

# 2065



# The Memorex 2051 Model 11 Display Station

## Highlights

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### The Necessity of Efficiency

Memorex engineers have been very clever in adapting size to space in the design of the Memorex 2051 Model 11 Display Station.

And we did not stop with space efficiency.

We designed-in features to make the operator more comfortable and more productive. A non-glare, tiltable screen, for instance, reduces eye fatigue and allows positioning of the monitor for easy readability. Characters are crisp, resolution is high and user information is heightened by a line and column indicator and additional 25th line.

Nor did we stop with human compatibility; we continued to strive for energy efficiency. To produce a display station that generates less heat and consumes less power than many of its competitors.

The 2051 is a functional replacement for the IBM 5251 Model 11 Display Station. An operator may enter and display alphanumeric data to and from the IBM System/34 and System/38. It communicates via a twinaxial cable attached to the CPU or through an IBM 5251 Model 12 Cluster Controller.

An 83-key EBCDIC typewriter keyboard with numeric pad is available with the 2051 Display Station. The 1920-character display area consists of 24 eighty-character lines. The 2051 displays characters within an 8x16 dot character matrix in a 10x24 dot window.

The lightweight unit is customer installable. Because it weighs only 55 pounds, it can be put in place or relocated with ease.

### Convenience Is Standard

**The tiltable screen** adjusts 30 degrees up and 15 degrees down from horizontal for maximum operator comfort, or for use in unusual business environments.

**A removeable monitor** may be taken from the stand and placed on a shelf to conserve space at a workstation.

**The Display Station utilizes approximately 55 percent less power** than the IBM 5251, and operates silently, without the need for a cooling fan. Because low power consumption reduces the amount of heat generated by the 2051, it provides for a more comfortable operating environment, extends the life of the CRT, and reduces air conditioning requirements. All this results in lower power bills.

**Alternate cursor styles**, either block or underscore, are operator selectable. In addition, the user may choose between clicking or non-clicking keyboards.

**Line and column cursor indicator and system status information** are provided on an additional 25th line which is dedicated to user information. This feature is particularly advantageous for those entering position-sensitive data.

**The non-glare screen and key tops** reduce eye fatigue caused by screen glare from overhead lighting. The screen also is fingerprint resistant.

## Optional Features

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**Cable-Thru** allows additional display stations or printers to be attached through the 2051, daisy-chain style, with the first terminal directly attached to the CPU via a twinaxial cable.

**Automatic dimming of the display** occurs if there is no activity on the keyboard for approximately 10 minutes. Full brightness is restored when the operator strikes any key on the keyboard. This feature helps prevent screen burn and extends the life of the CRT.

**The N-key rollover** removes constraints imposed by the keyboard on the operator's typing speed.

**Easy reference operator templates and typamatic alphanumeric keys** are among numerous operator conveniences.

**An audible alarm** alerts the operator of incoming messages. If, however, the user has selected the non-click mode, the alarm will not sound.

### Flexibility When You Need It

**A security keylock** prevents information from being displayed and display station operation when in the OFF position. This feature is particularly helpful for businesses requiring security, because it prevents the display station from communicating with the CPU.



# 2051 Model 11 Display Station Specifications

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## Display Format

1920 characters (24 eighty-character lines)

## Display Size

20 cm (8 in.) high, 25 cm (10 in.) wide  
±0.25 cm (0.10 in.)

## CRT Size

38 cm (15 in.) diagonal

## Character Type

Displays characters within an 8x16 dot character matrix in a 10x24 dot window.

## Character Set

EBCDIC, upper and lower case alpha, numeric and 29 special characters.

## System Interface

Communicates with IBM System/34 and System/38 via a twinaxial cable attached to the CPU or through an IBM 5251 Model 12 Cluster Controller.

## Physical Dimensions

Monitor:

Depth: 41 cm (16 in.)

Width: 44 cm (17 in.)

Height with stand: 48 cm (19 in.)

Keyboard:

Depth: 23 cm (9 in.)

Width: 50 cm (20 in.)

Height: 9.7 cm (3.8 in.)

## Cabinet

White textured finish with black accents.

## Power

115/230V, 60/50 Hz, .065 kVA

## Weight

Monitor with stand: 21 kg (46 lb.)

Keyboard: 4 kg (8.5 lb.)

## Operating Environment

Ambient Temperature:

10° to 43°C (50° to 110°F)

Ambient Relative Humidity:

10% to 90%

## Heat Dissipation

Typical: 52 Kcal/h (205 BTU/h)

Maximum: 65 Kcal/h (256 BTU/h)

## Memorex Corporation

Communications Group  
18922 Forge Drive  
Cupertino, California 95014  
(408) 996-9000

## Memorex International Ltd.

Hounslow House  
530 London Road  
Hounslow  
Middlesex, England TW3 1PD  
001-44-1-5727391

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