



Tyros 5



YAMAHA CORPORATION
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The Power of Reality

When it comes to playing live, one thing holds true for any musician—your sound is defined by the quality of the musicians you play with. Nothing can compare to the experience of being joined on stage by top musicians that you can depend on to get it right every time.

Yamaha has created the ultimate performance keyboard, with outstanding sounds, effects, and accompaniment so real it's like being backed by some of the world's finest players. The Tyros5 brings a level of authenticity to your sound like no instrument before it, giving your playing the power of reality with real backing, real sounds... real performance.

The Freedom to Choose

With their superb sound and state-of-the-art performance features, Tyros workstation keyboards have always offered players an outstanding level of creative freedom. Now you can take advantage of freedom of another kind—the freedom of choice.

A new 76-note keyboard extends your expressive range and allows you to make the most of the Tyros5's outstanding performance features. Alternatively, when portability is a priority or space is at a premium, the 61-note offers all the performance of its bigger brother in a familiar 61-key configuration.



Tyros5-76



Tyros5-61



Performance You Can Believe In

Whether at home or on stage, superb sound samples of world-class musicians combine with powerful performance features and stunning effects processing to provide an amazing level of sonic fidelity that will make believers out of even the most demanding audience.

Very possibly the best band(s) you'll ever play with

Imagine captivating your audience with a frenetic groove backed by a deft jazz trio, or lighting up the dance floor with pulsing electronica. Maybe even bringing the house down fronting a no-holds-barred rock act. Now imagine doing it all in one night. The Tyros5 offers you the experience of performing with chart-topping musicians, delivering a level of authenticity that is sure to inspire both you and your audience.

The Tyros5 brings you the latest incarnation of Yamaha's renowned Audio Styles, significantly improved using state-of-the-art sampling and recording techniques. Audio Styles give you access to a versatile library of accompaniments and backing tracks in a truly impressive range of genres and familiar styles that you can incorporate into your own performances. Featuring new performances from some of the hottest drummers and percussionists around, Audio Styles provide the solid foundation you need to inspire your finest performances.



Going beyond the notes

Imagine a sax line without the sound of the player breathing or a violinist playing without bowing or vibrato... the combination of these signature traits with the voice, natural register and stylistic accent of each instrument gives every musical ensemble a sound that is truly its own. Now you can achieve truly authentic ensemble sound in performances that go beyond the notes to the very heart of what makes acoustic instrument ensembles so uniquely expressive.

The instrument's Ensemble Voice delivers the



most authentic ensemble sound ever achieved in a keyboard instrument, allowing you to capture the nuanced sound of a string quartet, the vibrant power of a funky brass section or even the soothing tone of orchestral winds and horns. You can perform with the voices of four different instruments simultaneously, each sounding the most appropriate notes in the harmonies you play and even adding slightly different pitches and timing in order to avoid the unnatural, uniform sound typical of other keyboards on the market. What's more, the Tyros5 features an improved version of Yamaha's Super Articulation 2 technology, with even more realistic reproductions of the performance characteristics of each instrument in the ensemble.

Welcome to Organ World

Just a few facts about organs: they're generally very large, prone to breaking down, difficult to repair and often a challenge to play. So why would anyone go to all the trouble of actually purchasing and maintaining one? The answer is simple—that classic, unmistakable tone that only an organ can provide. From wedding marches to driving rock tunes and even television themes, the organ has been a mainstay of music for centuries.

Now, with Organ World, the Tyros5 boasts authentic renditions of five classic organs with their own unique interfaces that give you the same nuanced tonal control and immediate response as the instruments they were modeled after. Vintage, Home, Euro, Concert

and Theatre—each organ has been superbly reproduced with stunning samples that allow the Tyros to shine in any situation that an organist might encounter. With features such as a comprehensive set of realistic organ-style controls, adjustable effects and intuitive operation that allows you to alter the sound in real time while you play, Organ World is sure to satisfy even the most ardent of organ enthusiasts.



The real deal

When was the last time you saw a guitarist hit the stage without a slew of effects pedals? Or heard a raw, uncompressed vocal from your favorite artist? Whether performing live or recording in the studio, professional musicians almost always have a number of effects at their disposal to ensure that they get the precise tones that they want. Although many keyboards have attempted to emulate the distinctive tones that these effects produce, few can match the authentic sound that the Tyros5 provides.

Featuring Real Distortion effects and the

same studio-quality Virtual Circuitry Modeling (VCM) found on some of Yamaha's top-of-the-line mixing consoles, the Tyros5 gives you the authentic sound and functionality of classic effects units and allows you to shape your sound using interfaces reminiscent of the original products. Yamaha's acclaimed VCM technology models the circuitry of sought-after effects units down to the last transistor in order to achieve stunningly accurate reproductions of their classic sounds. Far more than just presets, these effects are fully adjustable and can be assigned to each voice individually, giving you absolute control over the most subtle nuances of your performance. Now, with the Tyros5 you can create atmospheric strings, funky electric pianos and rocking guitars that sound just like they should.



Compose, Arrange, Perform

Whether you're feeling inspired in the morning, arranging in the afternoon, or performing that new composition late at night, the Tyros5 makes a great partner for all of your musical endeavors. With everything from a powerful sequencer to sweet sounding vocal harmonies, the Tyros5 is the perfect tool to assist and inspire you.



View promotional movie
<http://4wrd.it/TYROS5MOV>





Tyros5 Optional Accessories



Optional Speaker
TRS-MS05



MIDI Foot Controller
MFC10



Flash Memory Expansion Module
FL512M / FL1024M



Keyboard Stand
L-7S



Foot Switch
FC4



Foot Switch
FC5



Foot Controller
FC7

TRS-MS05 Specification

Output power	Satellite speakers	20W + 20W (1 kHz, 4 Ω)
	Subwoofer	40W (100 Hz, 5 Ω)
Frequency response	Satellite speakers / Subwoofer speaker	32 Hz to 20 kHz
Speaker unit	Satellite speakers	Tweeter: 1.9 cm (3/4") dome, magnetic shielding Midrange: 8 cm (3") cone, magnetic shielding
	Subwoofer	16 cm (6.5") cone, magnetic shielding
Power consumption	65W	
Power supply	U.S.A. and Canada models: AC 120 V, 60 Hz Australia model: AC 240 V, 50 Hz U.K. and Europe models: AC 220-230 V, 50-60 Hz	
Dimensions (W x H x D)	Satellite speakers	97 (3.8") x 159 (6.3") x 178 (7.0") mm
	Subwoofer	350 (13.8") x 210 (8.3") x 321 (12.6") mm
Weight	Satellite speakers	0.7 kg (1 lb. 9 oz.) x 2
	Subwoofer	7.4 kg (16 lbs. 5 oz.)
Accessories	Speaker brackets x 2, RCA pin/8-pin - RCA pin/phone combination cable, Owner's Manual	



Premium Packs provide a full upgrade for your Tyros5 by adding new Premium Voices, Premium Styles, One Touch Settings, Multi-Pads, registrations and demonstration songs. Each Premium Voice gives you a fantastic new instrument sound that makes for a valuable addition to your Tyros5's selection of built-in factory Voices.



Voice & Style Expansion

High-quality Expansion Packs made exclusively for the Tyros5, Premium Packs provide a broader sonic palette for composition and performance. From authentic Eastern European instruments to pulsing grooves from Ibiza (and even more in future packs), these new Voices and Styles and an entirely new dimension to your Tyros5.



Balkan&Turkey
75 Voices
50 Styles



EURO DANCE
50 Voices
50 Styles



EUROPE
"Best Of" Collection
50 Voices
50 Styles

Yamaha Expansion Manager

Manage and install Premium Packs as well as Voice & Style Expansion Packs easily via a wireless LAN connection using the bundled USB wireless LAN adaptor* or USB drive. You can even install multiple packs simultaneously with the touch of a button.

*The USB wireless LAN adaptor may not be available in certain areas.

For more information, visit

www.yamahamusicsoft.com

Dedicated apps to enhance your Tyros5 experience

Providing a diverse range of functions in an intuitive, easy-to-use format, Yamaha's apps are valuable tools that allow you to get the most out of your Tyros5.



Repertoire Finder

Expand your repertoire by requesting and sharing song settings with other users. Want to play the latest hit? Just make a request to other users. You can even view recent requests to upload and share your own panel settings and registrations for others to enjoy.



MusicSoft Manager

You can transfer MIDI or Style data between the digital musical instrument and the app. Time-consuming tasks such as changing file names can be done quickly and directly from the app itself. The Dropbox* and iTunes File Sharing feature can be used to transfer MIDI or Style data purchased from Yamaha MusicSoft from your computer to MusicSoft Manager, and data stored in MusicSoft Manager can be backed up to your computer.

*Dropbox is a free online storage service provided by Dropbox Inc.



NoteStar

Experience playing and singing your favorite songs with a real band. NoteStar is a sheet music application for the iPad that features hands-free, easy-to-read digital sheet music and realistic audio backing tracks with vocals. Use mixing tools that allow you to listen to and play along with a band, or isolate the keyboard, vocal, and independent left and right hand keyboard parts for reference. Adjust tempos and transpose songs to make learning new songs easier, and enjoy an inspiring new musical experience!

Even more creative power

Mobile Music Sequencer

Wherever you are, you can now sketch the outline of a composition and use it as a foundation to craft songs on a Yamaha keyboard, or in Steinberg Cubase.



Tyros5 Panel Controls & Terminals



Top Panel

- 1 MIC buttons
- 2 MIC GAIN knob
- 3 MASTER VOLUME dial
- 4 FADE IN/OUT button
- 5 UPPER OCTAVE buttons
- 6 PITCH BEND wheel
- 7 MODULATION wheel
- 8 ART. 1/ART. 2 buttons
- 9 PHONES jack
- 10 SONG buttons
- 11 Cross Fader
- 12 AUDIO RECORDER/PLAYER buttons
- 13 STYLE buttons
- 14 TRANSPOSE buttons
- 15 MIXING CONSOLE button
- 16 STYLE CONTROL buttons
- 17 TAP TEMPO/TEMPO buttons
- 18 MULTI PAD CONTROL buttons
- 19 CHANNEL ON/OFF button
- 20 BALANCE button
- 21 LCD and related controls
- 22 MENU buttons
- 23 MUSIC FINDER button
- 24 DEMO button
- 25 VOICE EFFECT buttons
- 26 VOICE buttons
- 27 REGISTRATION MEMORY buttons
- 28 ONE TOUCH SETTING buttons
- 29 PART SELECT buttons
- 30 PART ON/OFF buttons
- 31 USB TO DEVICE terminal



Rear Panel

- 1 Slots for music rest/optional speaker brackets
- 2 USB TO DEVICE terminal
- 3 USB TO HOST terminal
- 4 RGB OUT terminal
- 5 MIDI terminals
- 6 ASSIGNABLE FOOT PEDAL jacks
- 7 LINE OUT jacks
- 8 AUX IN jacks
- 9 MIC INPUT combo jack
- 10 Power on/off switch()
- 11 AC IN jack

Tyros5 Specification Chart

		TYROS5-76	TYROS5-61
Size and Weight	Dimensions [W x D x H] (without Music Rest)	1347 x 450 x 142mm	1140 x 450 x 142mm
	Weight (without Music Rest)	16.0 kg	14.0 kg
Interface	Keyboard	Number of Keys	76 (E0-G6)
		Type	Organ (FSX), Initial Touch/Aftertouch
		Touch Response	Hard1, Hard2, Medium, Soft1, Soft2
	Controllers	Pitch Bend Wheel	Yes
		Modulation Wheel	Yes
		Sliders	9 (including 1 assignable), Cross Fader
		Articulation Switches	ART. 1, ART. 2
	Display	Type/Size	640 x 480 dots TFT VGA color 7.5 inch LCD
Language		English, German, French, Spanish, Italian	
Panel	Language	English	
Voices	Tone Generation	Tone Generation Technology	AWM Stereo Sampling
	Polyphony	Number of Polyphony (Max.)	128
	Preset	Number of Voices	1279 Voices + 480 XG Voices + 37 Drum/SFX Kits
		Featured Voices	Ensemble 55 S.Art2! 44 / S.Art! 288 MegaVoice 54 / Live! 138 Cool! 81 / Sweet! 37 / Organ World 40
	Expandability	Expansion Voice	Yes *Wave Capacity: depends on the optional Flash Memory Expansion Module(FL1024M, FL512M)
	Compatibility		XG, GS, GM, GM2
Part		Right 1, Right 2, Right 3, Left	
Effects	Reverb		52 Presets + 3 User
	Chorus		106 Presets + 3 User
	DSP		DSP1: 322 Presets + 3 User, DSP2-9: 322 Presets + 10 User
	Master Compressor		5 Presets + 5 User settings
	Master EQ		5 Presets + 2 User settings
	Mic Effects		Noise Gate x 1, Compressor x 1, 3Band EQ x 1
	Vocal Harmony	Number of Presets	Vocal Harmony: 44, Synth Vocoder: 10

Effects	Vocal Harmony	Number of User Settings	60 * The number is the total of Vocal Harmony and Synth Vocoder.
		Vocal Effect	23
Styles	Preset	Number of Styles	539
		Featured Styles	40 +Audio, 7 FreePlay, 441 Pro, 51 Session
	Fingering		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
	Compatibility		Style File Format, Style File Format GE
	Expandability	Expansion Style	Yes
	Expansion Audio Style	Yes Audio Capacity: approx. 124MB	
Other Features	Music Finder (Max.)	2,500 Records	
	One Touch Setting (OTS)	4 for each Style	
Songs	Preset	Number of Songs	5 Sample Songs
	Recording	Number of Songs	Unlimited (depends on the drive capacity)
		Number of Tracks	16
		Data Capacity	approx. 300 KB/Song
	Recording Function		Quick Recording, Multi Recording, Step Recording
	Data Format	Playback	SMF (Format 0 & 1), XF
	Recording	SMF (Format 0)	
Multi Pads	Preset	Number of Multi Pad Banks	190 banks x 4 Pads
	Audio	Audio Link	Yes
Functions	Voices	Harmony/Echo	Yes
		Panel Sustain	Yes
		Mono/Poly	Yes
		Voice Information	Yes
	Styles	Style Creator	Yes
		Style Recommender	Yes
		OTS Information	Yes
	Songs	Song Creator	Yes
		Score Display Function	Yes

Functions	Songs	Lyrics Display Function	Yes
		Text Display Function	Yes
		Wallpaper Customization	Yes
		Lesson/Guide	Follow Lights, Any Key, Karao-Key, Your Tempo
		Performance Assistant Technology (P.A.T.)	Yes
		Multi Pads	Multi Pad Creator
	Registration Memory	Number of Buttons	8
		Control	Registration Sequence, Freeze
	Audio Recorder/Player	Recording Time (max.)	80 minutes/Song
		Recording	.wav (WAV format: 44.1 kHz sample rate, 16 bit resolution, stereo)
		Playback	.wav (WAV format: 44.1 kHz sample rate, 16 bit resolution, stereo) .mp3 (MPEG-1 Audio Layer-3: 44.1/48.0 kHz sample rate, 64-320 kbps and variable bit rate, mono/stereo)
		Time Stretch	Yes
		Pitch Shift	Yes
		Vocal Cancel	Yes
	Multi	Recording	.aud (Tyros5 original: 44.1 kHz sample rate, 16 bit resolution, stereo)
		Playback	.aud (Tyros5 original: 44.1 kHz sample rate, 16 bit resolution, stereo)
	Demo/Help	Demonstration	Yes
	Overall Controls	Metronome	Yes
		Tempo	5 - 500, Tap Tempo
		Transpose	-12 - 0 - +12
		Tuning	414.8 - 440 - 466.8 Hz
		Octave Button	Yes
Scale Type	9 Presets		
Miscellaneous	Direct Access	Yes	
Storage	Internal Memory (USER Drive)	approx. 6.7MB	
	Internal Hard Disk	500GB	

Storage	External Drives	USB Flash Memory (via USB to DEVICE)
Connections	Headphones	Yes
	Microphone	Yes (Combo Jack)
	MIDI	MIDI A (IN/OUT), MIDI B (IN/OUT)
	AUX IN	L/L+R, R
	LINE OUT	MAIN (L/L+R, R), SUB OUT (1,2), SUB OUT (3,4 / AUX OUT)
	RGB OUT	Yes
	FOOT PEDAL	1 (SUSTAIN), 2 (ARTICULATION 1), 3 (VOLUME), Function Assignable
	USB TO DEVICE	USB 2.0 x 2 (Front/Back)
	USB TO HOST	USB 2.0 x 1
Pedals	Assignable Functions	Volume, Sustain, Sostenuto, Soft, Glide, S. Articulation, Song Play/Pause, Style Start/Stop, etc.
Included Accessories		<ul style="list-style-type: none"> Owner's Manual Online Member Product Registration AC Power Cord Music Rest, two Music Rest Brackets USB Wireless LAN Adaptor * May not be included depending on your particular area. Please check with your Yamaha dealer.

Optional Accessories

Option Speaker	TRS-MS05
Head Phones	HPE-150, HPE-170
Foot Switch	FC4, FC5
Foot Controller	FC7
MIDI Foot Controller	MFC10
Flash Memory Expansion Module	FL1024M, FL512M
Keyboard Stand	L-7S
MIDI Interface for iPhone/iPod touch/iPad	i-MX1
USB MIDI Interface for iPhone/iPod touch/iPad	i-UX1

Specifications and appearance are subject to change without prior notice.