



# Apple Basic Color Monitor

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## Specifications

Apple Basic Color Monitor





## Characteristics

<b>Picture Tubes</b>	13-in. viewable diagonal screen 0.39-mm dot pitch
<b>Screen Resolution</b>	9.45 in. by 7.09 in. (240 mm by 180 mm)
<b>Active Video Display Area</b>	Vertical refresh rate: 60 Hz
<b>Scan Rates</b>	Horizontal scan rate: 31.5 KHz





## Controls

### **User Controls (Domestic)**

Front panel: power switch; brightness and contrast controls

### **Adjustment Controls (Domestic)**

Rear panel: vertical and horizontal centering controls

### **International Controls**

Front panel: power switch; brightness and contrast; vertical and horizontal centering controls





## Physical and Electrical

### **Power Supply**

Domestic voltage: 100-125 VAC

International voltage: 220-240 VAC

Frequency: 50-60 Hz

Power: 70 W

### **Size (Domestic)**

Height: 13.1 in. (328 mm)

Width: 14.7 in. (368 mm)

Depth: 15.4 in. (385 mm)





**Size (International)**

Height: 15.3 in. (382 mm)

Width: 14.2 in. (356 mm)

Depth: 18.1 in. (452mm)

**Weight**

25.3 lb. (11.5 kg)





## Operating Environment

**Operating  
Temperature**

59°–95°F (15°–35°C) ambient

**Humidity**

80% maximum, noncondensing

**Altitude**

7,000 ft.





# Troubleshooting

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## Apple Basic Color Monitor







## General

The Symptom Charts included in this chapter will help you diagnose specific symptoms related to your product. Because cures are listed on the charts in the order of most likely solution, try the first cure first. Verify whether or not the product continues to exhibit the symptom. If the symptom persists, try the next cure. (Note: If you have replaced a module, reinstall the original module before you proceed to the next cure.)

If you are not sure what the problem is, or if the Symptom Charts do not resolve the problem, refer to the Flowchart for the product family.

For additional assistance, contact Apple Technical Support.





## Symptom Charts

### No Raster

No raster, LED off

- 1 Ensure monitor's video cable is connected to the computer or the video card in the computer.
- 2 Replace monitor.

No raster, LED on

- 1 Ensure monitor's video cable is connected to the computer or the video card in the computer.
- 2 Replace monitor.





## Geometry

Raster too short, tall,  
narrow, or wide

Replace monitor.

Raster not centered

- 1 Verify that distortion is not due to environmental conditions. Move monitor away from fluorescent lights or other electrical equipment.
- 2 Adjust geometry controls.
- 3 Replace monitor.

Abnormal or  
distorted raster

- 1 Verify that distortion is not due to environmental conditions. Move monitor away from fluorescent lights or other electrical equipment.
- 2 Adjust brightness and contrast.
- 3 Replace monitor.





## Synchronization

Picture breaks into diagonal lines

Replace monitor.

Picture rolls horizontally or vertically

Replace monitor.

Single vertical or horizontal line appears on screen

Replace monitor.





## Video

Predominant color tint

Replace monitor.

Picture too dark or too bright

- 1 Adjust brightness and contrast controls.
- 2 Replace monitor.

Cannot adjust brightness or contrast

Replace monitor.

Out of focus

Replace monitor.





## Miscellaneous

Out of convergence

Replace monitor.

Picture jitters or  
flashes

- 1 Verify that distortion is not due to environmental conditions. Move monitor away from fluorescent lights or other electrical equipment.
- 2 Check all ground cable connections.
- 3 Replace monitor.

Black spots appear on  
screen (burnt  
phosphor)

Replace monitor.

