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Apple Monitors: Stripe Pitch vs Dot Pitch (5/94)

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TOPIC -----

I have noticed that many articles which describe monitors have ratings in "stripe pitch" or "dot pitch." I assume this is due to differences in the CRT technologies used, but isn't stripe pitch REALLY the same as dot pitch?

DISCUSSION -----

The terms stripe pitch and dot pitch are both associated with CRT pixels. In today's marketplace, a CRT pixel can take the physical form of a dot (conventional method) or a stripe (as in the case of Trinitron CRTs).

In its dot form, a single pixel is three dots consisting of one red, one green, and one blue phosphor dot and is usually positioned in a triangular fashion. In the case of a stripe pixel, you have three small phosphor stripes (R, G, and B) that are positioned vertically and are set side by side.

The term "pitch" refers to the distance between pixels. Therefore, the reference when referring to Trinitron CRTs is to list the stripe pitch and in conventional CRTs the term is dot pitch.

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