QuickTime Conferencing: ISDN H.320 Card Installation (6/96)

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TOPIC ---

This article contains instructions for installing the QuickTime Conferencing
(QTC) ISDN Kit into your Macintosh computer. The QTC ISDN kit can be installed
into a Macintosh 7100/66AV, 7100/80AV, 8100/80AV, 8100/100AV, or other 71XX or
81XX computers that have an Apple AV card installed. You need at least 16 MB of
physical RAM and need to be running System 7.5 or later version of the Mac OS.
Additionally, you will need the QuickTime Conferencing software, (either came
with your QuickTime Conferencing 100 Camera or can be purchased on-line at
http://quicktime.apple.com) an NT-1, (NOT INCLUDED IN YOUR ISDN KIT) and an ISDN
line with a S-interface.

NOTE:
These steps are for the NuBus ISDN Kit only, NO PCI solution currently. The ISDN
H.320 card is not compatible with the Macintosh Quadra 840AV computer.

DISCUSSION --

Instructions for Card Installation
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Step 1

Power off your Macintosh computer.

Step 2

Disconnect all cables going to the computer.

Step 3

Remove the case of your Macintosh computer so you have access to the NuBus
slots.

Step 4

Ground yourself with an anti-static wrist strap, or touch the exposed metal of
the power supply.

Step 5

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Remove any NuBus card supports.


Step 6
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Remove one of the NuBus slot covers.


Step 7
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Install the H.320 card into the NuBus slot where you removed the slot cover.


Step 8
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Make sure the card is firmly seated in the NuBus slot.


Step 9
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Install any Nubus supports that were previously removed


Step 10
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Connect the ribbon cable on the H.320 card to the DAC connector on the AV card.
The DAV cable will then plug into the DAV connector on the logic board.


Step 11
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Replace the computer case.


Step 12
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Reconnect all cables going to the computer.


Step 13
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Power on the computer.



Connecting Your Computer to the NT-1 and Wall Jack
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Step 1
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Get your NT-1 (NOT included in the Apple QTC ISDN kit) out and verify that it
came with a power adaptor and either an RJ-11 or RJ-45 cable.


Step 2
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Plug the power adaptor into the wall, then plug the other end into the NT-1.


Step 3
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Take the cable that came with the NT-1 and plug one end into your ISDN wall
jack, and then plug the other end into the 'U Loop Back' jack on the NT-1.
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Step 4

Take the cable that came with your QTC ISDN Kit and plug one end into the S/T&U
jack on the NT-1 and plug the other end into the RJ-45 jack on the H.320 card
you installed in your computer.

Step 5

Disregard the state of the NT-1 lights until you have fully installed all
applicable software, restarted the computer, and actually set up the software

Instructions for Camera Installation
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If you have the Apple QuickTime Conferencing 100 camera, and a Power Macintosh
AV, use the hydra cable (S-video on one end, Composite [RCA] and 12 Volt power
on the other end) that came with the camera.

How to Connect the Video Cable

Step 1

Connect the S-video end to the VIDEO-IN port on the AV card (the IN port is the
one furthest away from the NuBus connector).

Step 2

Take the other end of the cable and connect the composite end to the RCA jack on
the back of the camera.

Step 3

Plug the power end to the power jack on the back of the camera.

Step D

Open the camera shutter (slide knob on side) to expose the lens. A green light
indicates you have power.

Other Video Cameras

You can use another camera as long as you can plug the camera into the S-video
port of a Power Macintosh AV computer.

You cannot use a camera, such as Connectix's QuickCam, which uses the serial
port.

Handset Installation

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Your QTC ISDN Kit comes with a telephone handset.  This handset is useful to use
when you either need to have a more private conversation, or when ambient
background noise is at a level that interferes with your conference. To connect
the handset, simply plug the cable into the RJ-11 port on the RJ-11 jack on the
H.320 card.



Software Installation
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Step 1
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Install the Network Software Installer (NSI) 1.5 or later

Step 2
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Install QuickTime Conferencing (QTC) Software 1.0.2 or later

Step 3
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Install the H.320/ISDN software 1.0.5 or later

Step 4
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Restart your Macintosh computer


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