

Fairlight

THE FAIRLIGHT SERIES III — SPECIFICATIONS

Series III Voice System

- 90 dB dynamic range Voice/Channel Cards (up to 16 voices available in standard system). Expandable to 80 voices via external voice racks.
- Separate 16 bit D/A converters, dynamic VCF, VCA for each Voice/Channel card.
- 16 bit, 50kHz, stereo-audio sampling (100kHz in mono).
- Up to 14 megabytes waveform RAM per 16 channels which provides over 2 minutes sampling time at 50kHz.
- Contains 12 microprocessors including 10-6809 and 2-68000. Runs OS9 Multi-tasking operating system and high-level languages.
- Waveform editor software allows extensive waveform editing, fourier analysis, synthesis and resynthesis functions.
- SMPTE read, write and sync with "chasing" capability.
- MIDI user programmable — 3 input/4 output.
- High efficiency switchmode power supply.

Mass Storage System

- 8" DSDD floppy disk drive (1Mb) and controller.
- 70Mb or 110Mb (formatted) 5 1/4" Winchester Hard Disk Drive with controller. Standard SCSI allows for connection of additional hard drives and other mass storage media.
- Optional 60Mb streaming tape drive.

Graphics Terminal System

- 82-key alphanumeric keyboard includes 15 special function keys (assignable) and high resolution graphics tablet with stylus.
- High resolution 12" Video Display Unit (VDU).

Sequencers

- Music Composition Language (MCL) text based composer.
- Rhythm sequencer (RS), 16 track recorder with graphic note events.

- Composer, Arranger, Performer, Sequencer (CAPS). Up to 80 polyphonic tracks assignable to internal voices or externally through MIDI can be programmed in real time, quantized, non-real time. Extensive macro and micro editing features. Tracks can be viewed as conventional music notation.*
- All sequencers sync and trigger to SMPTE time code.

Music Keyboard Controller

- 6 Octave F to F.
- MIDI Implementation.
- Pitch and modulation wheels along with programmable switches and controls.

Serial Interface

- Dual printer ports.
- Telnet communications software.



* Available 2nd half 1986.

Fairlight Instruments Pty Ltd reserves the right to change these specifications without notice.

Fairlight is a registered trademark of Fairlight Instruments Pty Ltd.