

# Tyros5 61 Note Arranger Keyboard

## Features / Specifications

### Control Interface

- **Number of keys:** 61
- **Type:** Organ (FSX), Initial Touch/Aftertouch
- **Touch Response:** Hard1, Hard2, Medium, Soft, Soft2
- **Pitch Bend:** Yes
- **Modulation:** Yes
- **Sliders:** 9 (including 1 assignable), Cross Fader
- **Art.Switches:** 2
- **Display Type:** TFT VGA 7.5inch LCD
- **Display Size:** 640 x 480 dots
- **Display Colour:** Colour
- **Display Languages:** English, German, French, Spanish, Italian
- **Number of Multi Pad Banks:** 190 banks x 4 pads

### Voices

- **Tone Generating Technology:** AWM Stereo Sampling
- **Number of Polyphony (Max.):** 128
- **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
- **Optional Wave Capacity:** MAX 1,024MB (Optional)
- **Sampling:** Custom Voice
- **Voice Edit:** Yes
- **Sound Creator/Voice Set :** Yes
- **XG Compatibility:** Yes
- **GS Compatibility:** Yes
- **GM Compatibility:** Yes
- **GM2 Compatibility:** Yes
- **Expansion Voice:** Yes \*Wave Capacity: depends on the optional Flash Memory Expansion Module (FL1024M, FL512M)
- **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
- **Others:** Mic effects: Noise Gate x 1, Compressor x 1, 3Band EQ x 1
- **Number of Presets:** Vocal Harmony: 44, Synth Vocoder: 10
- **Number of User Settings :** 60 \* The number is the total of Vocal Harmony and Synth Vocoder.
- **Vocal Effect:** 23

### Accompaniment Styles

- **Number of Preset 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
- **Music Finder:** 2,500 Records

- **One Touch Setting (OTS) :** 4 for each Style
- **Expansion Style:** Yes
- **Expansion Audio Style:** Yes Audio Capacity: approx. 124MB
- **Compatibility:** Style File Format, Style File Format GE

## Songs

- **Number of Preset Songs:** 5 Sample Songs
- **Recording - Number of Songs:** Unlimited (dependant on drive capacity)
- **Recording - Number of Tracks:** 16
- **Data Capacity:** approx. 300 KB/Song
- **Recording Function:** Quick Recording, Multi Recording, Step Recording
- **Compatible Data Format - Playback:** SMF (Format 0 & 1), XF
- **Compatible Data Format - Recording:** SMF (Format 0)

## Functions

- **Number of Buttons:** 8
- **Control Registration:** Sequence, Freeze
- **Lesson/Guide:** Follow Lights, Any Key, Karao-Key, Your Tempo
- **Performance Assistant Technology (PAT) :** Yes
- **Demonstration:** Yes
- **Metronome:** Yes
- **Tempo Range:** 5 - 500, Tap Tempo
- **Transpose:** -12 - 0 - +12
- **Tuning:** 414.8 - 440 - 466.8 Hz
- **Octave Button:** Yes
- **Scale Type:** 9 Presets
- **Direct Access:** Yes
- **Text Display Function:** Yes
- **Wallpaper Customization:** Yes
- **Harmony/Echo:** Yes
- **Panel Sustain:** Yes
- **Mono/Poly:** Yes
- **Voice Information:** Yes
- **Style Creator:** Yes
- **Style Recommender:** Yes
- **OTS Information:** Yes
- **Song Creator:** Yes
- **Score Display Function:** Yes
- **Lyrics Display Function:** Yes
- **Multi Pad Creator:** Yes
- **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)
- **Multi - Playback:** .aud (Tyros5 original: 44.1 kHz sample rate, 16 bit resolution, stereo)

## Storage and Connectivity

- **Internal Memory:** approx. 6.7MB
- **Hard Disk Drive:** 500GB
- **External Drives:** USB Flash Memory (via USB to DEVICE)
- **Headphones:** Yes
- **FOOT PEDAL:** 1 (SUSTAIN), 2 (ARTICULATION 1), 3 (VOLUME), Function Assignable
- **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
- **USB TO DEVICE:** USB 2.0 x 2 (Front/Back)
- **USB TO HOST:** USB 2.0 x 1
- **Audio:** Audio Link

#### **Dimensions**

- **Width (mm):** 1140
- **Height (mm):** 142
- **Depth (mm):** 450mm
- **Weight (kg):** 14

#### **Included Accessories**

- Owner's Manual, Online Member Product Registration, AC Power Chord, Music Rest, two Music Rest Brackets