Tech Info Library

AppleVision 1710 Display: Technical Specifications (1/96)

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Revised:        1/31/96
Security:       Everyone
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AppleVision 1710 Display: Technical Specifications (1/96)

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TOPIC ---
This article contains the technical specifications of the AppleVision 1710
Display.

DISCUSSION --

Picture Tube

• 17-in. (diagonal) Trinitron CRT
• 16.1 in. (diagonal viewable image size)
• 0.26-mm stripe pitch (0.25-mm grille pitch)

Resolution/Screen Refresh Rate

Macintosh computers:
• 640 by 480 pixels at 67 Hz
• 832 by 624 pixels at 75 Hz
• 1,024 by 768 pixels at 75 Hz
• 1,152 by 870 pixels at 75 Hz
• 1,280 by 1,024 pixels at 75 Hz

PC-compatible systems:
• 640 by 480 pixels at 60 Hz to 75 Hz
• 800 by 600 pixels at 60 Hz to 75 Hz
• 1,024 by 768 pixels at 60 Hz to 75 Hz
• 1,280 by 1,024 pixels at 60 Hz to 75 Hz

Scanning Rates

• 30 kHz to 80 kHz (horizontal)
• 40 Hz to 120 Hz (vertical)

Apple DigitalColor Technology Features

- Self-calibration against factory measurements
- Adjustment for ambient lighting
- Adjustment for CRT phosphor aging

Screen Treatment

- Antistatic, antiglare coating

Digital Controls

- Brightness
- Contrast
- Horizontal size and centering
- Vertical size and centering
- Convergence
- Rotation
- Pincushion
- Completely variable white-point selection: 4,100 deg. K to 9,300 deg. K
- Power switch

Connector

- 15-pin DSub connector for Macintosh systems
- 15-pin DSub mini-adapter for PCs

Degauss Circuitry

- Automatic at power up

Electrical Requirements

- Line voltage: 90 to 264 V AC
- Frequency: 47 to 63 Hz, single phase
- Power: 150 W (maximum) when operating; less than 11 W in standby mode; 0 W in suspend mode and when CPU is in energy-saver mode

Environmental Requirements

- Temperature: 50 to 104 deg F (10 to 40 deg C)
- Humidity: 10% to 80%, noncondensing
- Altitude: 0 to 10,000 ft. (0 to 3,048 m)

Size and Weight

- Height: 16.8 in. (42.7 cm)
- Width: 16.2 in. (41.1 cm)
- Depth: 17.6 in. (45.2 cm)
- Weight: 49 lb. (23 kg)

Agency Approvals

- FCC Part 15 Class B
- CISPR 22 Class A (EN5008211)—complies with European EMC directive

- DOC Class B
- MPR II
- VCCI Class 2
- CE Mark
- EPA Energy Star compliant
- IEC 950
- UL1950
- CSA 950
- EN60950

System Requirements

• Power Macintosh, Macintosh Quadra, Macintosh Centris, Macintosh II (with video card), and PowerBook computers*
• System software version 7.1 or later

* Not all models and configurations are capable of driving the monitor to the highest resolution it supports.

Ordering Information

AppleVision 1710 Order No. M3322LL/A

- AppleVision 1710
- AppleVision software
- PC adapter
- Integrated, attached video and Apple Desktop Bus cable
- Power jumper cable
- Ambient light wand
- User's guide
- Limited warranty

Product specifications are subject to change. Check with your Apple reseller for the most current information about product specifications and configurations.

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