Apple Service - Troubleshoot and Repair

Tech Info Library

TITLE

iMac: Sharing Files Via IrDA

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TOPIC

How do I set up my iMac to communicate via infrared to another Macintosh computer?

DISCUSSION

First verify your computer supports IrDA by reviewing Article 20928: **"Macintosh Infrared: Is It IrDA Compatible?".**

If your computer is equipped with infrared technology that uses the IrDA protocol, you can establish a wireless TCP/IP or AppleTalk connection to a network using an IrDA network access device, or exchange files with another IrDA equipped computer.

Depending on the type of network protocol that you are going to use, choose Infrared Port (IrDA) from the "Connect via" pop-up menu in either the AppleTalk control panel or TCP/IP control panel.

AppleTalk Setup

In the AppleTalk control panel, select the Connect via option "Infrared Port (IrDA)." Close the window and save changes. **TCP/IP Setup**

Open the TCP/IP control panel.

Create an infrared configuration by selecting the Configurations option under the File menu, or press Command-K. Create a new set by selecting an existing set, duplicating it, and renaming it Infrared. Click Make Active. This step will make it easier to switch between IR, Ethernet, or other configurations later.

Select Connect via option "Infrared Port (IrDA)."

Enter an IP address and a default Subnet mask value as described in Article 30821: **"TCP/IP: Setting up a Private Network"**. If you are switching the connection from an existing Ethernet network you can use the previous network values.

Example:

Computer 1:

- IP addr10.0.0.1

- subnet mask 255.0.0.0

Computer 2:

- IP addr10.0.0.2

- subnet mask 255.0.0.0

Close the window and save changes.

Establishing an IrDA Connection

To establish an IrDA connection, position your computer within three feet of the other computer or infrared network access device. IrDA devices that are in range will appear in the Infrared control panel.

Verify File Sharing is turned on and the appropriate volume is being shared. Review the setup in the Mac OS Help under "Sharing files with others on the network." You may now open your Chooser, select AppleShare and select the file server you wish to connect to.

Troubleshooting

If you are unable to enable IrDA, verify the following extensions and control panels are active by viewing them in the Extensions Manager control panel. If they are inactive, make them active and restart your computer. If they are missing, you will need to reinstall those components from your original system software CD.

Extensions:

IrDALib Extension

InLanScanner/PPC Extension

Control panels:

Infrared Control Panel

If the Infrared Port (IrDA) choice is not available

For PowerBook computers, make sure that IrDA is selected in the Options section of the Infrared control panel. The iMac will not have this choice, it will display Infrared built-in.

EXTENDED Information - Apple Internal Use - Service Providers and Support Professional

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Document Information
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