

## *Commonly Asked DSP/GTR4000 Questions*

### ***Is there a Vocoder Preset ?***

Yes, there is a simple vocoder in Bank 13 on the DSP4000.

### ***Is there a 'Stutter' program like the H3000 has ?***

Yes, see "Max Stutter" on the Broadcast Card.

### ***Are there any Timesqueeze programs ?***

Yes, "TimeSqueeze(R)" in bank 17 on the DSP4000, , "Easy Timesqueeze" on the Broadcast Card as well as "Digital Timesqueeze(R)" in Bank 33 of the Sampler Option. Note that the first two work with a variable speed tape recorder, whilst the last records the sound into RAM, and plays it back squeezed.

### ***Are there any delays calibrated in video frames ?***

Yes, "Video Delay" on the GTR/DSP cards.

### ***Are there any Pitch Shifters that generate multi-part harmonies when controlled from a Midi keyboard ?***

Yes, "Midi Harmony" on the GTR/DSP cards.

### ***Are there any automatic Pitch Corrector Programs ?***

Yes, "Auto Pitch Correct" in Bank 9, "623 Pitch Quantize" in Bank 18, both on the DSP4000.

### ***Are there any PC or MAC based editors that can be used to create programs***

Yes. RZ Cybernetics ( 818 760 8055 ) offers MAC tools for the DSP4000 and H3000, while for PC users there is a Windows text and graphics editor available on the Eventide Web Site.

### ***Why do the programs take time to load ?***

Unlike many simpler systems which in effect offer a single hard-wired algorithm with software switches to give variations, each preset on the DSP4000 is a complete algorithm in itself. This means that when it is selected, a large amount of code has to be downloaded from ROM to the Signal Processors, which cannot happen immediately. For live performance use, the best approach is to use a single complex algorithm ( for example, Templates or Virtual Pedalboards on the GTR4000, Multiple Effects on the DSP4000 ), and then use MIDI to change sounds during a number.