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Article Number: 00061

EAB**VIDEO**

2940 Grove Street, Berkeley

California 94703

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E A B VIDEOLAB A/B SERIES II VIDEO SYNTHESIZER

Electrical Specifications

SYSTEM SPECIFICATIONS

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|--------------------------|---------------------------------------|
| 1. VIDEO INPUTS | Six NTSC Composite / NC |
| 2. VIDEO OUTPUTS | Three, NTSC Composite |
| 3. LEVELS and IMPEDANCES | Standard, 1V., 75 Ohms Input / Output |

MODULE SPECIFICATIONS

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|-------------------------------------|--|
| 1. COLORIZER | Four levels linear edge keying,
R G B type. All functions voltage controllable. Includes
four level video keyer. |
| 2. MATRIX SWITCHER | Six inputs, six outputs 36 voltage controlled cross points.
Zero effective signal delay. |
| 3. KEY SOURCE GENERATORS | Linear controllable soft/hard edge. Four inputs, four outputs |
| 4. QUAD TRI-STABLE LOGIC
SOURCES | Four each, Three outputs each. |
| 5. DUAL LOGIC UNITS | Two each, And-Or-inhibit type with complementary output. |
| 6. CONTROL AMPLIFIERS | Two each, with Three differential inputs. |
| 7. SYNCHRONOUS CONTROL RAMPS | Synchronous with H and V rates. Six outputs. |
| 8. TRIGGERED CONTROL SOURCES | Four inputs, Three outputs.
Synchronized to vertical interval. |
| 9. EFFECTS AMPLIFIER | Three inputs, differential.
Output clamped and blanked.
Provides for negative video. |

NOTES:

Color genlock provided: composite sync, subcarrier, and drive outputs are included.

Module levels are:

- 1) Video signals: 0 - 1, Volt, clamped
- 2) Control signals: 0 - 2.5 Volt
- 3) Control inputs: +2.5 Volt full **scale**

(\$5,700)

End