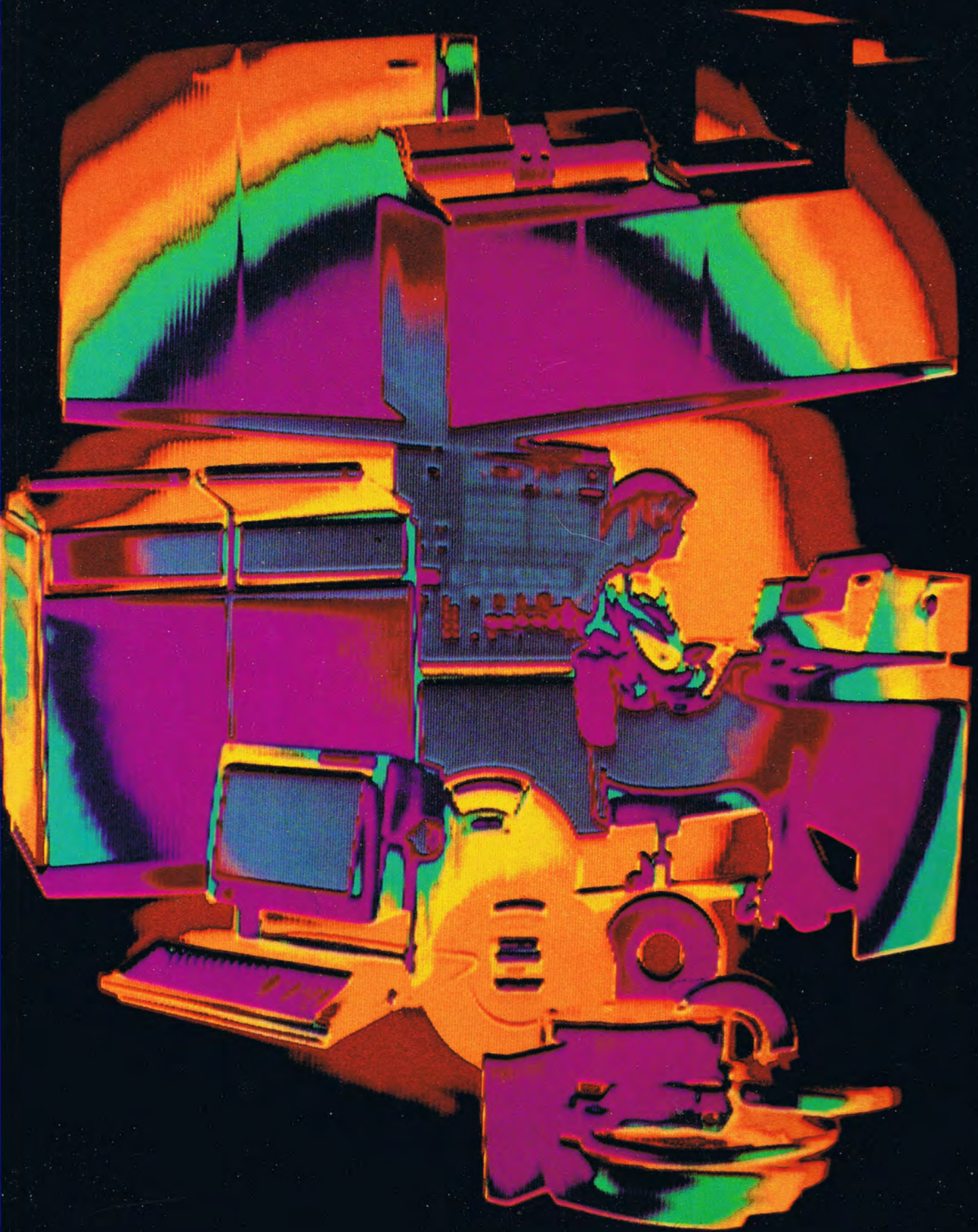


MEMOREX

Excellence in Information
Storage and Communication



MEMOREX

Disc Storage Systems



3650 Disc Storage System

The Memorex® 3650 Disc Storage System offers full functional compatibility with the IBM 3350, and more. In addition to 317.5 MB per spindle capacity, fixed head capability and 1198 KB/sec transfer rate, the Memorex 3650 features unique cylinder address and fault isolation displays, and is available with the unique Memorex security lock feature for protection of critical data files.

The Memorex 3650 incorporates the latest "Winchester" technology and is designed to ensure the highest reliability and data integrity. This technology for sealed-media drives (disc pack and drive electronics combined in a single unit) requires experience in both disc drives and magnetic recording media — a combination which Memorex has known for over a decade.



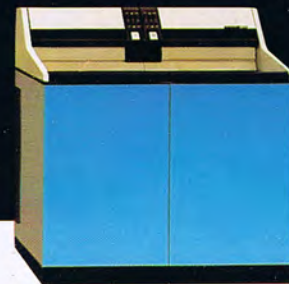
3640 Disc Storage System

The Memorex 3640 Disc Storage System, utilizing the latest advancements in storage technology, is functionally equivalent to the IBM 3340 and 3344 storage facilities, for use with both System/3 and System/370.

The 3643 Disc Drive Module contains two high-speed disc storage drives and associated control. The 3640 Disc Drive Module provides two additional drives and may be connected to either the 3643 or an IBM 3340 Model A-2. The 3644 provides two drives of non-customer removable media each of which have capacity equal to four 3640 drives.

Standard features on the Memorex 3640 and 3643 modules are autoloading, read only switch capability and an average seek time 20% faster than the equivalent IBM specification. The 3644 can replace the 3640 in configurations where higher capacity is required.

The 3640 and 3643, when used with the Memorex Data Mark™ data module, form an unbeatable combination — Memorex computer peripherals and media.



3670 Disc Storage System

The Memorex 3670 Disc Storage System offers total functional compatibility with the IBM 3330 and has writable control storage, rotational position sensing, error checking and correction, multiple requesting, record overflow and command retry as standard features. Attachment to the IBM System/360 and System/370 is made through the Memorex 3672 Storage Control Unit.

The 3673 Disc Controller handles up to eight single and/or double density drives and offers 2, 3, and 4-string switching. It allows direct attachments to IBM Integrated Storage Controls, Integrated File Adapters and 3830 Storage Control Units. The 3675 Disc Storage Drive, with 200 MB per spindle, features heads that fly 50% higher, virtually eliminating head crashes.

Excellence in Information Storage

Communications Processors and Terminals



1380 Communications Processor

The 1380, with its disc-based Network Control System, offers many benefits not available with simple IBM 270X emulation.

In addition to its ability to concurrently serve up to four host CPUs, while appearing to each one as a separate machine, the 1380 offers such features as a CRT system console, dynamic line switching, front-end polling, automatic speed detection and code conversion.

Growth plans include a commitment to support IBM's SNA and the X.25 packet protocol.



1270 Terminal Control Unit

One of the world's most widely used communications front-ends, with over 1500 installations, the Memorex 1270 is a functional replacement for the IBM 270X or the 370X in emulation mode. The 1270 attaches directly to the byte multiplexer channel of a System/360 or System/370 and handles up to 96 synchronous and/or asynchronous communications lines.

Special features include wide-band support for up to six lines of up to 56 Kilobits/second per line, automatic space recognition, and automatic code conversion. Extensive diagnostic capabilities, including down-line testing and hardware maintenance aids, are standard.



1377 Display Station

The Memorex 1377 is the advanced display station, which is the standard of value replacement for the IBM 3277 Model 2, for entering and displaying alphanumeric data on the System/3, System/360, and System/370.

The 1377 offers improvements in human engineering. Examples include: tilt screen, quieter operation, improved character formation system, non-glare keyboard and screen, reverse video cursor, audible error alarm, shift-lock, and line and column indicators. These Memorex features also result in reduced errors and increased throughput.

Optional features include security keylock, selector light pen operation, and upper/lower case display. This is another example of the superior value that characterizes Memorex communications products.

Main Memory



6400 Memory

For the first time, one memory system can meet the requirements of six different CPU models: IBM System/370, Models 135, 135-3, 138, 145, 145-3 and 148. Upgrades, downgrades, or attachment to different CPU models are accomplished easily and simply with interface board changes.

Memorex 6400 Memory offers some exclusive firsts for medium 370 users: 4K static RAMs, visual error indicators and universal modular power supply systems. Standard features include error correction, storage protection and on-line/off-line switching capability, plus complete compatibility with all IBM software diagnostics.

The Memorex 6400 Memory provides the user with the ultimate in memory—flexibility, features and quality. Exactly what you would expect from a company which stands for Memory Excellence.



6358 Memory System

The Memorex 6358 Memory System provides the System/370 Model 158 with up to eight megabytes of main storage.

Standard features include error correction, storage protect and on-line/off-line switching capability. An address relocation feature maintains full compatibility with the host CPU's address relocation capabilities. All System/370 Model 158 software and diagnostics will operate with Memorex memory.

The 6358, like every Memorex memory, is backed by the world's largest independent sales and service organization dedicated to Memory Excellence.



6368 Memory System

The Memorex 6368 Memory System provides the System/370 Model 168 with up to 16 megabytes of memory.

Standard features include error correction, storage protect and on-line/off-line switching capability. An address relocation feature maintains full compatibility with the host CPU's address relocation capabilities. The 6368 is compatible with all System/370 Model 168 software and memory diagnostics.

Memorex 6368 Memory is field-proven and quality-engineered to provide unsurpassed reliability and performance.

Excellence in Information Storage

Disc Products



Disc Products

Memorex supplies a full complement of data modules, disc packs and disc cartridges.

The DATA MARK 70 data module, with an optional fixed head feature, stores 70 million bytes of data and is fully compatible with the Memorex 3640 or IBM 3340 disc storage facility.

The MARK XI Disc Pack, with oriented oxide recording surface coating, provides the performance required for proper operation at high bit-packing densities. Other disc packs include the MARK VI, MARK VIII, MARK X, MARK XII, MARK XIII, MARK XIV, MARK XV and MARK XVIII which are fully compatible with major manufacturers' drives.

Memorex disc cartridges are available in two basic types: the front-loading MARK IIIIF and the top-loading MARK IIIT. The MARK IIIIF offers the first significant design improvement in front-loading disc cartridges since their introduction over a decade ago.

Computer Tape



Computer Tape

MEMOREX IV computer tape is the industry leader in price/performance. QUANTUM® tape, known for its excellent quality, reliability and long-term storage capabilities, is especially formulated for maximum data integrity. CUBIC™ computer tape is designed to eliminate edge damage—the most common cause of costly data loss. Its 25% thicker base film, a Memorex exclusive, provides greater resistance to operator mishandling, drive malfunction and misloading on auto-loading drives.

Flexible Discs

Memorex Markette flexible discs are available in single-sided, dual-sided and 32 hard sector configurations which are compatible with virtually all manufacturers' drives. They are also available in double-density configurations. The FD IV and FD VI flexible discs, compatible with the Memorex 651 drives, feature a hub reinforcing ring for longer life and more reliable performance.

MEMOREX The Standard of Value in Data Storage, Retrieval and Communications

The commitment to delivering products of the highest quality and reliability has earned Memorex the reputation inherent in its name—Memory Excellence. From its beginning, as a leading manufacturer of magnetic recording media for rotating data storage, Memorex has led the industry in the development, manufacture, distribution, and service of a wide range of products.

Building on its technical base of magnetic coating and recording head development, Memorex evolved its first family of peripheral products—disc drives—into the complementary product families of main memory systems, data communications systems and product offerings to the OEM marketplace.

This logical building-block approach to complementing the needs of large and small systems has resulted in Memorex becoming the largest independent peripheral supplier in the world. Building on these technologies, Memorex today offers all customers the standard of value in the data processing industry.

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Memorex Corporation—Quality, Value, Service

Founded in 1961, Memorex employs nearly 9,000 highly skilled people in more than 100 locations throughout the world. With modern headquarters and major manufacturing facilities in Santa Clara, California, Memorex also has production facilities in Liege, Belgium; Nogales, Mexico; Eau Claire, Wisconsin; and Irvine, Santa Ana, and Anaheim, California, plus a network of regional warehousing and distribution centers.

Memorex is a worldwide supplier of high technology equipment and magnetic recording media used in data storage, retrieval and communications. The growing line of products today includes high quality disc, tape and semiconductor data storage systems; telecommunications processors and terminals; computer tape, disc packs and data modules; audio and video tapes; word processing supplies; and field engineering and facilities management services.

