



Tech Info Library

Apple Color Plus 14 Display: Specifications (12/93)

Article Created: 4 November 1993

Article Reviewed/Updated: 10 December 1993

TOPIC -----

What are the specifications for the Color Plus 14" Display?

DISCUSSION -----

Picture Tube

- Shadow Mask
- 14-inch diagonal, 13-inch viewable CRT
- 0.28 mm dot pitch

Scanning and refresh rates

- 35-kHz Horizontal frequency
- 67 Hz Vertical refresh rate

Video

- Resolution: 640 horizontal by 480 vertical pixels
- Active raster width: 9.4 inches (nominal)
- Active raster height: 7 inches (nominal)

Controls

- Brightness
- Contrast
- Power on/off
- Horizontal and Vertical Shift Controls on the front of the unit.

Physical Measurements

- Weight: 25.3 lbs (11.5 Kg)
- Height: 12.9 inches (32.8 cm)
- Width: 14.5 inches (36.8 cm)
- Depth: 15.2 inches (38.5 cm)

Power Supply

- Input voltage: AC 100-125V
- Input frequency: 50-60Hz
- Input current: 1.2A max. (at 120VAC)
- Consumption: 70W

BTU/hour

- 273.2 BTUs per hour

Environmental Requirements

- Operating ambient temperature: 5° C to 35° C
- Humidity: 10% to 80% (non-condensing)
- Altitude: to 7,000 feet
- Storage temperature: -40° C to 65° C

CIE coordinates

- Red x = 0.625 +-0.020, y = 0.340 +-0.020
- Green x = 0.280 +-0.020, y = 0.595 +-0.020
- Blue x = 0.155 +-0.015, y = 0.070 +-0.015

Luminance

- 25 foot lamberts (+-3 foot lambers)

Input Voltage Range

- 90-134 Vrms, USA version
- 200-265 Vrms, Euro version

Signal Connector

- 15-pin D shell connector

Pin	Function
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1	Red signal
2	Green signal
3	Blue signal
4	Jumper to pin 10
5	Self test
6	Red return
7	Green return
8	Blue return
9	No pin
10	Digital ground
11	Jumper to pin 10
12	No pin
13	Horizontal sync.
14	Vertical sync.
15	No pin

Safety

- Meets strict SWEDAC MPR-2 requirements for low-frequency (ELF and VLF) magnetic and electric emissions.

Order Number

- M2346LL/A

Article Change History:

10 December 1993 - Added BTU information

12 November 1993 - Removed information on being VGA compatible (with adapter), added control information

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