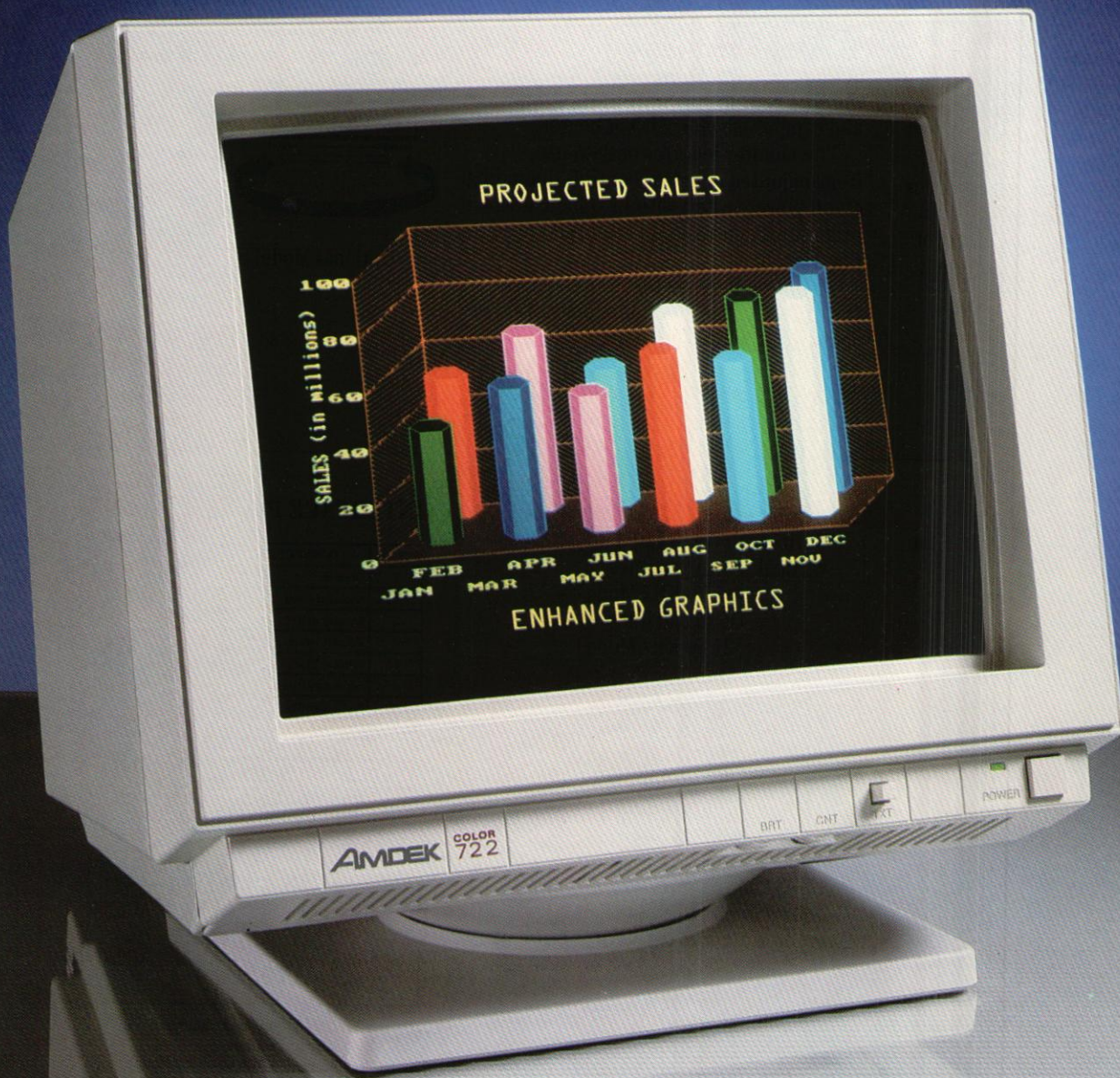


The Amdek Color 722



The High Performance RGB Color Monitor...
Designed to support the
IBM Enhanced Graphics Adapter.

AMDEK
Clearly the finest in monitors.

The Amdek Color 722

...The High Performance Color Monitor

The Amdek Color 722 is a dual-mode RGB video input color monitor designed for the high resolution performance video demands of enhanced business graphics, engineering and other CAD/CAM applications. The Color 722 is compatible with the IBM Enhanced Graphics Adapter, the IBM Color Graphics Adapter and other compatible video driver boards.

In the 15.75 KHz mode, the Color 722 fully emulates the standard IBM Color Display and compatible monitors to provide graphics resolution up to 640 (H) x 200 (V) lines, and support of up to 16 colors.

In the 21.8 KHz mode, the Color 722 fully emulates the IBM Enhanced Graphics Display to provide graphics resolution up to 640 (H) x 350 (V) lines, and support of up to any combination of 16 colors from a 64 color palette.

The Amdek Color 722 is protected by Amdek's exclusive two-year warranty on monitor electronics, including parts and labor; three-year parts protection on the CRT. The monitor is FCC and UL approved for use in the office, classroom and home.

FEATURES

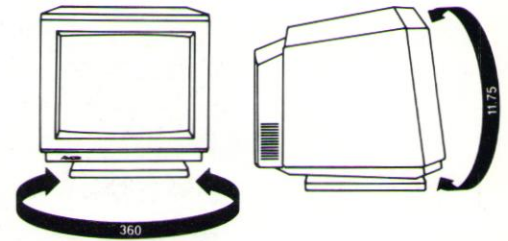
The aesthetically-designed 722 features an etched glass, non-glare .31 mm CRT, and fully supports the dual frequency output (15.75/21.8 KHz) generated by the IBM Enhanced Graphics Adapter and compatible video driver boards.

The monitor features easy-to-use, front-mounted operator controls, including on/off power switch with LED indicator, brightness, contrast and a convenient text switch.

The three-position text switch on the front panel of the monitor enables the selection of white (full color), green or amber text. The Color 722 is capable of supporting up to 80 columns x 25 lines of text.

OPTIONS

An optional tilt/swivel base, Model ST-1 is available for the Color 722. The stand is ergonomically-designed to provide the user maximum flexibility in selecting a comfortable viewing angle. A mounting kit for the stand is included to permanently integrate the base into the monitor cabinet.



Optional Model ST-1 Tilt/Swivel Base

SPECIFICATIONS

CRT Type:

13" (33cm) 90 Deg. In-line, Etched for non-glare

Phosphor Type:

P22

Power Source:

AC 120V \pm 10% 60 Hz

Power Consumption:

1.2A max 79 W typical

Input Signal

Red, Green, Blue, Intensity TTL Level

Band Width (Approx.):

22 MHz

Sync. Signal:

Horizontal: 15.75 KHz and 21.8 KHz
adjusts automatically

Vertical: 60 Hz

Display Size:

240(W) \pm 5 mm x 180(H) \pm 5 mm

Display Time: 21.8 KHz Mode

Horizontal: 39.9 usec.

Vertical: 16.0 msec.

15.75 KHz Mode

Horizontal: 44.3 usec.

Vertical: 12.6 msec.

Retrace Time:

Horizontal: 6.0 usec. maximum

Vertical: 0.5 msec. maximum

Resolution: (non-interlaced)

Horizontal: Up to 720 dots

Vertical: Up to 240 lines

(15.75 KHz Mode)

Up to 350 lines

(21.80 KHz Mode)

Misconvergence:

Center: 0.6 mm maximum

Corner: 0.8 mm maximum

Display Colors:

64 colors (21.80 KHz Mode)

16 colors (15.75 KHz Mode)

Recommended # of Characters

to Display:

Up to 2000 characters

(80 characters/line x 25 lines)

Character Matrix:

8 x 14 at 21.8 KHz; 8 x 8 at 15.75 KHz

Dot Pitch:

.31 mm

Dimensions:

14.3(W) x 12.4(H) x 15.7(D) Inches

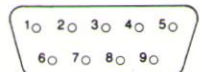
Weight:

14.5 Kg; 32.0 lbs.

(Specifications are subject to change)

INTERFACE PIN ASSIGNMENTS

PIN NO.	CONNECTION
1	Ground
2	Secondary Red
3	Primary Red
4	Primary Green
5	Primary Blue
6	Secondary Green/Intensity
7	Secondary Blue
8	Horizontal Sync
9	Vertical Sync



COLOR 722 COMPATIBILITY

IBM PC/XT/AT	AC2200*
Compaq Deskpro	AC2200*
Corona	AC2200*

a—IBM Enhanced Graphics Adapter or compatible card required
AC2200 cable included with Color 722 Monitor.

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