



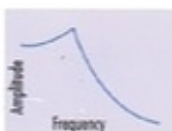
Z PLANE



Morpheus Z-Plane Synthesizer

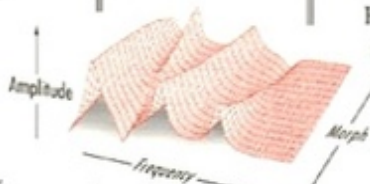
The Morpheus™ Z-Plane Synthesizer, with its revolutionary Z-Plane filters, is unlike any MIDI sound module in the history of E-mu®. In addition to the superb 16-bit sound quality and straightforward user interface that E-mu modules are famous for, Morpheus' Z-Plane technology offers new sounds and expressive control that you've never experienced in a MIDI instrument.

At the heart of Morpheus is E-mu's Z-Plane Synthesis—a technology that's redefining the future of digital sound creation. Unlike the simple 2- or 4-pole filters of traditional synthesizers, Morpheus has unique 14-pole Z-Plane filters that are capable of modeling virtually any resonant characteristics and then interpolating (or "morphing") between them in real time. This allows you to manipulate sounds in incredible ways: morph an entire section of orchestral strings into full-toned chimes; send a piano through the resonances of the human vocal tract pronouncing a variety of vowels; sweep a synth pad with 32 polyphonic flangers; use a mod wheel to control the subtle timbral changes that



Traditional Synthesis

Single, 4-pole lowpass filter with resonance.



Z-Plane Synthesis

Allows you to "morph" sounds through multi-dimensional, 14-pole filters.

result from picking an acoustic guitar at different distances from the bridge. Let Morpheus give you the power to create the sounds you've only imagined before.

Morpheus provides powerful tools for controlling the Z-Plane filters, like an enhanced version of E-mu's MIDIPatch™ Modulation System for unmatched real-time control and expressivity, and multi-segment function generators for microscopic sound sculpting. The new HyperPreset mode lets you split, layer and cross-switch between 16 presets at once—for creating sounds so thick you can swim in them.

Like other E-mu digital sound modules, Morpheus has an impressive set of features that give you the freedom to experiment. Start with the ability to play up to 32 sounds simultaneously over 16 MIDI channels. Then, add dual stereo effects processors and 6 polyphonic outputs for mixing and processing versatility. Combine all this power with the industry's clearest, most straightforward user interface, and you have the synthesizer that will move your music into the next century.

MORPHEUS
Z-PLANE SYNTHESIZER

E-MU



E-mu Systems, Inc.

