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Macintosh 21 Color Display: Specifications (Discontinued 3/94)

Revised: 3/14/94
Security: Everyone

Macintosh 21" Color Display: Specifications (Discontinued 3/94)

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TOPIC -----

This article gives the technical specifications for the Macintosh 21-inch Color Display, which Apple discontinued on 14 March 1994, replacing it with the Apple Multiple Scan 20 Display.

DISCUSSION -----

System Requirements

- Macintosh personal computer equipped with an appropriate video card
- Video cable (supplied with the display)

Optical Features

- 20-inch diagonal viewable with in-line gun
- 90 degree deflection angle
- Black matrix-type dot screen
- Phosphor type P22 (aluminized)
- Flat, square faceplate with gray filter glass, 50% nominal light transmission
- Shadow mask

Screen Resolution

- 1152 horizontal pixels by 870 vertical lines; 79 dots per inch (dpi)
- .26 mm horizontal by .29 mm vertical dot pitch

Input Signals

- Red, green, and blue video signals; TTL separate sync

User Controls

- Back panel
 - Power switch (above power cord)
 - Manual degauss (above security lock)
- Front panel
 - Brightness, with detent (right)
 - Contrast (left of brightness control)

Scanning and Refresh Rates

- Horizontal scan rate: 68.7 kilohertz
- Vertical refresh rate: 75 hertz

Rise and Fall Time

- Five nanoseconds, maximum

Active Video Display Area

- 14.6 inches horizontal by 11.0 inches vertical (371 mm horizontal by 280 mm vertical); remainder of display area is used for border.

Electrical Requirements

- Voltage: 85 to 135 volts AC or 170 to 270 volts AC
- Frequency: 47 to 63 hertz
- Power: 165 watts maximum

Fuse Protection

- Internal power line fuse protection; the display fuse should be replaced with a fuse of the same type by a qualified service technician.

Environmental Requirements

- Operating temperature: 50 to 95 degrees F (10 to 35 degrees C)
- Operating humidity: 95% maximum, noncondensing
- Maximum altitude: 10,000 feet (3,048 m)

Size and Weight

- Height: 18.5 inches (47.0 cm)
- Width: 19.6 inches (49.8 cm)
- Depth: 20.9 inches (53.0 cm)
- Weight: 79.6 lb. (36.2 kg)

Safety Agency Approvals

- Emissions: FCC (class A), VDE (class A), FTZ, CISPR, Swedish MPR magnetic (VLF and ELF)
- Safety: UL, CSA, FDA/DHHS, Scandinavian EMKOs, PTB

Article Change History:

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14 March 1994 - Added discontinuation information.

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