaptor: MD-BT01
- Headphones: HPH-50/HPH-100/HPH-150

#### Rear Panel and Bottom
- [ROTARY SP /ASSIGNABLE] button
- [UPPER OCTAVE] buttons
- [MIC] buttons
- [ART. 1]/[ART. 2]/[ART. 3] buttons
- [Joystick, [MODULATION HOLD] button
- [PHONES] jack
- [USB TO DEVICE] terminal
- Foot Pedal: L-7B

### Vital Specs

#### Overview
- **Type**: Synthesizer
- **Polyphony**: 256 (max.)
- **Preset Number of Voices**: 1,652 Voices + 58 Drum/SFX Kits
- **Sub Display Type**: OLED (Live Control view)
- **Main Display Type**: 9 inch Touch LCD
- **Compatibility Style File Format (SFF), Style File Format GE (SFF GE)
- **Preset Number of Styles**: 550
- **Controllers**: Joystick Yes

#### Keyboard
- **Number of Keys**: 76

#### Control Interface
- **Other Controllers**: Joystick Yes
- **Weight**: 13.0 kg (28 lbs., 11 oz.)
- **Dimensions (W x D x H)**: 1234 mm x 456 mm x 138 mm  (48-9/16" x 17-15/16" x 5-7/16")

#### Voice
- **Synth Vocoder**: 20 Preset + 60 User (*
- **Vocal Harmony**: 54 Preset + 60 User (*)
- **Part EQ**: 28 Parts
- **Master EQ**: 5 Preset + 2 User
- **Master Compressor**: 5 Preset + 5 User
- **Reverb**: 59 Preset + 3 User

#### Recording
- **Recording Data Capacity**: approx. 0.8 GB (80 minutes) per Song

#### Expansion
- **Expansion Voice**: Yes (approx. 1.8 GB)
- **Recording**: Yes (Internal Memory)
- **Storage**: Internal Memory (User Drive) Yes (approx. 58 GB)
- **External Drives**: USB flash drive
- **Mono/Poly**: Yes
- **Arpeggio**: Yes
- **Recording**: Yes (Multitrack Recording, MIDI Recording)
- **Data Capacity**: approx. 300 KB per Song

#### Options
- **Optional Speaker**:
  - Articulation2!
  - 82 MegaVoice
  - 40 Sweet!
  - 81 Cool!
  - 160 Live!
  - 24 Organ Flutes!
  - GNS-MS01

#### Specifications and appearances are subject to change without notice.