![YAMAHA Make Waves]

Genos2

YOUR NEXT MASTERPIECE

Pushing the boundaries of Arranger Workstation sound, our new flagship, Genos2, includes the legendary DX7 FM technology, cutting-edge Ambient Drums and Steinberg's acclaimed REVelation Reverb. With Style Dynamics Control you're in charge of the energy and dynamics of all 800 preset Styles, bringing a whole new musical dimension to Style playing. Together with the new brighter, anti-reflective display and Live Control LEDs, the features of Genos2 combine to deliver the richest of musical experiences.

More than 1900 Voices and 800 Styles
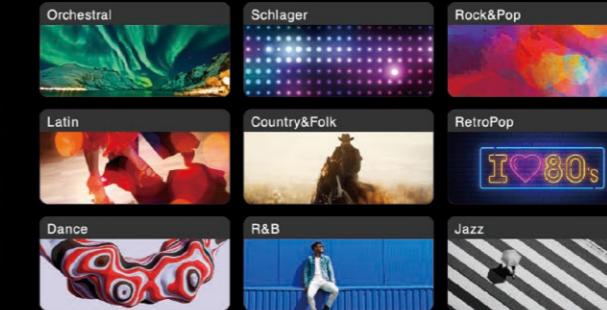
With over 1900 of the highest quality Voices and 800 Styles with One Touch Settings covering a vast array of musical genres, you will immediately be inspired to play your favorite songs or even create new musical ideas and compositions. Over 200 Styles are brand new, with all existing Styles being fully upgraded to use new Voices and effects, including FM tone generation and the ability to use Ambient Drums and Style Dynamics Control. The result is a high-end professional production.

One of the most important sounds for any keyboard player is the Piano, so we have not only added new Pianos, but also reprocessed existing Pianos to a much higher quality. The CFX, being Yamaha's flagship grand piano, now has more dynamic layers, 88 keys sampling and double length samples compared to its predecessor. In addition, we can choose from a Character Grand, which is a German 1980s well played-in piano, giving a more edgy yet rounded sound, perfect for Pop and Jazz music. The U1 Upright being Yamaha's top end Upright piano has been tuned to provide a contemporary flavor for modern Pop songs. If it's a more cinematic sound you're looking for, you can try the rich melancholy sound of the new Felt Piano.

S.Art2 Voices remain cutting edge in terms of their playability and realism, providing articulations and legato joins unparalleled in any hardware keyboard instrument. There are even more to choose from in Genos2, covering not only the full orchestral palette but also more ethnic flavors such as Duduk, Shakuhachi and Celtic Flute perfect for Movie scores.

Legendary FM Synthesis

In an Arranger Workstation first, Genos2 features a dual engine tone generator with not only AWM technology but now also FM synthesis.

FM has a rich, dynamic sound and powered Yamaha's legendary DX7, an instrument which defined the sound of the 1980s. The iconic DX7 presets and a range of new, modern FM Voices are integrated into the Styles and One Touch Settings and available to play at the touch of a button, bringing a warm, fresh sound to Genos2.

Ambient Drums
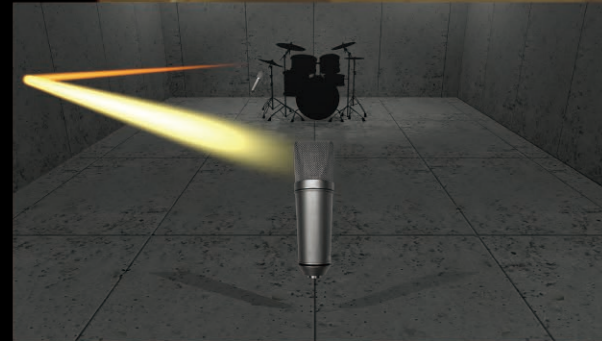
With the new Ambient Drums and using a single Live controller, you can choose anything between a punchy, dry, direct drum sound to a more distant, reflective, ambient room sound, providing endless possibilities for your Style playback. Drums are the backbone of any rhythm section so to have this level of control of the Drum sound will really enhance your playing experience.

Style Dynamics Control

For the first time in an Arranger Workstation the energy and dynamics of all Styles, including User Styles, can be adjusted using a simple Live controller. Whether you want your backing band to play at a soft pianissimo level, a hard fortissimo level or anything in between, the choice is now yours.

REVelation Reverb

Reverb is often overlooked but we experience it around us everyday. In Arranger Workstations, reverb is used on Voices, Styles, MIDI Songs, Multi-Pads and the Mic Input, which is why introducing REVelation Reverb from Steinberg has such a big impact on the sound of Genos2. REVelation is extremely high resolution, resulting in a transparent, natural sound, making it the perfect partner for an Arranger Workstation where the reverb must work across a wide range of Voices, Styles and even vocals.

INTUITIVE

INSPIRING

Controllers, now with LEDs

The knobs and sliders are a convenient way to control many aspects of your performance. Genos2's updated Live Control surface now has LEDs to indicate, at a glance, the position of controls, which now also include a 'catch' function, reducing the risk of unintended operation during performance.

Big, bright and clear displays

At the center of Genos2's operation is the large 9-inch touch screen which is now brighter, includes an anti-reflective coating and has been tilted an additional 5 degrees towards the player. Additionally, the sub-display now includes selectable light and dark modes. So whether you're performing indoors, outdoors or under stage lighting, the Genos2 displays will be clearly visible.
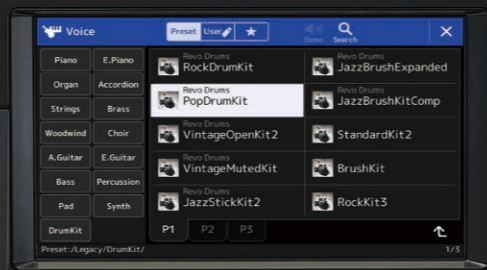
Playlist

Playlist is the best way to organize Registration Memory banks into convenient Playlists for instant recall during performance.
With the updated user interface, Playlist entries can be sorted A to Z, or Z to A, you can jump alphabetically through Playlist records as well as filter for a specific term in the records.
If you are importing MusicFinder records from an older instrument, the Style name will be automatically included in the new Playlist record name.

Vocal Harmony

Vocal Harmony presets, including standard duet, jazzy quartet, big choir and more, can be applied to your voice, adding multiple harmony parts and effects.
Be creative with the Synth Vocoder, manipulating synthesized sounds just by singing into a mic. Vocal Harmony gives the performer a wide range of vocal expression and possibilities which can be enjoyed at home or on stage.

Lyrics display

Connect your Genos2 to an external display or TV using the new HDMI port.
Perfect if you're entertaining a crowd or hosting a party, you can instantly show the lyrics of your MIDI and Audio songs for everyone to see and sing-along.
In addition, you can also mirror the main display or view a musical score, which can be useful if you're playing in a duo or band.

Chord Looper

The new panel buttons provide quick access to recording and playing back chord sequences in realtime.
Whether you wish to free up your left hand to play full piano, build up sections of a song or practice a difficult piece of music, the Chord Looper enables you to store up to 8 chord sequences in each bank for easy access during your performance.
You can create an unlimited number of banks with your own chord progressions, or choose from a range of built-in presets.

With it's powerful Voices, Styles, DSP and functionality, Genos2 is a versatile Arranger Workstation you can rely on whether it's being used at Home, on Stage or in the Studio.

DISCOVER, CREATE, INNOVATE
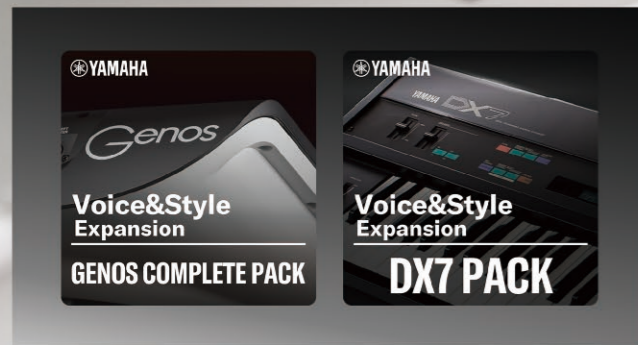
Premium Pack

Genos2 includes Expansion memory, which means new Voices and Styles can be added in the future. By simply registering your Genos2, you can download the DX7 Pack, which adds to the preset Voices, completing the collection of 128 original Voices from DX7.

In addition to exclusive expansion packs for Genos2, there's already a growing library of free Voice & Style Expansion packs for you to choose from. The packs providing everything from new Voices, Styles, One Touch Settings to Multi-Pads, enabling you to personalize your Genos2's content.

MIDI Song to Style

The magic begins by dragging and dropping your MIDI file into the application. In Easy mode, the conversion to a Style is automatic. Simply save the result and play the Style on your Arranger Workstation.

In Edit mode you can personalize how your Style is created. For example, choose which tracks from the MIDI file should be used in your Style. Specify which regions of the MIDI file are used to make each of the style sections, or even revoice and remix to craft your perfect Style.

The application is free of charge and available for download from www.yamaha.com/2/midisong_to_style

Bluetooth® Audio

With your Bluetooth device connected wirelessly to Genos2, you can enjoy to play along with your favorite songs or even record everything you hear, using the onboard audio recorder.

USB Audio

The new USB Audio Interface allows for studio-quality audio to be recorded using the Rec'n'Share app or any DAW with just a single USB cable. Great for sharing your performance with your friends or for high quality music production.

Panel Controls & Terminals

Top panel

1 [⏻] (Standby/On) switch
2 [MASTER VOLUME] dial
3 [MIC GAIN] knob
4 MIC buttons
5 UPPER OCTAVE buttons
6 [ART. 1]/[ART. 2]/[ART. 3] buttons
7 Joystick, [JOYSTICK HOLD] button
8 [PHONES] jack
9 Cross Fader
10 SONG A/SONG B buttons
11 [RECORDING] button
12 STYLE CONTROL buttons
13 CHORD LOOPER buttons
14 [TAP TEMPO]/TEMPO buttons
15 TRANSPOSE buttons
16 LIVE CONTROL (view/knobs/sliders)
17 Touch LCD and related controls
18 Gateway buttons
19 ASSIGNABLE [1]–[3], [A]–[F] buttons
20 DIRECT ACCESS button

21 REGISTRATION MEMORY buttons
22 ONE TOUCH SETTING buttons
23 MULTI PAD CONTROL buttons
24 VOICE SELECT buttons
25 PART ON/OFF buttons
26 [HARMONY/ARPEGGIO] button
27 [SUSTAIN] button
28 [USB TO DEVICE] terminal

Rear Panel and Bottom

29 Slots
30 [TO RIGHT SPEAKER] jack
31 [HDMI] terminal
32 [USB TO DEVICE] terminal
33 [USB TO HOST] terminal
34 MIDI terminals
35 [TO SUB WOOFER] terminal
36 LINE OUT jacks
37 AUX IN jacks
38 ASSIGNABLE FOOT PEDAL jacks

39 MIC INPUT jack
40 [+48V] switch
41 AC IN jack
42 [TO LEFT SPEAKER] jack
43 [USB TO DEVICE] terminal (underneath the instrument)

Specifications

Size/Weight		
	Dimensions (W × D × H)	1,234 mm × 456 mm × 151 mm (48-9/16″ × 17-15/16″ × 5-15/16″)
	Weight	14.2 kg (31 lb, 5 oz)
Control Interface		
Keyboard	Number of keys	76
	Type	Organ (FSX), Initial Touch/Aftertouch
	Touch Response	Normal, Easy1, Easy2, Soft1, Soft2, Hard1, Hard2
Other Controllers	Joystick	Yes (Assignable)
	Knobs	6 (Assignable, with LED gauge)
	Sliders	9 (Assignable, with LED gauge), Cross Fader
	Assignable buttons	9 (A–F, 1–3)
	Articulation buttons	ART. 1, ART. 2, ART. 3
Main Display	Type	TFT Color Wide VGA LCD
	Size	800 × 480 dots, 9 inch
	Touch Screen	Yes
	Language	English, German, French, Spanish, Italian
Sub Display	Type	VA LCD (LIVE CONTROL VIEW)
	Size	512 × 48 dots
	Language	English
Panel	Language	English
Voices		
Tone Generator		AWM Stereo Sampling, AEM technology, FM
Polyphony (max.)		384 (128 for Preset AWM Voices + 128 for Expansion AWM Voices + 128 for FM Voices)
Preset	Number of Voices	1,991 Voices + 75 Drum/SFX Kits
	Featured Voices	106 S.Articulation2, 437 S.Articulation, 141 FM, 123 MegaVoice, 25 OrganFlutes, 11 Ambient Drums/SFX, 11 Revo Drums/SFX
	Ensemble Voices	95
Compatibility		XG, GM, GM2 (for Song playback)
Keyboard Parts		Right 1, Right 2, Right 3, Left
Effects		
Types	Reverb	85 Preset + 30 User
	Chorus	107 Preset + 30 User
	DSP	Variation: 363 Preset (with VCM) + 30 User, Insertion 1-28: 363 Preset (with VCM) + 30 User
	Master Compressor	5 Preset + 30 User
	Master EQ	9 Preset + 30 User
	Part EQ	28 Parts
	Vocal Harmony	54 Preset + 60 User (*) * The User number represents the total of Vocal Harmony and Synth Vocoder.
	Synth Vocoder	20 Preset + 60 User (*) * The User number represents the total of Vocal Harmony and Synth Vocoder.
	Others	Mic Effect: Noise Gate, Compressor, 3 Band EQ, Vocal Effect: 23
Styles		
Preset	Number of Styles	800
	Featured Styles	720 Pro, 69 Session, 11 Free Play
	Fingering	Single Finger, Fingered, Fingered On Bass, Multi Finger, AI Fingered, Full Keyboard, AI Full Keyboard
	Style Control	INTRO × 3, MAIN VARIATION × 4, FILL × 4, BREAK, ENDING × 3
	One Touch Setting (OTS)	4 for each Style
Other Features	Chord Looper	Yes
	Style Section Reset	Yes
Compatibility		Style File Format (SFF), Style File Format GE (SFF GE)
Expandability (Expansion Packs)		
Expansion Voice		Yes (approx. 3 GB)
Expansion Style		Yes (Internal Memory)
Expansion Audio Style		Yes (Internal Memory)
Songs (MIDI)		
Preset	Number of Preset Songs	9 Demo Songs, 1 Preset Song
Recording	Number of tracks	16
	Data capacity	approx. 3 MB per Song
	Function	Quick Recording, Multi Track Recording, Step Recording
Format	Playback	SMF (Format 0, Format 1), XF
	Recording	SMF (Format 0)
Songs (Audio)		
Recording	Data Capacity	approx. 0.8 GB (80 minutes) per Song
Format	Playback	WAV (44.1 kHz, 16 bit, stereo), MP3 (44.1/48.0 kHz, 64/96/128/256/320 kbps or VBR, mono/stereo)
	Recording	WAV (44.1 kHz, 16 bit, stereo)
	Playback (Multi)	.aud (Genos original: 44.1 kHz sample rate, 16 bit resolution, stereo)
	Recording (Multi)	.aud (Genos original: 44.1 kHz sample rate, 16 bit resolution, stereo)
Time Stretch		Yes
Pitch Shift		Yes
Vocal Cancel		Yes

Multi Pads		
	Number of Multi Pad Banks	507 Banks × 4 Pads
Audio Link		Yes
Functions		
Voices	Harmony/Echo	Yes
	Arpeggio	Yes
	Panel Sustain	Yes
	Mono/Poly	Yes
Styles	Style Creator	Yes
	OTS Information	Yes
Songs	Score Display function	Yes
	Lyrics Display function	Yes
	Lesson/Guide	Follow Lights, Any Key, Karao-Key, Your Tempo
Multi Pads	Multi Pad Creator	Yes
Registration Memory	Number of buttons	10
	Control	Registration Sequence, Freeze
Playlist	Number of Records	2,500 (max.) Records per Playlist file
Search		Yes
Demo		Yes
Overall Controls	Metronome	Yes
	Tempo Range	5 – 500, Tap Tempo
	Transpose	
	Scale Type	9 Types
	Tuning	414.8 – 440.0 – 466.8 Hz (approx. 0.2 Hz increments)
	Octave button	Yes
	USB audio interface	44.1 kHz, 32 bit, stereo
Miscellaneous	Direct Access	Yes
	Text/Image Display function	Yes
	Wallpaper Customization	Yes
Storage and Connectivity		
Storage	Internal memory (USER Drive)	Yes (approx. 15 GB)
	External drives	USB Flash drive
Connectivity	Headphones	Standard stereo phone jack (PHONES)
	Microphone	Yes (Combo Jack), Phantom Power (+48V) available
	MIDI	MIDI A (IN/OUT), MIDI B (IN/OUT)
	AUX IN	L/L+R, R, Standard phone jack
	LINE OUT	MAIN (L/L+R, R), SUB (1, 2), SUB (3, 4 / AUX OUT), Standard phone jack
	Display out	HDMI (1280 × 720p max.)
	FOOT PEDAL	1 (SUSTAIN), 2 (ART.1), 3 (VOLUME), function assignable
	USB TO DEVICE	Yes (×3)
	USB TO HOST	Yes
	Wireless LAN	Yes (*) • Standards: IEEE802.11b/g/n (IEEE802.11n 5GHz: not compatible) • Range of transmit frequency (channels): Models for Europe and Brazil: 2401-2483 MHz (channels 1–13) Others: 2401–2473 MHz (channels 1–11) • Maximum RF output power: 14 dBm • Security: WEP, WPA-PSK (TKIP), WPA-PSK (AES), WPA2-PSK (AES), WPA/WPA2 mixed PSK • SAR value: 0.258 W/kg • May not be included, depending on your area. Check with your Yamaha dealer.
	Bluetooth	Yes (*) • Bluetooth version: 5.0 • Supported profile: A2DP • Compatible codec: SBC • Wireless output: Bluetooth class 2 • Maximum communication distance: about 10 m • Radio Frequency: 2401.5–2480.5 MHz • Maximum output power (EIRP): +6.94 dBm • Type of modulation: GFSK, π/4 DQPSK, 8DPSK • May not be included, depending on your area. Check with your Yamaha dealer.
Power Supply		
Auto Power Off		Yes
Included Accessories		Owner's Manual • AC power cord • Music Rest, two Music Rest brackets
Separately Sold Accessories (May not be available depending on your area)		• Option Speaker: GNS-MS01 • Headphones: HPH-50, HPH-100, HPH-150 • Footswitch: FC4A, FC5 • Foot Controller: FC7 • Wireless MIDI Adaptor: MD-BT01 • Keyboard Stand: L-7B

The contents of this manual apply to the latest specifications as of the publishing date. To obtain the latest manual, access the Yamaha website then download the manual file. Since specifications, equipment or separately sold accessories may not be the same in every locale, please check with your Yamaha dealer.

Options

Optional Speaker: **GNS-MS01**

Optional Speaker: **GNS-MS01**

Foot Pedal: **FC4A**
Foot Switch: **FC5**
Foot Controller: **FC7**

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