



MICRO PERIPHERALS INC.

# B51/B52

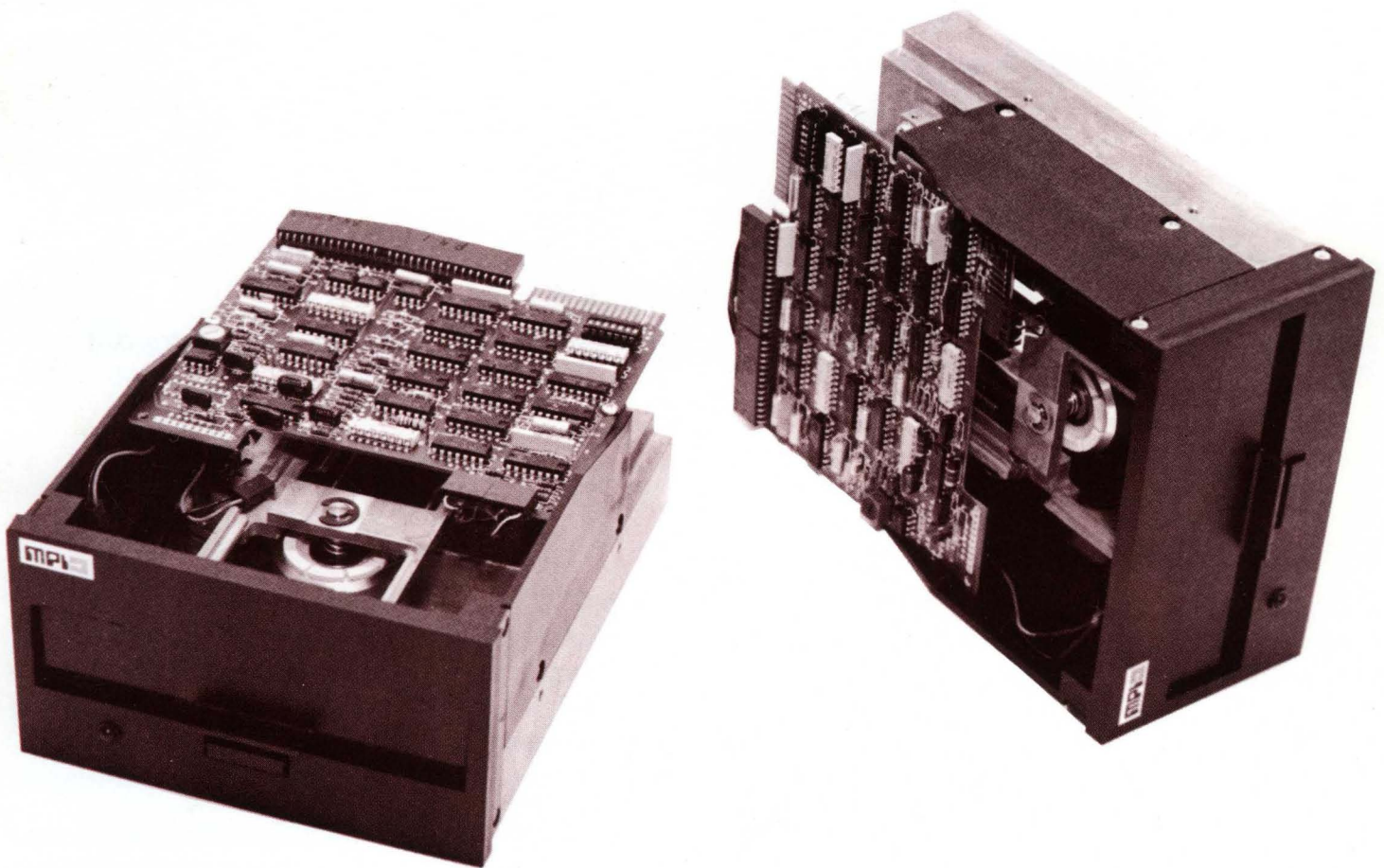
*HIGHEST DATA CAPACITY*

*DOUBLE DENSITY*

*DUAL HEADS*

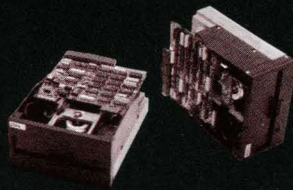
*FASTEST ACCESS*

*SIMPLICITY IN DESIGN*



Industry Standard • Single or Dual Sided  
Single or Dual Density • Fast Access  
5.25 inch Flexible Disk Drive

# B51



## MIGHTY MINI

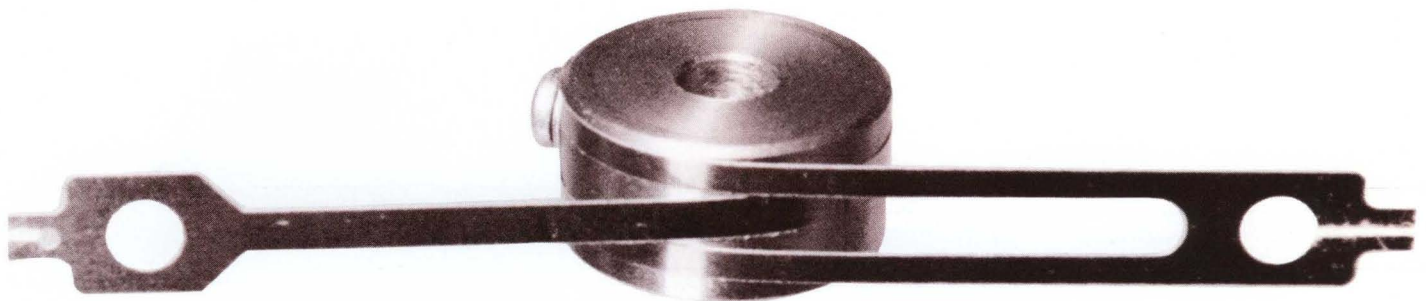
### SINGLE SIDED, 5.25 INCH FLEXIBLE DISK DRIVE

#### HIGHEST DATA CAPACITY

The MPI B51 Mighty Mini is a compact, 5¼" flexible disk drive designed to handle both single and double density data storage. The Mighty Mini will accommodate FM, MFM, M<sup>2</sup>FM or GCR encoding techniques and by utilizing double density recording, store up to 250K bytes of data on a single side.

#### HIGH ACCURACY POSITIONING

The pulley-band design offers extremely high positioning accuracy. Due to the almost non-existent friction and high temperature stability, on-track repeatability is guaranteed over the life of the drive.



#### AUTOMATIC DISKETTE POSITIONING AND EJECTION

One of the critical areas for any floppy disk is the media handling. A unique door/ejection mechanism assures the user the best media handling available. On inserting the media the dual purpose ejector mechanism exactly positions the media over the spindle hub. When closing the door, the media is guaranteed a clean, dustfree environment. Upon releasing the door button, the media is ejected to a position making the media removal convenient for the operator.

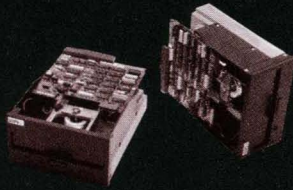
#### FASTEST ACCESS

The Mighty Mini's exclusive band-positioning design sets an industry standard for fast and accurate positioning. Track to track access time is only five (5) milliseconds, which is more than twice as fast as the nearest competitor.

#### APPLICATIONS

The B51/52 Mighty Mini offers the system user a highly reliable, random access storage device, which greatly enhances system reliability and through put. Used as a program input device or daisy chained for maximum storage capacity, the application ranges from Word processing Text Editing to the personal computer system market.

# B52



**SUPER MINI**

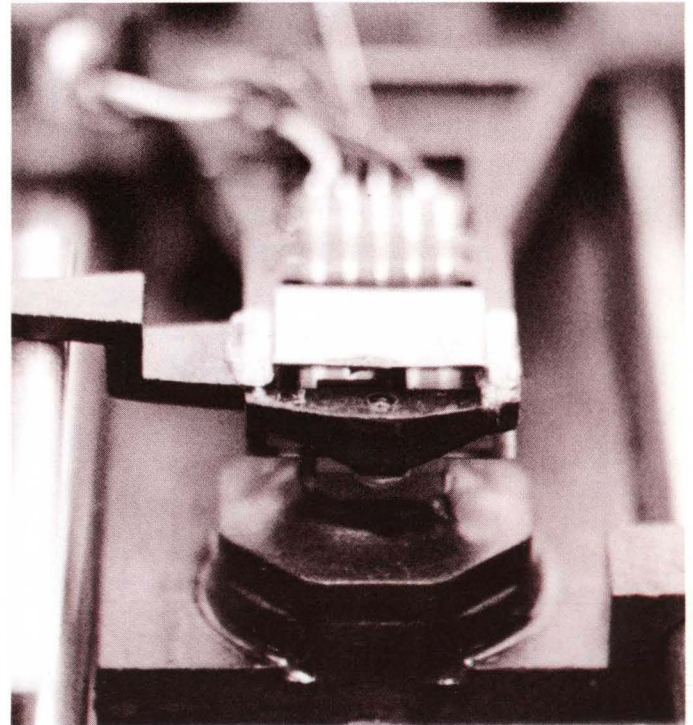
**DOUBLE SIDED, 5.25 INCH FLEXIBLE DISK DRIVE**

## **DUAL HEADS**

The MPI B52 Super Mini, doubles the storage capacity of the B51. The addition of a second head gives the system direct access to 500K bytes of data, without going through a cumbersome media-flip operation. The head design approach, which is superior in the 5" floppy market, was based on an IBM compatible design, and far exceeds the data reliability specifications commonly quoted in the industry.

## **DESIGN COMMONALITY**

The Mighty and Super Mini Flexible disk drives share the same basic components. The difference between the two products is the Read/Write head assembly. This commonality in design and components assures ease of manufacturing, which in turn means higher reliability and lower cost. This, coupled with the commonality in spares inventory, is a direct cost effective technique which is passed on to the user.



## **PRODUCT GROWTH**

The natural system growth is to steadily increase storage capacity and transfer rate. MPI offers the system designer an opportunity to expand performance with a minimum change in hardware configuration. Tailor your system requirements from the adjoining chart.

	<b>Single Density</b>	<b>Double Density</b>
<b>B51</b>	124.7k	249.4k
<b>B52</b>	249.4k	498.8k

