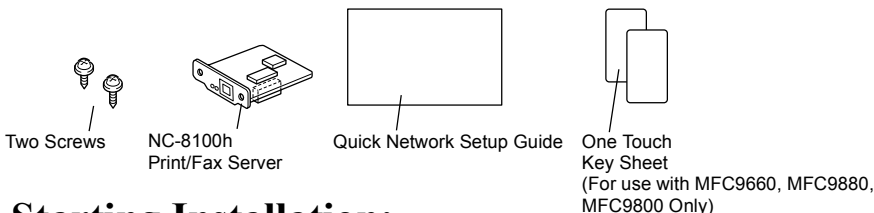# Quick Network Setup Guide

> **Caution:** **DO NOT** touch the surface of the main boards within 15 minutes after turning off the power.

For more details about how to optimize the Network board, please refer to the Network User's Guide on the CD-ROM supplied with the MFC.



Two Screws    NC-8100h      Quick Network Setup Guide    One Touch
               Print/Fax Server                                            Key Sheet
                                                                    (For use with MFC9660, MFC9880,
                                                                    MFC9800 Only)

# Before Starting Installation:

Be careful when handling the NC-8100h. There are many delicate electronic components that are susceptible to damage from static electricity. To avoid such damage, use the following precautions when handling the board:
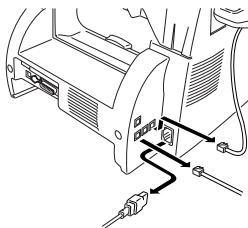
- Leave the NC-8100h in its anti-static bag until you are ready to install it.
- Make sure that you are adequately grounded before touching the NC-8100h. Use an anti-static wrist strap and a grounding mat if possible. If you do not have an anti-static wrist strap, touch the bare metal surface on the back of the machine before handling the NC-8100h.
- Avoid moving around the work area in order to eliminate static charge build-up.
- If possible, do not work on a carpeted area.
- Do not flex the board and do not touch the components on the card.
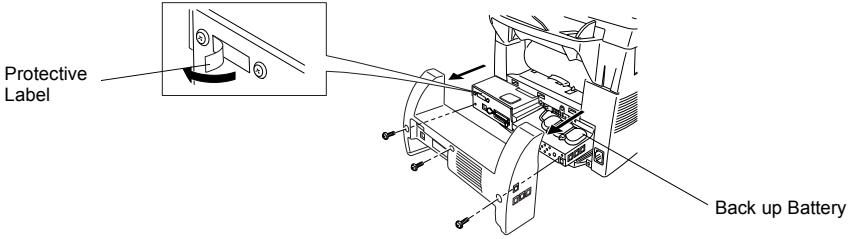
### Tools Required:

Phillips Screwdriver ⊕

# Step 1: Hardware Installation

1. Unplug the power cord from the AC Outlet.
2. Disconnect any interface cables that are connected to the rear of the machine. (Ex. Parallel Interface Cable).
3. Unplug the handset cable (if applicable) and phone lines from the side of the machine.
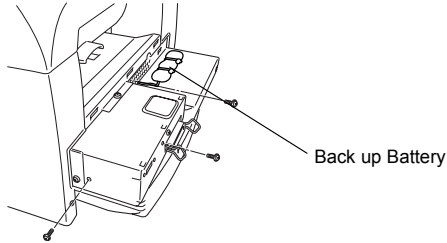


> **Caution:** Make sure the power cable is unplugged before installing or removing the NC-8100h Board.
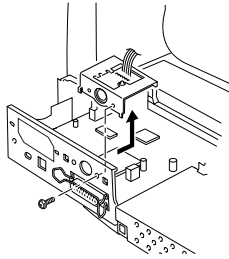
4. Remove the screws securing the rear cover and remove the cover.

Protective
Label

Back up Battery

5. Peel off the protective label from the chassis as illustrated in the detailed blowup.
6. Remove the screws securing the access plate and remove the plate.
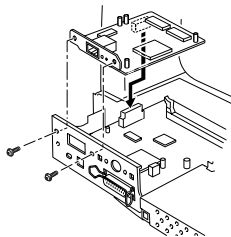
Back up Battery
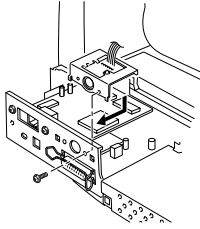
7. Remove the screw securing the small plate.

8. Hold the NC-8100h with the connector on the bottom of the board facing down. Plug the NC-8100h into connector P1 located on the main board and reinstall the two screws into the NC-8100h support bracket.

**Caution:** Always hold the NC-8100h by the edge. Do not touch the surface of the network or main boards.
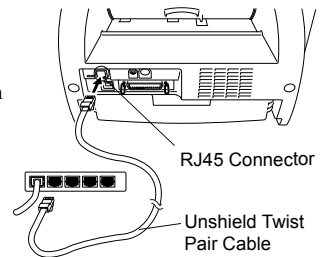
9.   Reinstall the small board.



10.   Reinstall the access plate and rear cover.
11.   Reconnect the handset cable (if applicable) and phone lines at the side of the machine.
12.   Reconnect any additional interface cables that you removed in Step2.
13.   Proceed to "Connecting the NC-8100h to an Unshielded Twisted Pair 10Base-T or 100Base-TX Ethernet Network".

# Step 2:  Connecting the NC-8100h to an Unshielded Twisted Pair 10Base-T or 100Base-TX Ethernet Network

To connect the NC-8100h to a 10Base-T or 100Base-TX Network, you must have an Unshielded Twist Pair Cable. One side of the cable must be connected to a free port on your Ethernet hub and the other side must be connected to the 10Base-T or 100Base-TX connector (an RJ45 Connector) of the NC-8100h



RJ45 Connector

Unshield Twist
Pair Cable

### Verifying Successful hardware Installation:

Plug in the AC power cord. After initialization and warm-up (this may take several seconds), the machine will come to a Ready state.

# Step 3:  Installing the BRAdmin Professional: Configuration Utility
(For Windows® 9x, NT® 4.0 and Windows® 2000 users only)

> ✎   **Note**
> **If you have another operating system, refer to the NC-8100h User's Guide located on the CD-ROM with your MFC.**

1.   Insert the CD-ROM into your CD-ROM Drive.
2.   The installation screen will automatically load.
3.   If possible, select the model number and language that you use.
4.   Select Install Software.
5.   From the "Network Application for Optional NC-8100h" menu, select Install Software.
6.   From the "For Administrators" menu select BRAdmin Professional.

## How to refer to the User's Guide

The NC-8100h User's Guide can be viewed from the CD-ROM supplied with your MFC in PDF.
1. Insert the CD-ROM into your CD-ROM Drive.
2. The installation screen will automatically load.
3. If possible, select the model name that you use.
4. Select On-Line Documentation/Manuals.
5. Select the optional NC-8100h User Guide.

## Troubleshooting

1. Make sure that your MFC is powered on and is On Line and in Ready mode.
2. Press the Test button. Then the current settings of the NC-8100h are printed.
3. Verify that the cabling and Network connections are good. If possible, try connecting the machine to a different port on your hub using a different cable.
4. Check to see if there is any LED activity. The NC-8100h has a three color LED for diagnosing problems.

### LED

• Orange LED: This LED will flash Orange when connected to a 100Base-TX Network and is receiving data.
• Green LED: This LED will flash Green when connected to a 10Base-TX Network and is receiving data.
• No light: This LED will be off when there is no connection to the network and no data is being received.

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✎  **Note**

**If there is a valid connection to the network, the LED will blink orange or green.**

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### TEST SWITCH

• Short push : Prints a network printer configuration page.
• Long push (more than 5 seconds) : Resets the network configuration back to factory default settings.