

Dual Core Sound Engine
Multi Forms of Advanced Synthesis
New AP-Synthesis Technology
Enhanced User Interface
Separate USB Ports for Computer Interface and Storage

Dual Core Sound Engine

- **Double the power of previous V-Synths – contains the equivalent of two V-Synth XT synthesizer engines working side-by-side.**
- **Split or layer two “tones” (a “tone” is the equivalent of an entire two-oscillator patch structure from the V-Synth XT) within a single GT patch.**
- **Now use the acclaimed Vocal Designer technology (found in the V-Synth XT and VP-550) along with the GT synthesizer engine simultaneously.**

Multi Forms of Advanced Synthesis

- **Combine Analog-Modeling, PCM waveforms, Vocal Designer and new AP-Synthesis together for limitless possibilities.**
- **Sample audio via the XLR input (phantom powered), digital I/O or from USB audio.**
- **Manipulate audio in real-time with Elastic Audio Synthesis, powered by Roland Vari-phrase technology.**
- **Use external analog, digital sources or USB streaming audio as oscillator source.**

New AP-Synthesis Technology

- **AP-Synthesis models the way acoustic instruments react to real-time changes in Dynamics/phrasing and applies these characteristics to synthesized sounds.**
- **Create unimagined sounds like a synth-lead played with the technique of a violin.**
- **Choose from 38 waves, that can be applied to five AP models, and control the variations in real-time.**

Enhanced User Interface

- **Enhanced TFT full color touch screen display provides photo-realistic GUI.**
- **Comprehensive Help system, with QWERTY search function, explains all parameters and controls.**
- **New animated Map function provides “GPS” like navigation so you never get lost!**
- **Sound Shaper II for easy, quick, one-stop programming of new patches.**

Separate USB Ports for PC/Mac Interface and Storage

- **USB 2.0 interface for streaming 24-bit/96kHz audio, plus MIDI, between PC/Mac.**
- **Use as an aggregate audio device (Mac) as seamless and powerful external filter bank and MFX processor.**
- **Separate USB host connection for convenient storage to USB Flash Drives.**

FACTORY RESET:

Before starting a new demo, you might want to reset the GT to its factory condition. Here's how to perform the reset on the GT. Note, this will take a few minutes.

- 1) Press [UTILITY]. The "Utility Menu" will open.
- 2) Press [FACTORY RESET]. The "Factory Reset" screen will open. Press [EXECUTE].
- 3) The Factory Reset procedure will process. After the procedure is done, press [OK].

THE V-SYNTH GT'S ENHANCED TFT TOUCH SCREEN DISPLAY MAKES SELECTING PATCHES EASIER THEN EVER:

Here is how to audition and select patches:

- 1) Touch the Search icon (it looks like a magnifying glass) in the top left part of the display.
- 2) The "Patch List" screen will open. At the bottom of the screen touch, "Category".
- 3) The "Category Search" box will appear. Here you can search for patches by categories.
- 4) Select the category, "Rhythmic Sequence". The "Patch List" for this category will open.
- 5) Touch a patch in the list, then play the keyboard to audition the patch.
- 6) Touch "OK" when you wish to assign a patch to the keyboard.

THE V-SYNTH GT'S NEW TWO-TONE PATCH STRUCTURE PROVIDES FOR MASSIVE SOUND COMBINATIONS AND EXCITING REAL-TIME CONTROL:

Using Patch 006, "Eastwest Grv", demonstrate the power of the GT's Dual Core engine:

- 1) Use the VALUE dial to select patch 006: Eastwest Grv.
- 2) Play any key and you will hear both the Lower and Upper Tones layered together.
- 3) Turn knobs E1 and E2 to adjust the mix of the Lower and Upper Tones.
- 4) In the box labeled "Upper Tone", touch "109: Eastern Arp" so it is highlighted in the display.
- 5) Use the VALUE Dial to try these different Upper Tones:
"086: Quackers", "090: Arp Me!", "100: Rev Glocken" and "264: Warm Bass"

Next show the real-time controls, starting with the Time Trip Pad:

- 1) Touch the patch name in the display, "006: Eastwest Grv" and reselect patch 006.
- 2) Using knobs E1 and E2, adjust the mix of patch so only the Lower Tone is heard.
- 3) Run your finger along the outer edges of the Time Trip pad to change the "time".
- 4) Touch the inner part of the Time Trip pad to hear real-time changes to the loop's "pitch".

SHOW HOW AP-SYNTHESIS CAN MODEL IN REAL-TIME THE DIFFERENT PLAYING CHARACTERISTICS OF AN ACOUSTIC INSTRUMENT:

- 1) Touch the Search icon (it looks like a magnifying glass) in the top left part of the display.
- 2) In "Patch List" touch "Category". Next, select the category, "Pad Strings".
- 3) Touch patch 170: Early Ensembl. Touch "OK" to assign the patch to the keyboard.
- 4) In the Patch Play screen, turn the E1 Knob so you are only listening to the Upper Tone.
- 5) Play the keyboard, and you'll hear a legato violin. (Play in the upper keyboard range.)
- 6) Next, press the S1 button that is located over the Mod/Pitch Bend wheel.
- 7) Now when you play the patch, the legato bowing will change to a tremolo bowing.