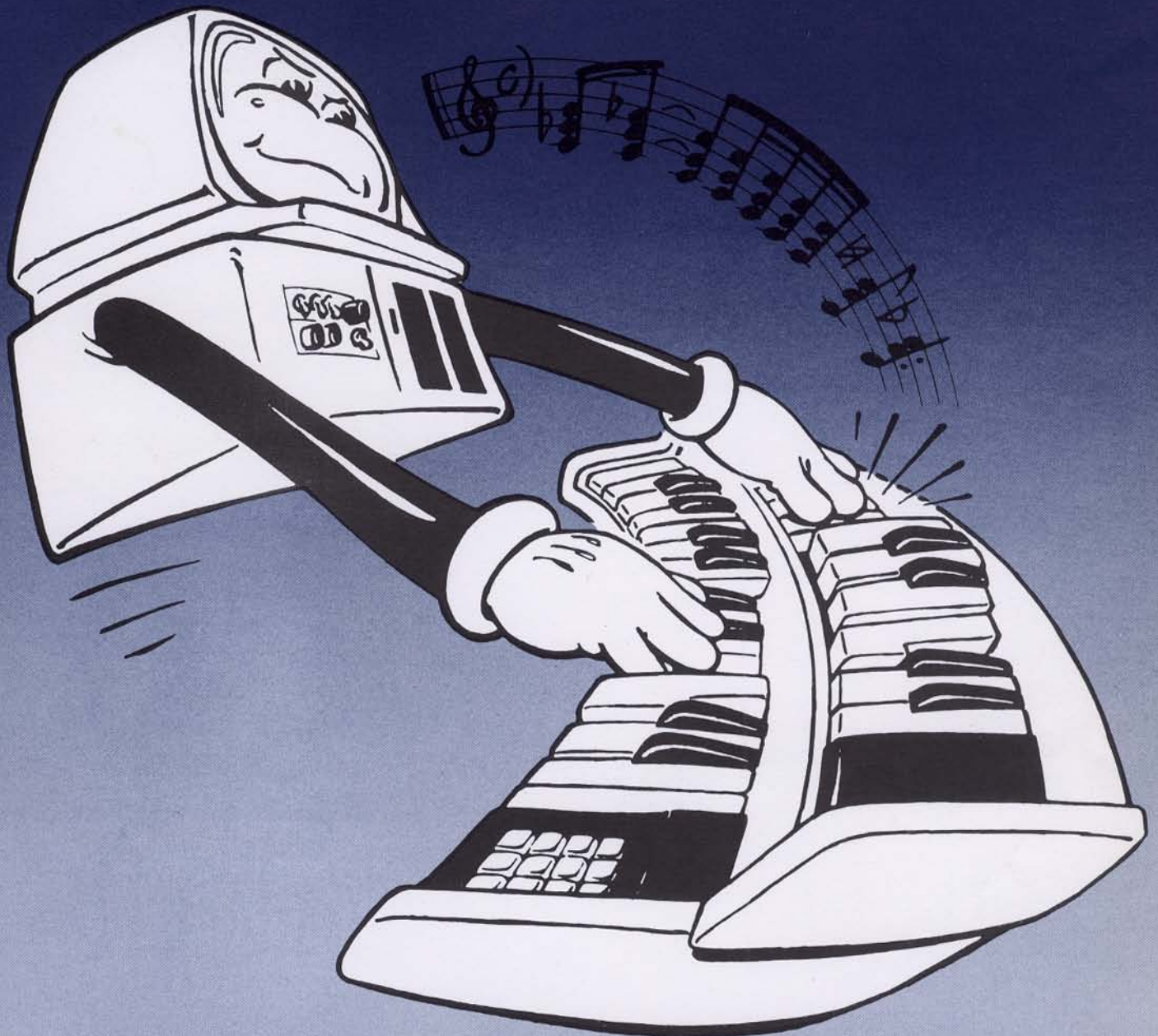


# The FAIRLIGHT COMPOSER



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The Fairlight Composer is a special programme for music composition and arrangement. It is used with the Fairlight C.M.I. to provide a rapid method for musicians to hear their work played polyphonically in real-time.

It is now possible to compose music previously impossible to perform using traditional methods. Limitations of conventional instruments and playing technique are overcome. Pieces calling for superhuman fingering or speed present no problem to the Composer.

The music is typed in, stored and manipulated, then listened to in part or in whole without necessarily using the music keyboard.

Any C.M.I. sounds can be utilized in the composition, which can be changed indepen-

dently of the music. As much or as little detail as desired, even expression, can be programmed with the Composer.

Eight parts can be played simultaneously, and a synchronisation facility is provided for multitracking any number of parts. The C.M.I. has eight audio outputs for multitrack studio use.

An easy-to-use Editor facilitates inspection and alteration of the music, via the Fairlight monitor and alphanumeric keyboard. Clearly displayed messages help the musician pinpoint errors.

Hours of composition can be stored on floppy diskette in seconds, then recalled later for performance or modification.



## USES

### SCORING

- ☆ Type in a complete multi-part score and hear it performed in real-time.
- ☆ Perform and record a whole piece without actually playing it on the keyboard.

### ARRANGEMENT

- ☆ Once the score has been entered, experiment with different sounds to try out arrangements.
- ☆ Know how the arrangement will sound before going into the studio.

### COMPOSITION

- ☆ Compose using the sounds to be used in the finished piece. Overcome the limitation of using the piano for composition.
- ☆ Add or change instruments without alteration to the composition structure.
- ☆ Add to or change the composition without changing instruments. Build up compositions from small blocks.
- ☆ Experiment with new musical forms.

### FILM AND TELEVISION SCORES

- ☆ Control every parameter precisely to create exactly the right feel. Synchronise the music down to the exact frame.
- ☆ Programme complex sound effects to occur right on cue.
- ☆ Change the sounds, music or timings with minimal effort.

### MUSIC DEVELOPMENT

- ☆ Go beyond conventional scoring techniques and experiment with new musical forms. Combined with the unique sound generating capabilities of the Fairlight, the possibilities are unlimited.

### LIVE PERFORMANCE

- ☆ Play keyboard live with simultaneous multi-voice accompaniment. Use dynamic speed control to "conduct" the composer for the tempo that's right for the live situation.

### EDUCATION

- ☆ Illustrate musical theory in a meaningful and dynamic context. Experiment with the elements of musical structure and hear how they actually sound. Try out the unconventional forms.

### MUSIC STUDIOS

- ☆ Use the Fairlight C.M.I. with the Composer in a multitrack studio to realize compositions from conception to finished tape. The musician can control every stage of the creative process in minute detail.

## FEATURES

- ☆ Plays eight parts simultaneously in real-time.
- ☆ Composer's language is simple to learn and uses symbols which are meaningful to musicians.
- ☆ No knowledge of computer programming is required.
- ☆ Screen-based Editor is extremely simple to use and includes functions such as search, change and copy.
- ☆ Notes can be entered using the music keyboard.
- ☆ Chords can be specified.
- ☆ Default system makes programming work fast and easy by eliminating redundant typing.
- ☆ Sophisticated repeat functions (can be nested to six levels) are available.
- ☆ Automatic transposition function is included.
- ☆ Programmable control of volume, attack speed, portamento, slur and other sound parameters is possible.

- ☆ Three level tree structure makes complex pieces easy to implement.
- ☆ Explicit messages help to pinpoint errors by displaying the line of text on the screen along with its line number and an arrow pointing to the problem.
- ☆ External synchronisation capability for multi-track recording.
- ☆ Programmes can be printed on paper using an external printer.
- ☆ Each of the eight voices are available at separate outputs for mix-down and effects.
- ☆ Can control voltage-controlled synthesisers using optional analogue interface.
- ☆ The Composer is supplied on a special floppy disc which runs on the Fairlight C.M.I. No modification or extra hardware is required.

This example illustrates some of the Composer features. The text in blue is what is actually typed into the Fairlight to play the three bars reproduced below.

0010      !bA : bB : bE : B = 48 :      0 = 3  
line number      all A, B and      48 time units      octave 3  
                                E flat                  per beat

0020      B : E : G + : A : D : (A : F + )  
                                G one                  chord  
                                octave up

0030      (G : E) : R : O = +  
                                rest                  go up  
  one octave

0040      G : B = 24 : A : G : A : F : B : A  
                                double speed

0050      G = 1/2 :                  G, 2                  : B + , 2  
                                increase gap between      G for 2 beats  
                                notes to 1/2 beat              (because speed  
  unit for staccato              is double)



The Fairlight C.M.I. is manufactured by  
Fairlight Instruments Pty. Limited  
15 Boundary Street, Rushcutters Bay, Sydney 2011.  
**AUSTRALIA**  
Telephone: (02) 33 5222 Telex: AA27998

For further details regarding system specifications,  
operating instructions and options, contact your nearest  
representative.

### U.S.A.

1610 Butler Ave, West Los Angeles, California 90025  
Telephone: (213) 478 2414

### GERMANY

Possenbacherstrasse 3A, 8000 Munich 71  
Telephone: (089) 791 6577

### FRANCE

10 Rue Jean Lefebvre, Lafayette Sur Seine, 95530 Paris  
Telephone: (01) 33 52 22

### ENGLAND

20/21 CONDUIT PLACE  
Ashcombe House, LONDON W2  
Telephone: (0225) Telephone: 723 3844  
723 3824