



PERCOM DATA COMPANY, INC.
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RELEASE Immediate

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NEWS RELEASE

CASSETTE/TERMINAL INTERFACE FOR SWTPC 6800 OPERATES AT 120 BYTES PER SECOND

Garland, Texas - April 20, 1977 - PerCom Data Company today announced off-the-shelf availability of the first high speed, self-clocking cassette/terminal interface for the Southwest Technical Products Corporation 6800 Microcomputer.

Designated the CIS-30+, the dual function unit interfaces cassette data at a user selectable 30, 60, or 120 bytes per second, and provides RS-232 interfacing at 300, 600, or 1200 baud.

Cassette data is KC-standard/biphase encoded for dependable, self-clocking data exchange.

The self-clocking feature virtually eliminates tape speed variation errors, according to Harold Mauch, head of product development at PerCom, and permits the use of inexpensive audio recorders without loss of data reliability.

The CIS-30+ users manual and optional test cassette include PerCom cassette operating software, however, the 6800-resident Mikbug is the only software needed except for loading at 120 bytes per second. The CIS-30+ also plays unmodified SWTPC cassette software.

Cassette record and playback circuits are independent permitting operations such as cross-filing, and optional program control of recorders is available. This is accomplished without the use of a 6800 CT-CA cursor control board.

The CIS-30+ data terminal interface is full duplex, and provides for data exchange between the 6800 and the user's terminal or TVT at 300, 600, or 1200 baud. The CIS-30+ works with either the 6800 MP-C or MP-S interface card.

The CIS-30+ kit is \$69.95. Assembled, it costs \$89.95. An instruction manual is included.

If not available at a local dealer, orders may be placed directly with PerCom Data Company, 4021 Windsor, Garland, Texas 75042 (214) 276-1968. Mail and telephone orders require an additional 5% for shipping, and 10% if COD. Texas residents must also include 5% sales tax.

Features of the CIS-30+ are listed on page 2.

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- * Records and plays back at 120, 60, or 30 self-clocking bytes per second.
- * Phase-locked (biphase/M) data and clock recovery circuits ensure dependable data exchange even with inexpensive audio recorders.
- * All ordinary functions except cassette loading at 120 bytes per second accomplished with computer resident firmware.
- * Plays unmodified SWTPC cassette software.
- * Independent record/playback circuits permit operations such as cross-filing.
- * Program control of recorders easily implemented with optional kit. Price is only \$10.95.
- * Panel Local/Line switch isolates computer for "off-line" sending of recorder programs to the data terminal.
- * Data terminal interface provides RS-232 levels at user selectable 300, 600, or 1200 baud.
- * Works with any computer having UART, USART or ACIA type interface and 19.2-kHz clock.
- * Enclosure is finished in compatible SWTPC 6800 colors.
- * Off-the-shelf availability.

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