



Tech Info Library

AppleColor RGB Monitor: Specifications (Discontinued 12/92)

Revised: 9/13/93
Security: Everyone

AppleColor RGB Monitor: Specifications (Discontinued 12/92)

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I. Technical Specifications

A. Picture Tube:

- 12-inch diagonal (11.5-inch viewable)
- 0.37 mm tri-dot-pitch high contrast (black matrix)

B. Input Signal:

- Analog
- Red, green, blue video signals composited with negative going synchronous 1.0+/- 0.5 volts peak to peak, internally terminated with 75 ohm resistors. Composite synchronous negative going 4.0 +/- 1.0 volts peak to peak, internally terminated with 2000 ohm resistor.

C. Scanning Frequencies:

	System: NTSC/60	NTSC/50-PAL/50
1. Horizontal:	15.734 kHz	15.659 kHz
2. Vertical:	60 Hz	50Hz

D. Video Bandwidth:

- Flat within 1.5 DB to 6.5 MHz. Less than 3 DB down at 8 MHz.

E. Resolution:

- 640 horizontal by 200 vertical pixels when used with the Apple IIGS.

F. Active video display area:

- Adjusted at the factory to produce an active video area of 200 mm horizontal by 150 mm vertical.
- Remainder of display area is used for border display area.

G. User Controls:

1. Power switch (right side)
2. Contrast (right side)
3. Brightness, with detent reference (right side)
4. Vertical size (back panel)
5. Vertical hold (back panel)
6. Horizontal hold (back panel)

H. Physical:

- | | mm | inches |
|------------|---------|--------------|
| 1. Height: | 281 | 11 |
| 2. Width: | 344 | 13.5 |
| 3. Depth: | 405 | 16 |
| 4. Weight: | 12.5 kg | 27.56 pounds |

I. Electrical

1. Power Requirements:
 - Less than 65 watts under normal viewing conditions.
 - 90 watts maximum.

2. Input Voltage:

Model	Operating Range	Power Frequency
a. 120 v	108-132	50-60 Hz
b. 220 v	198-242	50-60 Hz
c. 240 v	216-264	50-60 Hz

3. Fuse Protection:

- The monitor contains internal power line fuse protection. This fuse should be replaced with the same type by a qualified service technician.

4. Interface:

- 15-pin D-style connector
- Apple IIGS cable

J. Environmental (Operating):

- | | Celsius | Fahrenheit |
|---------------------------|---------|------------|
| 1. Temperature (ambient): | 0-50 | 32-122 |

2. Humidity: 90% maximum
3. Altitude: 10,000 feet maximum

II. Part number: A2M6014

III. System Configuration

-- Apple IIGS

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