AudioVision 14 Display: Comparison w/ Other Apple Monitors 7/93

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TOPIC ---

How does the AudioVision 14 Display compare to the Apple Basic Color Monitor and/or the Macintosh Color Display?

DISCUSSION ---

The AudioVision 14 Display is the basic Macintosh Color Display that has been re-designed to include several key features for sound integration and ease of use. There are major differences between the Apple Basic Color Monitor, which is a VGA type monitor, and the AudioVision 14 Display. For more information on features, use "AudioVision and features and benefits" as your search string.

Here is a comparison of their operational specifications:

Refresh Rate

Apple AudioVision 14 Display - 66.7 hz
Macintosh Color Display - 66.7 hz
Apple Basic Color Monitor (VGA) - 60.0 hz (precisely 59.94 hz)

The AudioVision 14 Display's high refresh rate reduces flicker and eliminates eye strain that accompanies the 60hz rate of the typical VGA monitor.

CRT Flatness

The surface of the AudioVision 14 Display's CRT is considerably flatter than that of Apple Basic Color Monitor.

There is less visual distortion when working in front of a flat screen as opposed to one which has a slightly curved surface.

Dot Pitch

Apple AudioVision 14 Display - 0.26 mm
Macintosh Color Display - 0.26 mm
Apple Basic Color Monitor (VGA) - 0.29 to 0.39 mm

Dot pitch is a specification which describes the distance between CRT pixels. The smaller the dot pitch, the sharper the display. Dot pitches in the 0.29 to 0.39 mm range produce an increasingly grainier look as the dot pitch approaches 0.39 mm. Consequently, the AudioVision 14 Display has a much sharper and cleaner appearance than does the Apple Basic Color Monitor.

CRT Type

Apple AudioVision 14 Display - Sony Trinitron CRT
Macintosh Color Display - Sony Trinitron CRT
Apple Basic Color Monitor (VGA) - conventional CRT

The Sony Trinitron CRT offers the advantages of a brighter and sharper raster with better convergence.

Keywords: <None>

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