

# CALCOMP CD1 DISK DRIVE



# CALCOMP CD1 DISK

## The CalComp CD1

The CalComp CD1 Disk Drive is a random access storage device using removable disk packs. Up to 58 million bits can be recorded on each disk pack. Speed, storage capacity, low cost, and attention to both electrical and mechanical design make the CD1 the ideal random access storage device.

The CD1 Disk Drive is plug-to-plug interchangeable and format compatible with the IBM 2311 Disk Storage Unit. That means it's ready to plug into any System 360 installation with no system or programming modifications. And format compatibility means that any disk pack written on the IBM 2311 can be read with the CD1, or any disk pack written on the CD1 can be read with the IBM 2311. The only differences between the CalComp unit and the IBM 2311 are price and performance. The CD1 costs considerably less than the IBM 2311, and each CD1 provides access time that is less than half that of the IBM 2311.

There's another reason for choosing the CalComp CD1 as the mass storage device for your System 360. And that reason is service. CalComp has local service centers throughout the United States, Canada, and overseas. Advanced third generation design, elimination of troublesome hydraulic head positioning, and rugged environmental testing of each unit make the CD1 the most reliable disk drive available. But—when you need it—we've got the service organization to ensure maximum reliability and uptime.

The CalComp CD1 not only meets your needs of today, but, because it is expandable, it will also meet your needs of tomorrow. It is the only disk drive that features expandable disk pack capacity. The CalComp CD1 can grow with your computer center—not be obsoleted by your requirements of tomorrow.

## The CalComp CD1 offers you:

- ... **Fastest access, lowest cost per bit, random access storage device available**
- ... **Plug-to-plug and program compatible with IBM 2841 Storage Control Unit**
- ... **Format compatible with IBM 2311 Disk Storage Drive**
- ... **Guaranteed interchangeability of disk packs written or read by IBM 2311**
- ... **Up to 58 million bits of mass storage per disk pack at an average access time of 30 milliseconds**
- ... **Expandable disk pack capacity**
- ... **Electro-mechanical head positioner, all integrated logic circuits, and simplicity of mechanical design ensure maximum reliability and performance**
- ... **Local maintenance service available from established service centers throughout the United States**

# DRIVE

## SPECIFICATIONS

<b>Disk Pack Capacity:</b>	58 million bits 7.25 million 8-bit bytes
<b>Transfer Rate:</b>	156,000 bytes per second
<b>Access Time:</b>	
Track to Track Head Positioning	10 milliseconds
Full Stroke Head Positioning	60 milliseconds
Average Head Positioning	30 milliseconds
<b>Format:</b>	IBM 2311 plug compatible
<b>Controller:</b>	IBM 2841 Storage Control Unit or equivalent
<b>Removable Disk Pack:</b>	IBM 1316 or equivalent
<b>Number of Recording Surfaces:</b>	10
<b>Rotational Speed:</b>	2400 rpm (25 ms)
<b>Size:</b>	30 in. wide, 24 in. deep, 38 in. high
<b>Weight:</b>	Approximately 350 lb
<b>Operating Environment:</b>	
Temperature	60° to 90° F
Relative Humidity	10 to 80%



(4K)

CALCOMP

CALIFORNIA COMPUTER PRODUCTS, INC.  
305 North Muller Street Anaheim, California 92803  
Phone (714) 774-9141 TWX 910-591-1154