Power Macintosh: No Video With AV Video Card (12/94)

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TOPIC --

This article describes a problem with Power Macintosh AV configurations and the
loss of video sync with monitors attached to the DB-15 port of the AV video
card.

DISCUSSION ---

You may encounter the following symptoms when using a Power Macintosh AV system
with a monitor attached to the DB-15 RGB port of the AV video card:

- No video or blank screen
- Wavy glittering lines with no video image
- Machine crashes and has no video on next reboot (restart)
- Machine loses video after a restart. If the machine is shutdown and
  restarted, the video image returns.

This problem can affect all Power Macintosh AV configurations with any type or
size monitor attached to the AV video port.

This problem may occur because occasionally the video driver of a Power
Macintosh AV can send out incorrect sync pulses to monitors that employ separate
sync lines for the horizontal and vertical sync signals. Incorrect sync pulses
may disable the monitor sweep circuits and the video signal fails to function.

To avoid this problem, install at least one of the following software fixes
installed:

- PowerMac AV Update (in the extensions folder)
- PowerPC Enabler v1.01 or later (available in System Update 3.0)

These software fixes are incorporated in System 7.5. The presence of both files
does not cause any problems in use of the Macintosh.

To install the enabler, you have to reestablish video. To do this, try zapping
the parameter RAM (PRAM) or connect a monitor to DRAM-based video using an
HDI-45 to DB15 adapter cable. The DRAM-based video port can support monitors up
to 17-inches.

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14 Dec 1994 - Added keyword and 7.5 reference; made minor technical updates.

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