

MEMOREX

Mark X/L Disc Pack
Description

The Memorex Mark X/L is a high performance disc pack containing its own electronic track controllers (servo tracks) which the drive utilizes to properly position its ultra sensitive read/write heads. The Mark X/L is the successor to the Mark X disc pack and carries a lifetime warranty.

Compatible with Memorex 3670 and IBM 3330 disc drives, the Mark X/L contains 12 discs. There are 19 data surfaces plus one for the pre-recorded servo tracks. Maximum data storage capacity is 100,018,000 bytes. Each Mark X/L is pre-initialized with home address and record zeros assigned, saving programming and computer time.

Physical construction of the Mark X/L includes a Lexan* coverset, tempered steel top cover inserts, stainless steel locking assembly, chip resistant face gear, and forged aluminum hubs. Each pack is dynamically balanced in two planes to insure high speed performance.

*Registered trademark of General Electric Co.

Mark X/L
Disc Pack



Mark X/L Disc Pack Technical Data

Compatibility

The Mark X/L is designed for use on the Memorex 3670, the IBM 3330 and other compatible disc drives. It will also perform on any disc drive designed to utilize an IBM 3336 type pack.

General Specifications

The Mark X/L will meet or exceed the specifications detailed in IBM Document GA26-1614.

Physical Dimensions

(including coverset)
Height 7.06 inches
Diameter 14.9 inches
Weight 21.0 pounds
Shipping Weight 26.5 pounds

Disc Information

Total discs per pack	12 each
Bottom protective disc	1 each
Top protective disc	1 each
Recording discs	10 each
Disc thickness	0.075 inches
Nominal coating thickness	50 μ inch
Surface smoothness	2 μ inch

Recording Surfaces

Data surfaces per pack	19 each
Servo surfaces per pack	1 each

Maximum Data Storage

Per pack	100,018,000 Bytes
Per cylinder	247,570 Bytes

Servo Tracks

Pre-Recorded Home Addresses and track descriptors (R0) are assigned prior to shipment

Initialization

Alternate Tracks

7 per surface
133 per pack

Data Tracks

404 per surface
7676 per pack

Recommended Environment

Temperature	60-120°F
Relative humidity	8-80%
Maximum wet bulb	78°F

Before the Mark X/L is placed into operation, it shall be conditioned in the computer room environment for a minimum of two hours.