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AppleVision 1710AV: ADB Devices Can Cause Video Distortion 10/96

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Security: Everyone

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TOPIC -----

I have an AppleVision 1710AV Display connected to my Power Macintosh. I use my computer primarily for video conferencing. I have noticed that when I am in the highest resolution (1024x768), that the image is blurred slightly.

DISCUSSION -----

The AppleVision 1710AV Display uses the Apple Desktop Bus (ADB) signals to synchronize video scan rates, when scan rates are changed and at startup.

When other peripheral devices use power from the ADB line, this may cause the video image to become slightly blurred when in the highest resolution (1024x768), however less dense formats display properly.

If you remove the devices using power from the ADB line, the image should return to normal. In order to use the ADB devices, you should use an alternate power source, or a different system configuration selected to avoid the loss of sharpness at high pixel density formats.

Other Apple Multiple Scan Displays do not use ADB in this way, and are unaffected by added ADB peripherals.

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