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QuickTime Conferencing Camera: Which Cables Do I Use? (2/97)

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TOPIC -----

I am using a QuickTime Conferencing Camera 100 with my Power Macintosh 8500. I have them connected via the S-Video to RCA and DC Power combination cable that came with the camera. I am getting an image but it only appears in black and white. This happens regardless of color depth or resolution chosen in the Monitors control panel.

Which of the three cables that came with my QuickTime Conferencing Camera am I supposed to use?

DISCUSSION -----

There are three cables shipping with the QuickTime Conferencing Camera 100:

- A) 1 Combination cable, S-Video to DC Power and RCA jack
- B) RCA to RCA
- C) S-Video to DC Power

You must use the appropriate cable for your computer in order for QuickTime Conferencing to work correctly.

The output from the QuickTime Conferencing Camera 100 is an NTSC composite signal, not an S-Video component signal. With the exception of the Power Macintosh 7500 and 8500, AV equipped Power Macintosh computers will accept a composite video signal through the S-Video port. The S-Video port also provides 12-volt power to the QuickTime Conferencing Camera. For Power Macintosh AV computers other than the Power Macintosh 7500 and 8500, use cable A to connect the S-Video connector to the computer's S-Video port and the RCA and DC Power pigtail on the other end of the cable to the QuickTime Conferencing Camera.

The Power Macintosh 7500 and 8500 computers cannot receive a composite video signal in their S-Video connectors. Because of this, you need to connect cable B from the RCA jack on the QuickTime Conferencing camera to the RCA jack on the back of the Power Macintosh 7500 or 8500. If you use the S-Video port to deliver the video to the computer, you will see a black and white image. You also need to use cable C to deliver power from the S-Video port on the Power Macintosh

7500 or 8500 to the QuickTime Conferencing camera.

If you have a Macintosh Quadra or Centris 840AV or 660AV, there is no S-Video port to supply power to the camera. In addition to using cable B for video, you will need to purchase a 12-volt, 1.9 Watt AC adaptor. The specifications for the camera can be found in the camera manual so you can purchase the appropriate power supply. The standard 12 volt or "variable voltage" adaptor from Radio Shack will work.

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Summary Table

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Computer	Cable	Video Signal	Camera Power
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Quadra/Centris 660AV/840AV	B	From Cable B	Separate Power Adaptor
Power Macintosh 6100AV	A	From Cable A	From Cable A
Power Macintosh 7100AV	A	From Cable A	From Cable A
Power Macintosh 8100AV	A	From Cable A	From Cable A
Power Macintosh 7500/7600	B & C	From Cable B	From Cable C
Power Macintosh 8500/8600	B & C	From Cable B	From Cable C
Power Macintosh 5400/5500**	B & C	From Cable B	From Cable C
Power Macintosh 6400/6500**	B & C	From Cable B	From Cable C

**Requires the Video-In Card, which is an optional card (that is, it does not come with these computers - it has to be added).

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Article Change History:

03 Mar 1997 - Added new computers.

26 Jun 1996 - Corrected 660AV & 840AV power adaptor information.

19 Oct 1995 - Added table for clarification, revised title.

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