



# Tech Info Library

## AppleColor High-Resolution RGB Monitor: Specifications

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This article describes the specifications of the AppleColor High-Resolution RGB Monitor.

### Picture tube:

- 13-inch viewable diagonal
- .25mm aperture grill pitch Crinitron CRT

### Input signals:

- Red, green, and blue video signals using RS-343 standard.
- Composite sync., negative going TTL.

### User controls:

- Power switch (back panel)
- Degauss switch (back panel)
- Brightness, with detent reference (right side)
- Contrast (right side)
- V-twist misconvergence adjustment (back panel)
- H-stat misconvergence adjustment (back panel)

### Scanning frequencies:

- Horizontal: 35.000 kHz
- Vertical: 66.7 Hz

### Video:

- Bandwidth: +/-1.0 dB to 23 MHz
- Resolution: 640 horiz. pixels by 480 vert. lines
- Active display area: Adjusted at the factory to produce an active

video area of 235 mm horizontal by 176 mm vertical. The remainder of the screen is used for the dark border around the display.

Weight:

--34 lbs. including video cable and power cord.

Power requirements:

--Watts: 160 watts maximum  
--Input voltage: 85-270 Vrms, self-configuring  
--Frequency: 50-60 Hz

Environmental requirements:

--Ambient operating temperature: 10 to 35 deg C (50 to 95 deg F)  
--Operating humidity: 90% maximum, non-condensing  
--Operating altitude: 10.000 feet maximum

Fuse protection:

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

Warm-up time:

--20 minutes to meet all specifications

Input signal jack pin assignments:

DA-15 style connector

Pin	Function
1	Red video return
2	Red video
3	Composite TTL sync
4	Composite sync return
5	Green video
6	Green video return
7	(not used)
8	(not used)
9	Blue video
10	(not used)
11	(not used)
12	(not used)
13	Blue video return

14 (not used)

15 (not used)

Shell Shield ground

Apple Technical Communications

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