

1982

MAY 7 1983

# MEMOREX

## 3888 Dual Director Storage Control Unit

The Memorex 3888 Dual Director Storage Control Unit consists of two independent storage directors, each of which can support up to two subsystems of Memorex 3680 Direct Access Storage Devices or four subsystems of other Memorex DASD. The 3888 attaches to the block multiplexer channel of IBM central processing units or equivalent processors. The storage directors can be attached to the same channel, to separate channels on the same processor or to channels on different processors.

The 3888 offers substantial enhancements over previous storage control unit technologies. The 3888 provides dual flexible disc drives which are used for loading programs and for recording trace activities. The dual flexible disc system also provides a scratch pad area for the logging of information and maintenance history. The unique architecture enables the 3888 to communicate with a remote analysis center via a telelink interface, thereby providing the highest service level of support possible in a real time fashion. The 3888 also incorporates a microprocessor for maintenance diagnostics. The microprocessor allows Customer Engineering to perform maintenance actions, test logic, and isolate any failing components.

The 3888 offers a unique single-model architecture allowing the attachment of various models of Memorex DASD. Each storage director has the capability to support Memorex 3670, 3675, 3650 and 3652 as well as the Memorex 3680. The 3888 can control up to 32 actuators and 64 logical devices per storage director. This capability enables the 3888 to control up to 40 billion bytes of storage when attaching 3680's or 3652's.

The 3888 can be attached to System 370 models 158 and 168, the 303X series, the 308X series, the 4341 Group Two and the 3042 as well as the plug compatible versions of the above central processing units.



## 3888 Dual Director Storage Control Unit Optional Features:

The Speed Matching Buffer feature of the 3888 permits attachment of the 3888 to block multiplexer channels with data rates lower than 3 megabytes per second. The capabilities of the speed matching buffer permit sharing of 3680's by both 1.5 and 3 megabytes per second block multiplexer channels.

Remote Switch allows relocation of the enable/disable switches to a configuration panel in a remote location.

Two (2) Channel Switch feature allows access from two (2) channels from the same or different central processing units. A total of four channels, two per director, have access to the 3888.

Four (4) Channel Switch feature allows access from four (4) channels from the same or different central processing units. A total of eight (8) channels, four (4) per director, have access to the 3888.

Eight (8) Channel Switch feature allows access from eight (8) channels from the same or different central processing units. A switching mechanism allows the eight (8) channels to have access to both directors.

## Specifications

### Dimensions

	Front	Side	Height
Inches	44½	32	71¾
(cm)	(114)	(82)	(183)

### Service Clearances

	Front	Rear	Right	Left
Inches	40	35	0	0
(cm)	(99)	(90)	(0)	(0)

### Weight

800 lbs.  
(362 kg.)

### Power Requirements

Power Requirements	60 Hz	50 Hz
Voltage	208/230 ± 10%	220/380 ± 10%
Frequency	60 ± 0.5 Hz	50 ± 0.5 Hz
Phase	Three Phase	Three Phase
Branch Service	15 Amperes	15 Amperes

### Memorex Corporation

U.S. Sales & Service  
San Tomas at Central Expressway  
Santa Clara, California 95052

© 1982 MEMOREX CORPORATION  
EPG-187 PRINTED IN U.S.A.

**MEMOREX**  
A Burroughs Company