

Series 10160

HP-IL Disk Drives

from Steinmetz & Brown, Ltd.

Preliminary Features List 5/30/84

✓ Inexpensive

SB10161 single drive: \$595 (\$450 with PPC member*)

SB10162 dual drive: \$895 (\$750 with PPC member*)

✓ High Speed Storage

Maximum seek time to any location on the disk is 1/4 second while the drive is in use and 1.25 seconds from idle. *File access times vary depending on computer, file placement in the directory, and type of access (e.g. read or write) but generally range from two to five seconds.*

✓ Inter-Drive Copying In One Package (SB10162 only)

Backups or extra copies can be made quickly without paying for two drives. Desk space is not wasted on separate drives since both are in the same package.

✓ Upgradability

For extra storage capacity or inter-drive copying capability the SB10161 single disk drive can be upgraded at any time to a dual drive SB10162 for a total of 736,000 bytes. (Price: \$325)

The CS-80 upgrade (now under development) will allow the SB10161 or SB10162 drive to be used by larger HP computers (e.g. the HP-110) with even faster throughput. (Price not yet available)

✓ Stackable with the HP-2225 Thinkjet Printer

✓ Large Storage Capacity and IBM PC Format

Each disk can store over 368,000 bytes of data. Data are stored in the the IBM PC format (i.e. 512 bytes/sector, 9 sectors/track, 80 tracks/disk).

Note: IBM directory and file structures differ from those of HP computers but user programs can create files which can be read to or from the IBM PC (this requires technical knowledge of both computers).

The HP-75 and HP-71 can access all the disk space immediately. Series 40 computers can use 131,000 bytes per disk automatically and the Extended I/O ROM permits manual or programmed access to the remainder.

✓ Works Just Like a Fast Cassette Drive

No program modifications or re-learning are needed since the drives use the same commands and functions as the cassette drive

✓ Long Media Life

Disk last many times longer than tapes and can withstand much more frequent use. Tape life is usually measured in hundreds of accesses. Disk sectors can typically be modified thousands of times. This makes them ideal for data collection and archival use.

✓ Standard 5 1/4 inch disks

Series 10160 drives use commonly available 5 1/4 inch, double-sided, double density, soft sectored disks. Because of this media are inexpensive and easy to find.

✓ Secure Data Storage

Write-protect tabs physically prevent accidental alteration of important data. When the write-protect tab is in place the drive cannot alter the contents of your disk even if an INITIALIZE or NEWM command is given.