SOFTWARE DATA SHEET

2200

HASP MULTILEAVING EMULATION

The Wang HASP Multileaving Emulation software, in conjunction with an appropriate Wang communications controller, enables a 2200 Series system to communicate with a host computer supporting HASP or an equivalent Binary Synchronous Communications (BSC) multileaving protocol. Multileaving improves the throughput capability of half-duplex BSC protocols. During data transfer to and from a central computer site, multiple batch jobs are interleaved to accommodate the differences in the data handling rates of various input and output devices.

A Wang system, while operating as a HASP multileaving remote workstation, supports data transmission and reception between the central and the local site. It is possible to transmit a file, receive print data to a printer, punch data to a disk or diskette, and exchange console messages with the central site—with all the operations interleaved and seemingly concurrent.

The HASP Multileaving Emulation is suitable for high-volume batch communications. The interleaving of input, output, and command processing increases system efficiency. In addition, record blocking with space and character compression minimizes line transmission time for high-volume communications users.
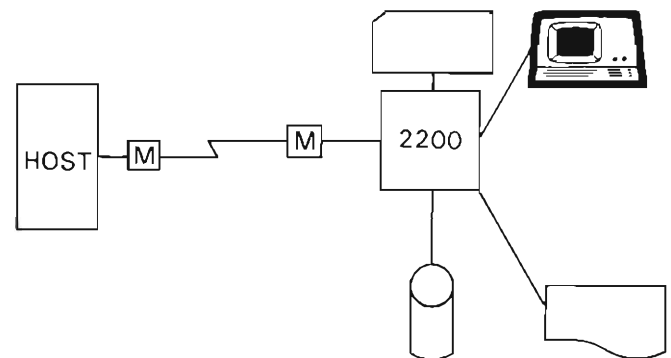
- **Communicates with a host system supporting HASP or an equivalent multileaving protocol**

- **Transmission from card reader, disk, or diskette**

- **Reception to printer, disk, or diskette**

- **Automatic disk overflow handling**

- **Transparent or nontransparent transmission**

- **Space and character compression**

- **Line speed selection: 1200, 2000, 2400, or 4800 bps**

SYSTEM REQUIREMENTS

Central Processor	Communications Controller
2200VP, MVP, or LVP 2200SVP	2228B or 2228C Option 28B or 28C

PRODUCT CHARACTERISTICS

Package Number
195-2057-3 (single-sided single-density diskette)

195-2057-5 (double-sided dual-density diskette)

Line Discipline
Binary synchronous point-to-point operation on dial-up or leased lines (half-duplex)

Line Speeds
1200, 2000, 2400, or 4800 bps

Disk File Format
Wang's TC file format supporting variable length records is used for disk/diskette transmission or reception.

Modem Selection
A Wang controller is a DTE interface, compatible with any RS-232-C/CCITT V.24 DCE interface. Modems at both ends of the communications link must be compatible with each other.

For communications up to 50 feet (15.2 meters) over RS-232-C/CCITT V.24 compatible cables, a Wang 2228N Null Modem may be used.

Memory
16K for receive to printer only (24K for disk receive support)

Error Detection
Receive block sequence checking and CRC block checking