



Tech Info Library

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):

- | | |
|---------------------------|-------------------------|
| | Degrees |
| | 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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