

EQUINOX

The new EQUINOX is the most powerful and versatile synth workstation Generalmusic has ever produced. The EQUINOX integrates in a single instrument an advanced synthesizer, a versatile sampler player, an authentic drawbar organ, an inspiring 'groove machine', a fully programmable arpeggiator, a truly enormous sequencer and a powerful and flexible MIDI controller keyboard. Memory-expandable, upgradeable with new features and widely compatible with the most popular media formats, the EQUINOX combines the power and flexibility of a state-of-the-art MIDI studio in a single, easy to use package - ideal for just about any application from stage to studio. The EQUINOX is available in 61-key version and in 76-key version.

NOX



GENERATION

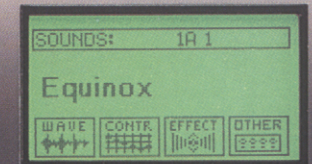
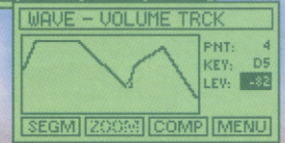
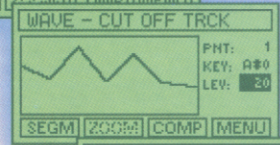
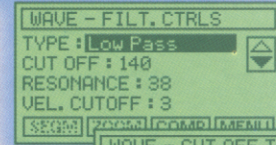
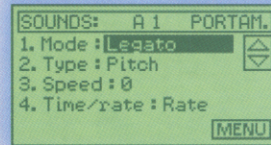
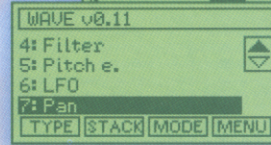
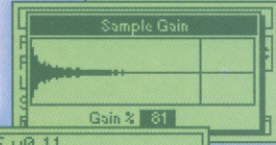
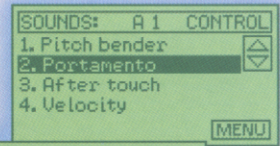
The EQUINOX contains 16 MB of ROM waveforms, from which around 1200 sounds and 128 performances (112 + 16 Drawbar performances) have been created. The EQUINOX is a 32 part multitimbral instrument (16 parts real-time and 16 parts dedicated to the sequencer) with a 64 voice polyphony, 128 digital filters, (4 pole / 24 dB) with resonance. Each single sound can feature up to 6 waveforms, (either from ROM or from newly imported samples), 3 LFOs and up to 42 independent envelopes, (each comprising of up to 10 segments). All editing functions are logically displayed on the internal high contrast graphic LCD. The EQUINOX comes complete from the factory with 2 MB of Battery Backed Sample Memory pre-installed.

This memory can be upgraded to 8 MB plus you can also install up to 32 MB of additional memory using standard computer SIMMs chips.

The EQUINOX can also use an optional internal hard disk of up to 2 GB, ideal for quick and convenient access to vast amounts of data without any external peripherals.

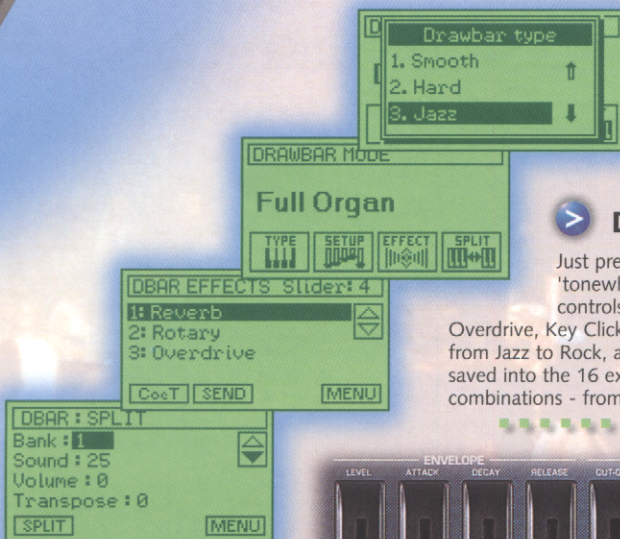
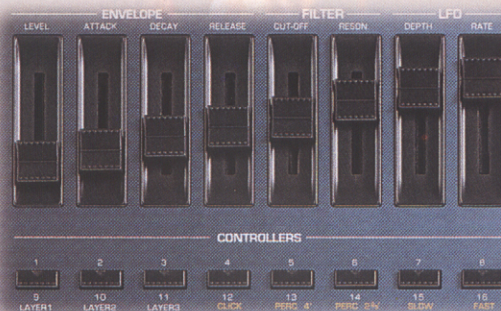
Besides its internal floppy drive and hard disk option, the EQUINOX can connect directly to a number of external peripherals, via the optional SCSI interface: CD-ROM, SyQuest®, ZIP®, JAZ®, External hard disks, etc. The EQUINOX can load samples from

a wide variety of popular formats including Kurzweil®, Akai®, WAV, AIFF, SMP, Sound Designer, etc. Other formats will be supported by future operating system versions. Once loaded, these samples can be freely edited using the EQUINOX's immensely powerful synth engine as described earlier.



DRAWBAR PERFORMANCES

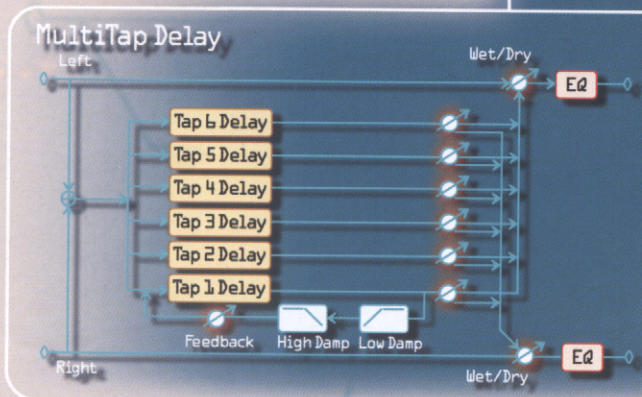
Just press the "Drawbar" button and the Equinox transforms itself into a classic 'tonewheel organ'. The 8 front panel sliders can be used as real drawbars with controls to access classic effects such as Leslie® Speaker Simulation, Vibrato, Overdrive, Key Click, Percussion and much more. A number of different voicings are available - from Jazz to Rock, and, whenever you find a combination you like, it can be independently saved into the 16 exclusive 'Drawbar Performances'. We've even provided 16 factory preset combinations - from the dirtiest screaming Rock to the sweetest inspirational Gospel.



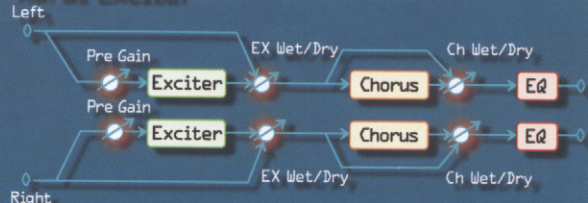


EFFECTS PROCESSORS

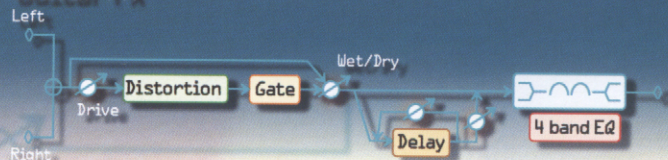
The EQUINOX features one of the most powerful and advanced effect sections ever offered in a synth workstation. With a choice of 85 different digital



Exciter/Chorus



Guitar FX



stereo effects; from sparkingly clean reverbs and digital delays, to classic effects like Chorus, Overdrive, Phaser, Flanger, Wah-Wah and even 4 Voice Pitch Shifter and Ring Modulator, the EQUINOX DSP puts the finest studio quality effects at your fingertips.

EFFECTS

- HALL 2
- HALL 3
- HALL 4
- PLATE 1
- PLATE 2
- MATRIX 1
- MATRIX 2
- BATED
- STUDIO ROOM
- MONO DELAY 1
- MONO DELAY 2
- STEREO DELAY 1
- STEREO DELAY 2
- MULTITAP DELAY 1
- MULTITAP DELAY 2
- PING PONG
- PAN MIX
- CHORUS 1
- CHORUS 2
- ENSEMBLE 1
- ENSEMBLE 2
- PHASER 1
- PHASER 2
- CHORUS DELAY 1
- CHORUS DELAY 2
- FLANGER DELAY 1
- FLANGER DELAY 2
- DISTORTION
- DIST DELAY
- PITCH SHIFTER 1
- PITCH SHIFTER 2
- SHIFT DELAY
- ROTARY 1
- ROTARY 2
- EQ JAZZ
- EQ FUNK
- EQ ROCK
- EQ CLASSIC

- STEREO WAH
- GUITAR FX
- OVERDRIVE/DELAY
- COMPRESSOR
- 10 BAND EQ
- ST. GRAPHIC EQ
- LOUDNESS
- ST. PARAMETRIC EQ + 3D
- AUDIO EXCITER
- 2 X PITCHSHIFT
- 4 X PITCHSHIFT
- HEX CHORUS
- STEREO CHORUS
- ST. CHORUS DELAY
- STEREO PHASER
- STEREO FLANGER
- ST. FLANGER/DELAY
- STEREO TREMOLO
- 3 TAP DELAY

- MULTITAP DELAY
- STEREO DELAY
- CHORUS/TREMOLO
- CHORUS/FLANGER
- ROTARY/EQ
- OVERDV/CHORUS
- OVERDV/FLANGER
- EXCITER/CHORUS
- EXCITER/FLANGER
- RING MODULATOR
- OVERDV/VIBRATO

PERF EFFECTS Part: 3
 To MultiFX: 108
 Wet/Dry: 50
 3D Width: 20
 Pre Gain: 18 dB

PERF EFFECTS Part: 3
 Type: Hex Chorus
 Volume: 55
 To Reverb: 40
 To MultiFX: 108

PERF EFFECTS Part: 3
 Type: Audio Exciter
 Volume: 55
 To Reverb: 40
 To MultiFX: 108

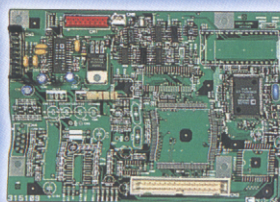
PERF EFFECTS Part: 3
 Reverb: 65
 MultiFX: 123
 ProEFX: 127

PERF EFFECTS Part: 3
 Type: Hall 2
 Volume: 68
 Rev. Time: 26 (2.7S)
 Dly: 40 (mS.)

PERF EFFECTS Part: 3
 Type: St Flang/Delay
 Volume: 55
 To Reverb: 40
 To MultiFX: 108

In addition to the selection of special effects, there are a number of special stereo treatments like 3D Enhancer, Stereo Compressor, Audio Exciter, Loudness Maximizer and both Graphic and Parametric EQs.

The optional Audio Interface with Vocal Processor allows external input signals to be processed by these effects and mixed with the instrument's stereo outputs. In addition, this add-on board includes a versatile Vocal Harmonizer / Vocoder which allows vocal interaction with the on-board sounds and also lets you harmonize up to 4 additional parts with your own voice.



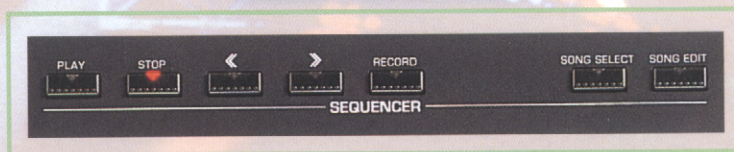
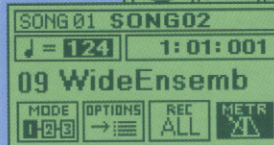
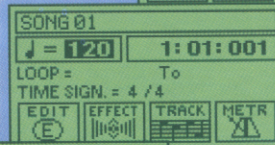
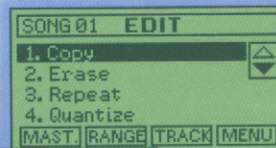


SEQUENCER

The powerful internal sequencer (SMF compatible) offers 16 tracks, a capacity of 250,000 events / 16 Songs, 1/192 resolution, groove quantize and advanced microscopic editing.

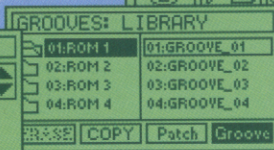
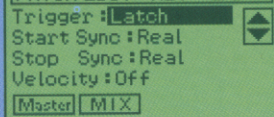
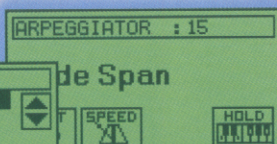
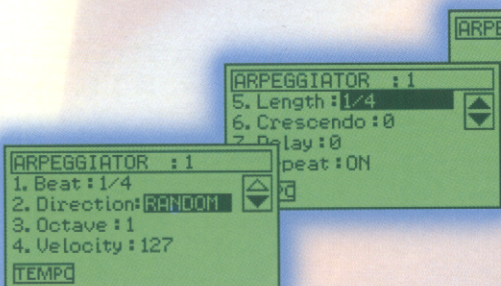
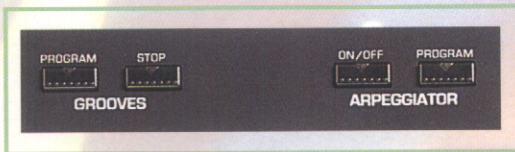
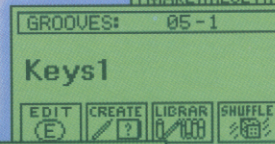
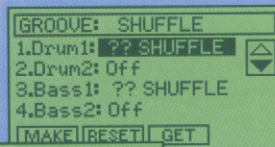
The EQUINOX's sequencer actually has its own independent 16 part multi-timbral synthesizer engine.

This means that, unlike other synth workstations whose sequencer and synth engines share the same parts, on the EQUINOX, you can still play complex multi-timbral layers, (up to 16 parts), on the keyboard while the sequencer is playing up to 16 tracks of its own.



GROOVE MACHINE / ARPEGGIATOR

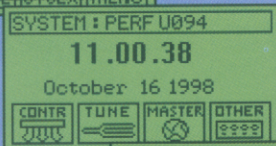
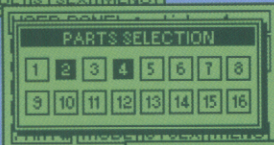
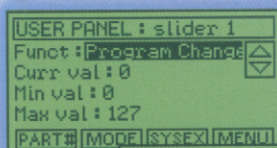
The EQUINOX's 'Groove Machine' gives you instant access over 1000 pre-programmed MIDI Grooves, (including hundreds of grooves from the award winning Twiddly Bits® collection). These grooves offer a huge variety of "must have" phrases from the simplest deep bass lines to the virtuoso keyboard licks. Each groove is freely editable and can be either triggered in real time from the keyboard or copied into your own songs.



The programmable Arpeggiator offers 16 preset patterns which can be used either with the EQUINOX internal sounds or with other instruments connected via MIDI.

MASTER CONTROLLER KEYBOARD

The EQUINOX can also be used as an advanced 16 zone controller keyboard with total control over 32 independent MIDI channels; The available controls include 8 fully programmable sliders and 8 fully programmable buttons for which up to 16 different user configurations can be memorized.



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