

AirStation **WLAR-L11-L**

Internet Connection Manual

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Windows Me/98/95

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This manual explains the procedure for connecting to the Internet from a personal computer using a CATV network. Read this manual before using the AirStation to be sure of correct usage.

Using this Manual

This section explains the symbols used in this manual.

■ Symbols

Caution

 **Caution** Items to which you must pay attention when handling the product. Failure to follow this mark may result in personal injury and/or damage the equipment.

Note

 **Note** Supplementary information you should know for handling the product.

Reference

 **Reference** Refers to the related subject page.

Next

 **Next** Advises to which page to be followed.

Column



Explanation of convenient facts you should know.

■ Glossary and Diacritical Marks Within the Text

- Text in bold indicates the name of menu options, buttons, text boxes, check boxes, software, and dialog boxes, etc., that you can select to perform operations.
- The WLAR-L11-L is referred to as the AirStation through this manual.
- The personal computer to be used with the Buffalo wireless LAN card is called the wireless LAN PC.
- The personal computer to be used to change the AirStation settings is referred to as the Setting PC.

Precautions for Using the AirStation

Be sure to read this manual before using the product because this product is highly refined. TECHWORKS INC./ Buffalo Technology. is not responsible for accidents or damages to the personal computer as well as AirStation, due to misuse. Misuse of our product will void the guarantee automatically that came with the purchase.

- All rights for this manual are owned by MELCO INC. No part of this manual may be transmitted, reproduced, or revised without permission from MELCO INC.
- Product name of other companies used in this manual are trademarks or registered trademarks of the respective companies. Trademark symbols (™, ®, ©, etc.) are not indicated in this manual.
- Specifications, design, and other descriptions in this manual are subject to change without notice.
- This manual is carefully prepared, however, feel free to contact your nearest sales representative if you have any questions or problems.

In addition, note that MELCO INC. shall not be liable for any expenses incurred due to damage or loss arising from the use of the WLAR-L11-L, although MELCO INC. has been advised of the possibility of such damage.

For your safety, be sure to follow the instructions given below.

Follow the instructions below to avoid harming yourself, other people and property, and to ensure safe use of the product. Be sure to read and understand the instructions thoroughly before using the product. This manual contains instructions concerning general operation of the computer to which the product is connected in addition to those concerning the product itself.

Please take note that our warranty will not cover any failures and problems of the computer, any losses and failures of data, or failures and problems of the product caused by misuse.

■ Signs and symbols used in this manual

Warning signs:

 WARNING	The instructions with this sign indicate prohibited actions. Failure to follow the instructions shown with this sign may result in death or serious injury to the user.
 CAUTION	Failure to follow the instructions shown with this sign may result in injury to the user or property damage.

Symbols:

	This indicates warnings and cautions. A symbol indicating the meaning is accompanied with it. (Ex.  Exercise care to avoid an electric shock.)
	This indicates prohibition actions. A symbol indicating the meaning is accompanied with it. (Ex.  Do not disassemble.)
	This indicates what must be done. A symbol indicating the meaning is accompanied with it. (Ex.  Disconnect the plug from the outlet.)

WARNING



Do not attempt to disassemble or repair the AirStation.

This may result in fire or electric shock.

Disassembly prohibited



Install this product in a location where children cannot reach the interior of the electrical equipment, cables, or connectors.

Failure to do so may result in injury.

Strongly recommended



If you see smoke or there is a strange smell or sound, remove the plug from the AC power supply socket.

Continuing to use the device under these conditions may result in a short circuit, fire, or electric shock.

Consult your dealer immediately.

Remove the power supply plug



Remove the power supply plug

If the product is dropped or subjected to severe shock, remove the AC adapter immediately.

Continuing to use the device under these conditions may result in a short circuit, fire, or electric shock. Consult your dealer immediately.



Remove the power supply plug

If liquid or foreign matter enters the equipment, remove the plug from the AC power supply socket.

Continuing to use the device under these conditions may result in a short circuit, fire, or electric shock. Consult your dealer immediately.



Prohibited

Do not damage, process, overheat, or attempt to repair the power supply cable, as this may result in fire or electric shock.

- When installing this product, do not crimp the power supply cable between walls, racks (shelves), or similar.
- Do not place heavy objects on the power supply cable, or pull the cable.
- Do not place the power supply cable close to heat sources, or overheat the cable.
- When removing the power supply cable, be sure to remove it by holding the plug.
- Do not bend or fold the terminals.
- Do not move this product with the power supply cable still connected.
- If the power supply cable is damaged, consult your dealer.



Strongly recommended

Insert the AC adapter firmly into the AC socket.

Using this product without the AC adapter firmly inserted may cause a short circuit or overheating, or result in fire or electric shock.



Strongly recommended

Be sure to use the AC adapter provided.

Using other AC adapters may cause fumes or fire due to incompatible voltage or terminal polarity.



Prohibited

Using the device with a different voltage, such as may exist overseas, may result in a short circuit, smoke, or fire.

Insert the plug only into a 120-VAC(US)/100-240(EU) AC socket.



Use in watery conditions prohibited

Do not use the AirStation in bathrooms or other locations with high water content or humidity.

Using the device under these conditions may result in fire or electric shock.

CAUTION



Prohibited

Do not handle the equipment with wet hands while the power supply cable is connected to the AC socket.

This may result in electric shock.



Strongly recommended

To prevent damage due to static electricity, before touching the equipment, first touch a nearby metal object (such as a door handle or metal window blinds) to discharge any static electricity from your body.

Static electricity from your body may result in damage to the equipment.



Prohibited

Do not install this product in the following locations. Doing so may result in electric shock or fire, or may adversely affect this product.

- Locations with strong magnetic fields or static electricity (may result in failure)
- Locations prone to vibration (may result in injury or damage)
- Locations that are not level (may result in injury or damage)
- Locations in direct sunlight (may result in failure or deformation)
- Locations close to fire, or subject to heating (may result in failure or deformation)
- Locations where there is a danger of current or water leakage (may result in failure or electric shock)
- Locations with excessive dust (may result in failure)



Prohibited

Do not use other AC adapter except the AC adapter attached this product.

Using other AC adapter may cause fumes or fire.

If AC adapter doesn't work properly, consult your dealer immediately.



Prohibited

Do not use other AC Power Code except the AC Power Code attached this product.

Using other AC power code may cause fumes or fire.

If AC Power Code doesn't work properly, consult your dealer immediately.



Prohibited

Do not exchange the Lithium Battery in the AirStation except Service Man.

Exchanging the Lithium Battery may be danger of explosion.

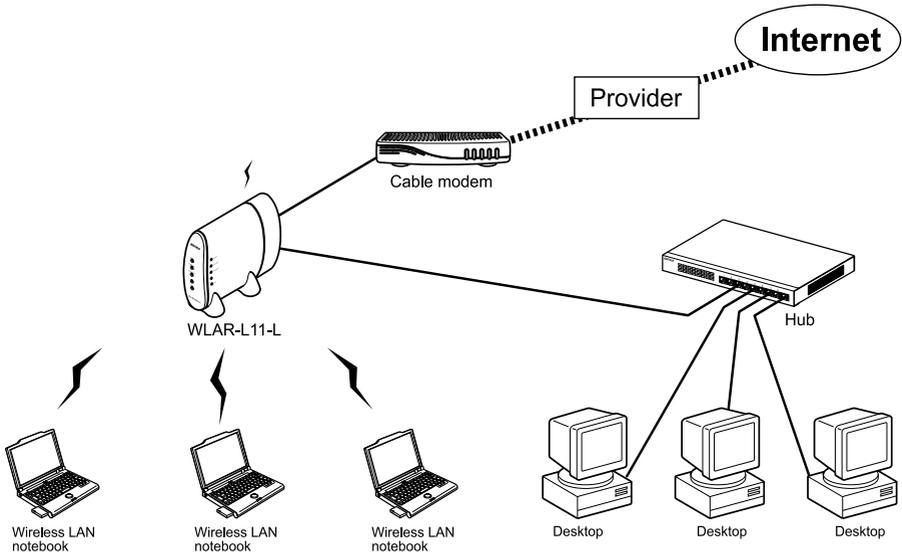
If you want to exchange the Lithium Buttery, consult your dealer immediately.

Getting Started

This manual explains the procedure for connecting to the Internet from the personal computer using the CATV network.

Current network environment: Network has been configured.
Configured network: Wireless LAN and Ethernet LAN exist.

Configuration Diagram



Note: You can communicate from the Wireless LAN to the Wired LAN but you cannot communicate from the Wired LAN to the Wireless LAN with the configuration above.

Note: Before installing the AirStation, contract with your CATV internet provider to review your contract.
Note: Depending on the contract with your provider, you are not allowed to connect multi personal computer or multi AirStation.

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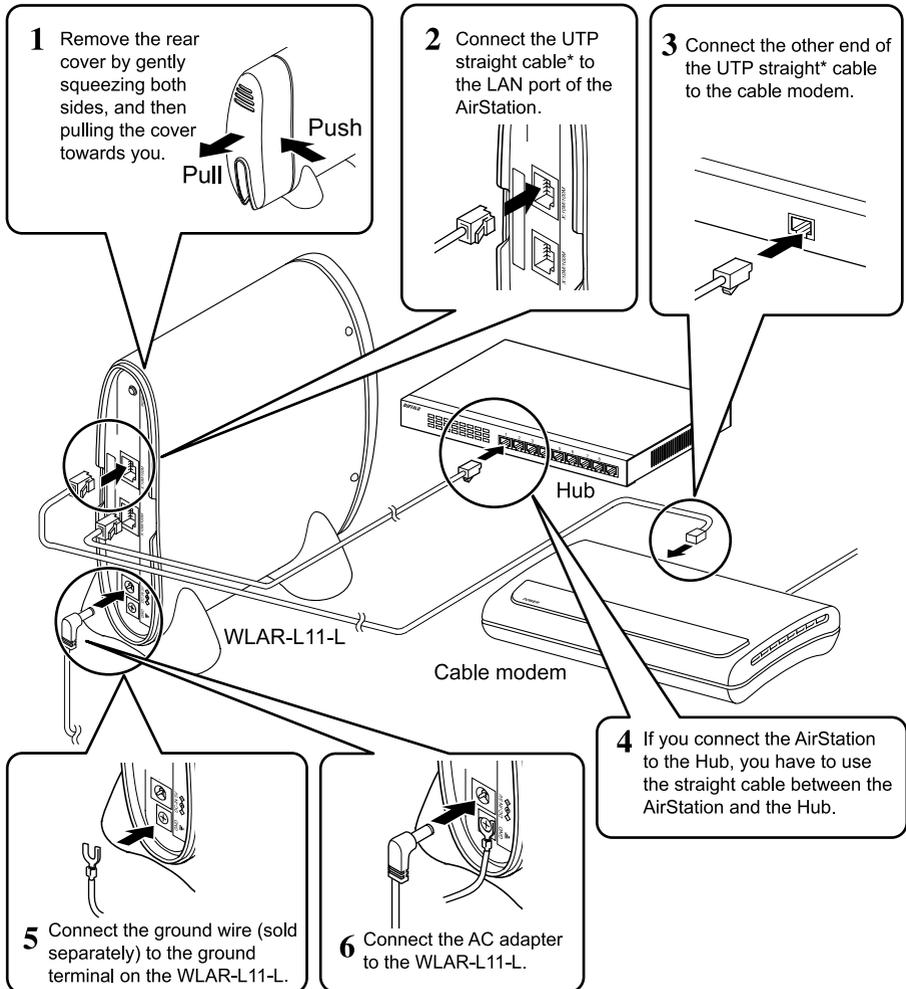
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1

Installation

This section explains how to install the product.

Installation



* For some cable modem, you have to use the UTP reverse cable. If you connect the personal computer to cable modem using the UTP reverse cable, you have to use the reverse cable between the AirStation and cable modem.

⚠ Caution Be sure to use the supplied power supply.

➡ Next Continue to the “*Preparing the AirStation Settings*” section.

Connection Restrictions

The following restrictions apply to the cable type and length.

10BASE-T network

Connection		UTP cable used	Max. length
Switch to other switches or hubs	Using the cascade port	Category 3 or better UTP straight cable	100 m
	Using a 100BASE TX/10BASE-T port	Category 3 or better UTP crossover cable*	100 m
Switch to 10BASE-T node (PC, etc.)		Category 3 or better UTP straight cable	100 m
This product to 10BASE-TX MAU		Category 3 or better UTP straight cable	100 m

100BASE-TX network

Connection		UTP cable used	Max. length
Switch to other switches or hubs	Using the cascade port	Category 5 or better UTP straight cable	100 m
	Using a 100BASE TX/10BASE-T port	Category 5 or better UTP crossover cable*	100 m
Switch to 100BASE-TX node (PC, etc.)		Category 5 or better UTP straight cable	100 m
Switch to 100BASE-TX MAU		Category 5 or better UTP straight cable	100 m

* Use a straight cable when connecting the switch's cascade port to the cascade port of another switch or hub (refer to the other switch or hub's manual to check the cascade port).

The following restrictions apply when using a repeater hub or dual speed hub in a network. Failure to observe these may result in network connection failure.

- **Number of levels for cascade connection**

100BASE-TX --- Up to two levels

10BASE-T ----- Up to four levels

- **Cable length between this product and node (PC, etc.) for cascade connection**

100BASE-TX --- 205 m or less

10BASE-T ----- 500 m or less

Note

Use a switch to add a hub or extend the distance regardless of the above restrictions. e.g. When four 10BASE-T repeater hubs are stacked in a cascade configuration, using a switch allows you to connect another four hubs.

2

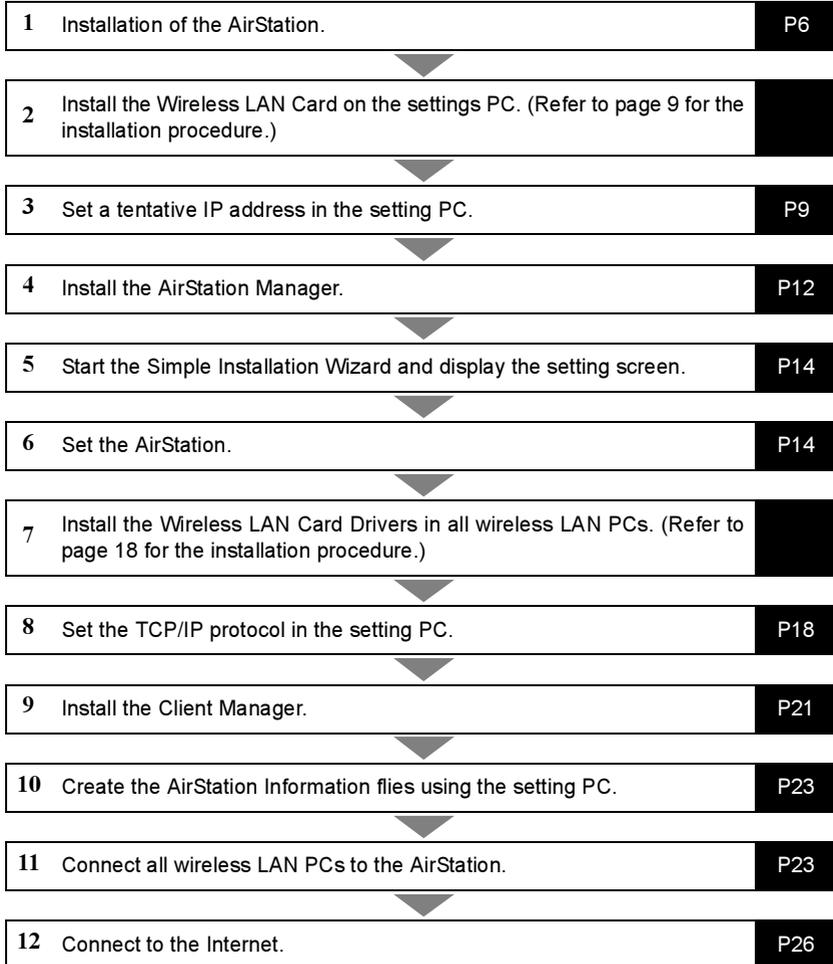
Preparing the AirStation Settings

Set the wireless LAN PC first before the AirStation.

This section provides procedure for Windows 98/95. For Windows 2000/NT4.0, refer to Chapter 6 and onward.

Work Flow

This section explains the procedure for connecting to the Internet from a PC using a CATV network.



Install the following into the setting PC for setting the AirStation.

- LAN Board Driver..... Refer to the following "Installation of LAN Board (to the setting PC)."
- AirStation Manager..... Refer to the "Installing the AirStation Manager" section (page 12).
- TCP/IP Protocol..... "The TCP/IP Protocol Settings (for setting PC)" section (page 9)
- Web Browser (Internet Explorer 4.0 or later, or Netscape Navigator 3.0 or later)..... Refer to the relevant Web browser manual. Microsoft Internet Explorer is installed as standard on Windows Me/98.

Installation of the LAN Board (for setting PC)

Refer to the LAN board manual for the installation.

Note **When using the WLI-ISA-OP or WLI-PCI-OP**

Before installing the Wireless LAN Card (WLI-PCM-L11 etc.), install the WLI-ISA-OP or WLI-PCI-OP (hereinafter called the Adapter) and the bus adapter driver. Refer to the attached Bus Adapter Manual for the installation procedure. When using the WLI-PCI-OP Adapter, a WLI-PCI Driver Disk is required.

The TCP/IP Protocol Settings (for setting PC)

Set a tentative IP address for the AirStation setting.
Set the IP address according to the following procedure.

The TCP/IP Protocol Setting(Windows Me/98/95)

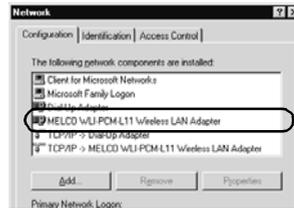
The TCP/IP protocol is set as follows.

- 1 Start your PC.
- 2 Click the **Start** button, and then select **Settings**, and **Control Panel**.
- 3 Double-click the **Network** icon.
- 4 In the Network dialog box, verify that the TCP/IP is displayed in "The following network components are installed" field.

Only 1 LAN board installed



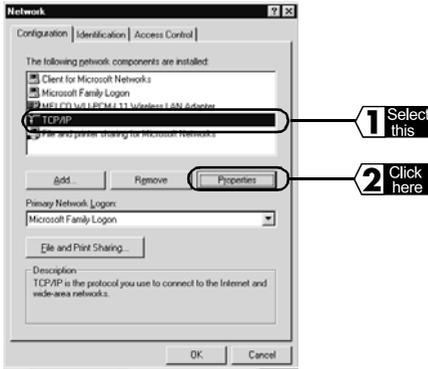
The dial-up adapter and the LAN boards are installed.



TCP/IP (LAN board driver name) is normally displayed in "The following network components are installed:" field.

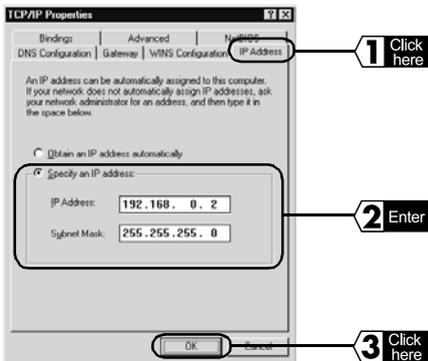
Note If TCP/IP is not displayed, refer to the "Adding the TCP/IP Protocol (Windows Me/98/95)" section (page 11) and add the Internet protocol (TCP/IP).

5



Select **TCP/IP** and click the **Properties** button.

6



Click the **IP Address** tab. Then select the **Specify an IP Address** and enter the following values.
IP address: 192.168.0.2
Subnet mask: 255.255.255.0

Click the **OK** button.

Note If the LAN network has already been configured using the TCP/IP protocol, input the IP address of the same network address.

Note Check if the LAN network has already been configured using the TCP/IP protocol according to the following procedure.

- 1) Click the **Start** button, and then select **Run...**
- 2) Enter "WINIPCFG" in the name field, and then click the **OK** button.
- 3) Change the adapter name to the LAN board name to be used.
- 4) If either one of the following is displayed in the IP Address field, no LAN network has been configured using the TCP/IP protocol.
"0.0.0.0"
"169.254.x.x."

7

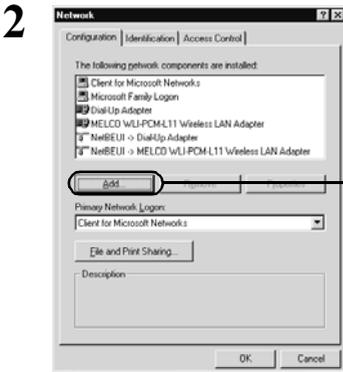
Restart Windows Me/98/95.
The TCP/IP protocol is set to the settings PC.

Next Refer to the *AirStation Settings* section.

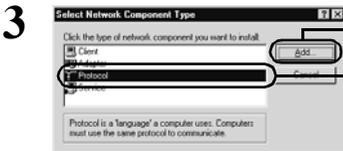
■ Adding the TCP/IP Protocol (Windows Me/98/95)

If the TCP/IP Protocol is not present in the setting PC, add the protocol using the following procedure.

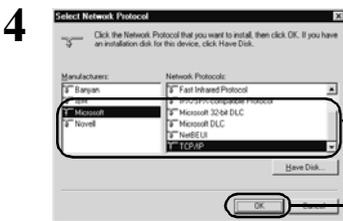
1 Click the **Start** button, and select **Settings, Control Panel**, and then **Network**.



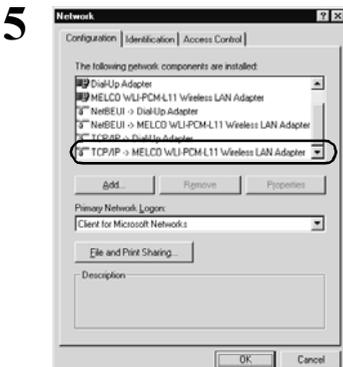
Click the **Add** button.



Select **Protocol**, and click the **Add** button.



In the **Manufacturers** field, select **Microsoft**, and in the **Network Protocols** field, select **TCP/IP** and click the **OK** button.



The TCP/IP protocol is added.

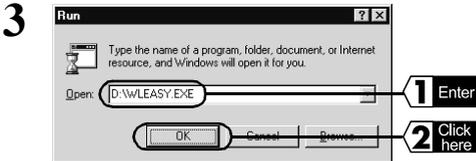
This completes the TCP/IP protocol installation.

➤ **Next** Continue to the *"TCP/IP Protocol Setting" (Windows Me/98/95)* section procedure Step 5.

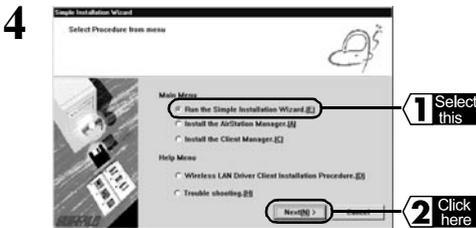
Installing the AirStation Manager (for setting PC)

Install the AirStation Manager in the setting PC using the following procedure.

- 1 Insert the AirStation Series Driver CD in the CD-ROM drive.
- 2 Click the **Start** button, and select **Run...**



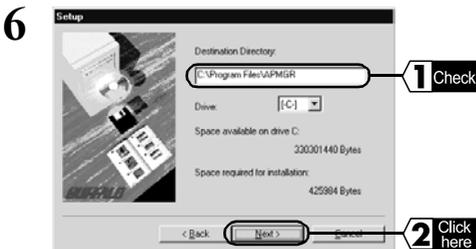
Enter D:\WLEASY.EXE (where D is the CD-ROM drive), and click the **OK** button.



Select **Install the AirStation Manager**, and click the **Next** button.



Click the **Next** button.



Select the directory in which you want to install the AirStation Manager, and click the **Next** button.

Note To change the default installation directory, enter a new directory and then click the **Next** button.

7



Check the installation directory displayed and click the **Start** button.
Windows will copy the file to the directory.

8



Click the **OK** button.
Installation of the AirStation Manager is completed.

Next Proceed to Chapter 3 AirStation Settings(page 14).

Note To uninstall the AirStation Manager, click the **Start** button and select **Programs, MELCO AirStation, and Uninstall AirStation Manager**. Then follow the instructions on the screen.

2

3

AirStation Settings

Set the AirStation using the setting PC. The PC preparation should follow the procedure in Chapter 2 Preparing AirStation Settings.

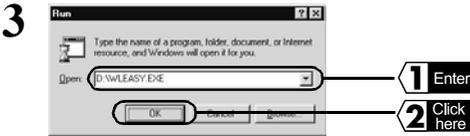
Note

- Make sure a Web browser is installed before the AirStation setting. For the browser installation, refer to the manual supplied with the Web browser. (Microsoft Internet Explorer is installed as standard on Windows Me and Windows 98.)
- In the AirStation setting using a wireless LAN PC, be sure to use the PC with MELCO's Wireless LAN Card installed.

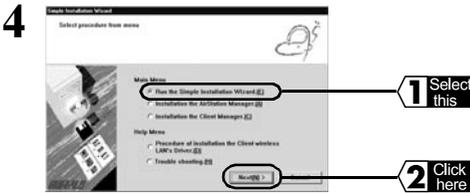
Setting Procedure (Setting PC)

The AirStation is set from PC using the following procedure.

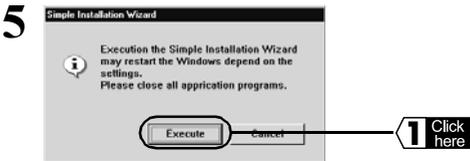
- 1 Insert the AirStation Series Driver CD in the CD-ROM drive.
- 2 Click the **Start** button, and select **Run...**



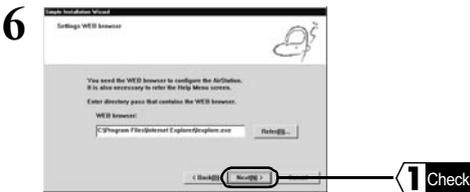
Enter D:\WLEASY.EXE (where D is the CD-ROM drive), and click the **OK** button.



Select **Simple Installation Wizard**, and click the **Next** button.

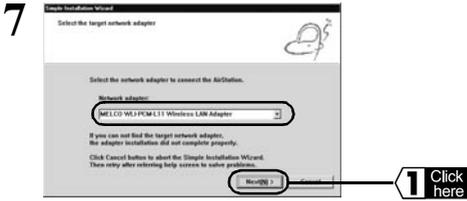


Make sure all other applications are closed, then click the **Execute** button.



Click the **Next** button.

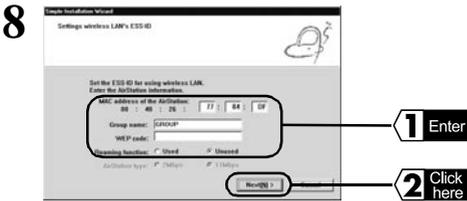
Note If the WEB browser field is empty, the Web browser may not be installed. Check if the Web browser is correctly installed. If the Web browser is installed, enter the path name for the Web browser from the WEB browser field.



In the Network adapter: field, enter the name of the wireless LAN card to be used, and then click the **Next** button.

Note

- If *Network Adapter Is Not Installed* is displayed, the drivers for the wireless LAN card have not been installed. Refer to the wireless LAN board manual and install the driver.
- If *Network Adapter Settings Error* is displayed, the TCP/IP is not set correctly. Refer to the "The TCP/IP Protocol Settings (for setting PC)" section (page 9) in Chapter 2 the Preparing AirStation Settings (Setting PC), and correct the TCP/IP setting.



For the following settings, click the **Next** button.

AirStation MAC address:

Enter the MAC address registered for the AirStation.

Note The MAC address is a 12-digit value. The first six digits are fixed to "004026." Therefore, enter the last six digits.

Group name: GROUP

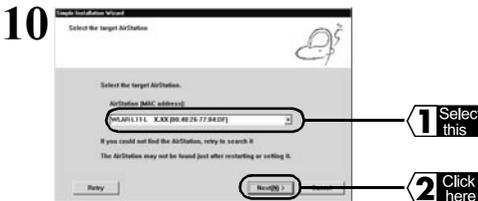
WEP code : Leave it blank (default setting).

Roaming function: Select Unused.

Note For the AirStation MAC address, refer to Parts Nomenclature and Functions in the separate Installation Manual.



Windows will search for the AirStation.



Select the AirStation and click the **Next** button.

Note If "AirStation Not Found" is displayed, the MAC address has been entered incorrectly. Check the AirStation MAC address again.



Click the **Don't Set** button.

Continue to next page.

12



Web browser will start and the setting screen will be displayed.

Note If the setting screen is not displayed, refer to the "Setting Screen Is Not Displayed" section (page 23) in Chapter 2 Troubleshooting in the separate Reference Manual.



Note When the setting screen comes up, click the **Exit** button in the Simple Installation Wizard Screen to close the Simple Installation Wizard.

1 Click here

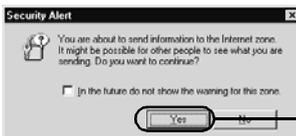
13



Click the **Standard Settings** button.

1 Click here

14

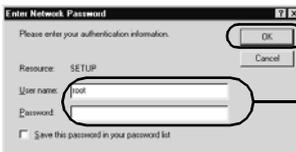


Click the **Yes** button.

Note If using Netscape Navigator, the following message will be displayed: "Send data cannot be protected from here".

1 Click here

15



The Enter Network Password screen will be displayed. Enter the user name and password given below, and click the **OK** button.

User name: root
Password: Leave blank

2 Click here

1 Enter

16 Setting according to the relevant fields.

If assigning IP address from the provider's DHCP server:



Enter the following and click the **Set** button.

Ethernet Side IP Address:

Select “**Automatic IP Assignment by DHCP Server**”.

Default Gateway Address:

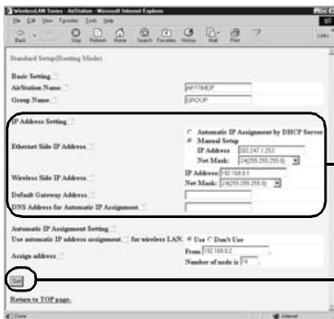
Leave blank.

DNS Address for Automatic IP Assignment:

Leave blank.

Note If the LAN network has already been configured, change the “Wireless Side IP Address” and the “Automatic IP Assignment Setting” as the network settings.

If entering the IP address specified by the provider:



Enter the following values, and click the **Set** button.

Ethernet Side Address:

Select **Manual Setup**, and enter the specified IP address and net mask.

Default Gateway Address:

Enter the default gateway IP address specified by the provider.

DNS Address:

Enter the DNS server IP address specified by the provider.

17 Settings Completed will be displayed. Close the Web browser.

This completes the AirStation setting.

To connect to the Internet, you must set the wireless LAN PC. Refer to *Chapter 4 Wireless LAN PC Setting* and set it according.

Next Continue to *Chapter 4 Wireless LAN PC Setting*.

4

Wireless LAN PC Settings

This section explains how to prepare and connect the wireless LAN PC to the Internet.

To enable connection to the Internet, you must set the wireless LAN PC. Set all the wireless LAN PC for the connection to the Internet using the following procedure.

Installing the Wireless LAN Card

Refer to the manual supplied with the Wireless LAN Card and install the LAN card driver.

Note When using the WLI-ISA-OP or WLI-PCI-OP

Before installing the Wireless LAN Card (WLI-PCM-L11 etc.), install the WLI-ISA-OP or WLI-PCI-OP (hereinafter called the Adapter) and the bus adapter driver. Refer to the attached Bus Adapter Manual for the installation procedure. When using the WLI-PCI-OP Adapter, a WLI-PCI Driver Disk is required.

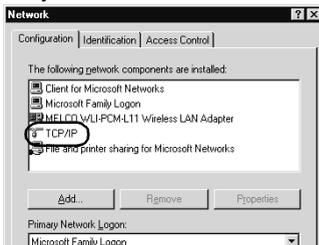
Network Settings

Set the network setting according to the following procedure.

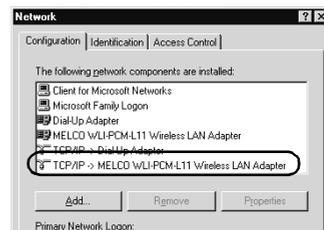
Note Also make the personal computer settings.

- 1 Start windows Me/98/95. Next, click the **Start** button and then select **Settings**, and **Control Panel**.
- 2 Double-click the **Network** icon.
- 3 In the Network dialog box, check that the LAN board drivers and **TCP/IP** are displayed in the following network components are installed: field.

Only 1 LAN board is installed

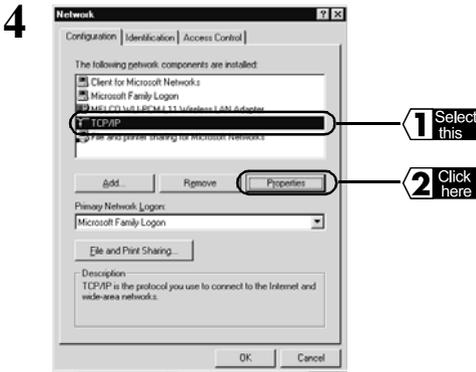


The dial-up adapter and the LAN boards are installed.

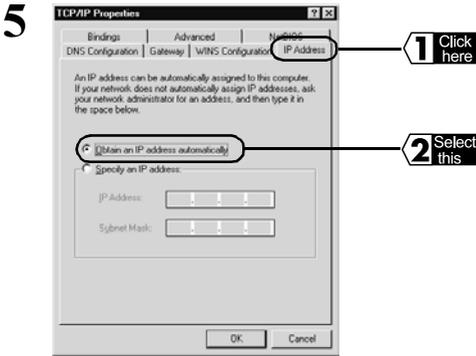


TCP/IP (LAN board driver name) is normally displayed in The following network components are installed: field.

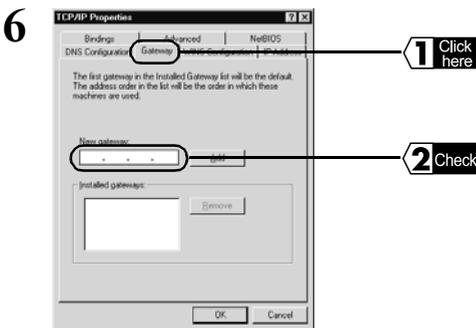
Note If no TCP/IP protocol is displayed, refer to the "Adding the TCP/IP Protocol (Windows Me/98/95)" section (page 11) in Chapter 2 Preparing AirStation Settings. If no wireless LAN card drivers are displayed, refer to the wireless LAN card manual and install the drivers.



Select **TCP/IP**, and click the **Properties** button.

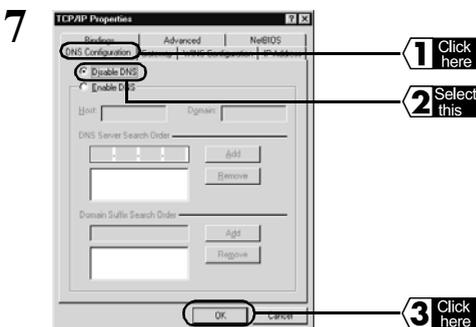


Click the **IP Address** tab, and select “Obtain an IP address automatically”.



Click the **Gateway** tab, and check that the **New gateway** field is blank.

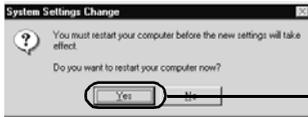
Note If there is an IP address in the **Installed gateways** field, select that IP address and then click the **Remove** button.



Click the **DNS Configuration** tab, select **Disable DNS** and then click the **OK** button.

Continue to next page.

8



On the Network screen, click the **OK** button. The System Settings Change dialog box will be displayed. Click the **Yes** button to restart your computer immediately.

9

Windows will restart. This completes the TCP/IP protocol setting for the PC with which you will connect to the Internet.

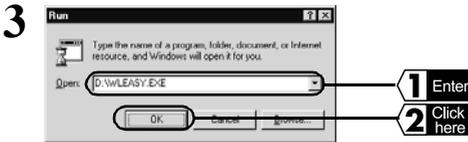
 **Next** Continue to the *"Installing the Client Manager"*(page 21) .

Installing the Client Manager

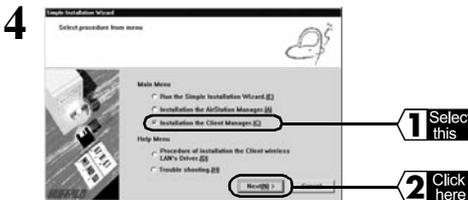
You must install the Client Manager on every PCs that will connect to the Internet through the AirStation. Install the Client Manager by the following procedure.

Note There is no need to install the Client Manager for the Ethernet LAN PC.

- 1 Insert the AirStation Series Driver CD in the CD-ROM drive.
- 2 Click the **Start** button, and select **Run...**.



Enter D:\WLEASY.EXE (where D is the CD-ROM drive), and click the **OK** button.



Select **Installation the Client Manager**, and click the **Next** button.



Exit all other applications that are open, and click the **OK** button.



Click the **Next** button.



Check the installation destination directory. If you do not need to change the destination directory, click the **Next** button. To change the destination directory, enter the installation destination directory and its drive and then click the **Next** button.

Continue to next page.

8



Recheck the destination directory displayed and click the **Start** button. Windows will copy the required files to the directory.

9



Click the **Yes** button. The Client Manager will be added to the Startup menu.

Note If you do not want to add Client Manager to the Startup menu, click the **No** button.

10



Click the **OK** button to complete the installation.

Next Continue to "Connecting to the AirStation"(page 23) .

Note To uninstall the Client Manager, click the **Start** button and select **Programs, MELCO AirStation, Uninstall Client Manager** and follow the instruction on screen.

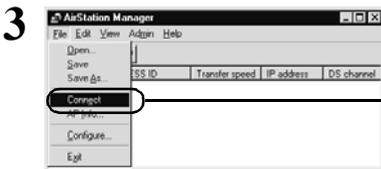
Connecting to the AirStation

When the network setting is completed the setting PC should be able to connect to the AirStation. Copy the setting information (i.e., AirStation information files) to other PCs on the wireless LAN to connect to the AirStation.

Creating the AirStation Information Files (Setting PC)

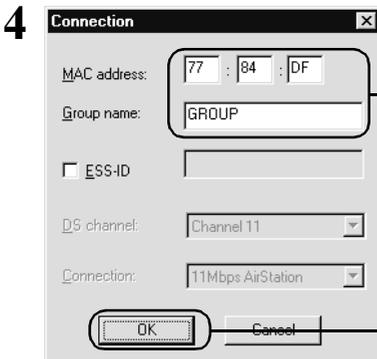
Create AirStation information files from the setting PC using the following procedure.

- 1 Format a floppy disk or use a ready-formatted disk. Affix a label reading AirStation Information Files to the disk.
- 2 Click the **Start** button, select **MELCO AirStation** and **AirStation Manager**.



Select **File** and then **Connect**.

Note When using an Ethernet LAN PC, select **Edit**, **Search AirStation**, and then proceed to Step 6.

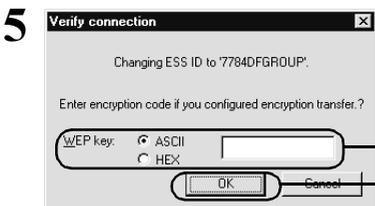


Enter the following values and click the **OK** button.

MAC address :Enter the last six digits of the AirStation MAC address.

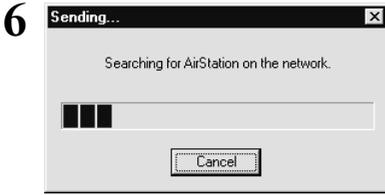
Group name :GROUP (all caps)

Note The AirStation MAC address is written on the AirStation Unit. To check the MAC address, refer to the "Parts Nomenclature and Functions" section in the Install Manual.

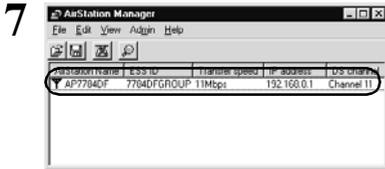


Confirm that the WEP key field is blank and click the **OK** button.

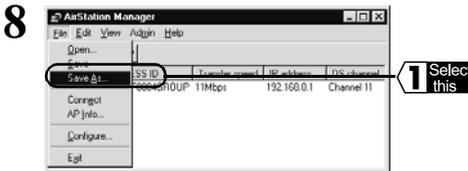
Note If you wish to set encryption using the WEP key, enter your password in the WEP key field.



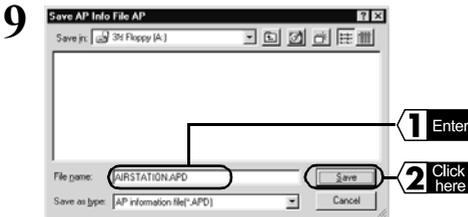
Windows will search for the AirStation.



The AirStation name will be detected and displayed in black. An antenna mark (▼) will be displayed in front of the AirStation that is actually connected.



Select **File** and **Save As...**



In the **Save In:** field, select 3½ Floppy (A:) and enter a suitable name such as **Airstation.Apd** in the **File Name:** field. Click the **Save** button.

Creation of the application information file is completed.

Next Continue to "The AirStation Connection Setting"(page 24) .

The AirStation Connection Setting

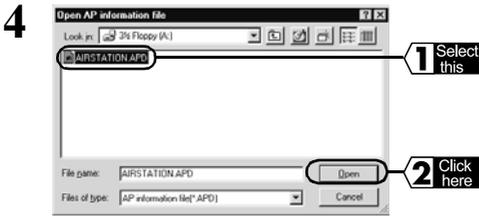
Set wireless LAN PCs other than the setting PC using the following procedure.

1 Click the **Start** button, select **Programs**, **MELCO Wireless LAN** and the **Client Manager**.

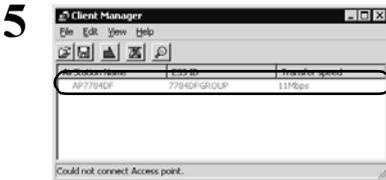


Select **File** and **Open**.

3 Insert the AirStation Information Files Disk created in "Creating AirStation Information Files" into the floppy disk drive.



In the Look In: field, select 3½ Floppy (A:). The file name (e.g., Airstation.Apd) is selected and click the **Open** button.



The AirStation application will be displayed as unavailable.

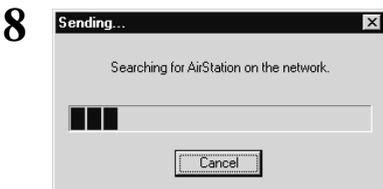


With the AirStation application displayed as unavailable, select the AirStation to which you want to connect. Select **File** and **Connect**.



Click the **OK** button.

Note If you wish to set a password using the WEP key, enter your password in the Password field.



Windows will search for the AirStation.



Connection to the AirStation is completed.

Note When connecting to the AirStation is completed, the application name in the AirStation display will change from gray to black. And the antenna mark (▼) will also be displayed. If the AirStation application is not displayed in black, refer to *Chapter 2 Troubleshooting* in the separate Reference Manual.

Note Immediately after connecting to the AirStation, 2 Mbps or lower baud rate may be displayed. It should be displayed the normal baud rate as communication starts.

Next Continue to the *Connecting to the Internet*.

5

Connecting to the Internet

This section explains how to connect to and disconnect from the Internet.

Internet Connection

As an example you can try and connect to Techworks Home Page by starting the Web Browser. An explanation of how to start the Internet Explorer 4.0 Browser and Netscape Communicator 4.7 Browser is given.

Using Internet Explorer

This section explains the procedure using Internet Explorer 4.0

- 1 Click the **Start** button, select **Programs**, **Internet Explorer** and **Internet Explorer**.

2



In the Address field, enter `http://www.techworks.com/`, and press the **Enter** key. If you specify the URL for a different home page using the same procedure, the specified home page will be displayed.

► **Reference** If no home page is displayed, refer to *Chapter 2 Troubleshooting in the separate Reference Manual*.

- 3 Our home page will be displayed.

Using Netscape Navigator

⚠ **Caution** Before starting Netscape Navigator, check that Netscape Navigator is installed in your PC.

- 1 Click the **Start** button, select **Programs**, **Netscape Communicator** and **Netscape Navigator**.

2



In the Address field, enter `http://www.techworks.com/`, and press the Enter key. If you specify the URL for a different home page using the same procedure, the specified home page will be displayed.

► **Reference** If no home page is displayed, refer to *Chapter 2 Troubleshooting in the separate Reference Manual*.

- 3 Our home page will be displayed.

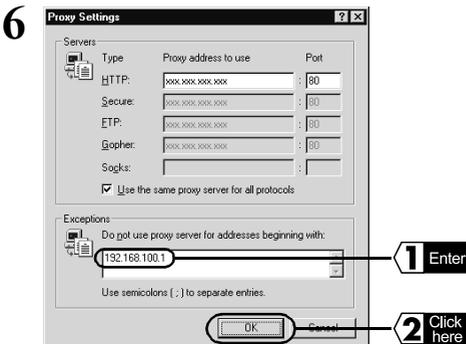
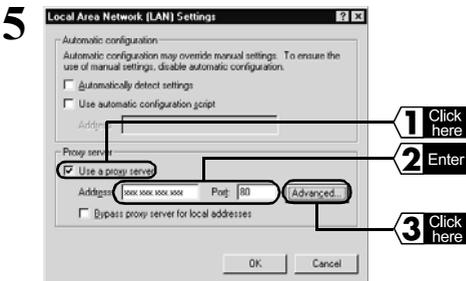
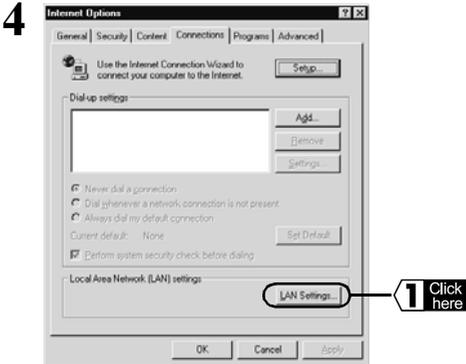
□ **Note** If the browser's proxy settings have been specified by the provider, refer to Proxy Setting and set it accordingly.

Proxy Setting

If you need to set the Web browser's proxy setting the setting must be applied to all PCs.

Internet Explorer 5.0 or later

- 1 Start Internet Explorer.
- 2 On the Menu Bar select **Tools** and **Internet Options**.
- 3 Click the **Connections** button.



Select the **Use a proxy server** option, and enter the IP address and port number for the specified proxy. Next, click the **Advanced** button.

Enter the AirStation's IP address in the Do Not Use Proxy Server for Addresses Beginning With: field, and click the **OK** button.

Note If you do not know the AirStation's IP address, search for the AirStation using the AirStation Manager.

Reference For AirStation Manager details, refer to *Installing AirStation Manager in Chapter 2 Preparing the AirStation Settings*.

Internet Explorer 4.0

- 1 Start Internet Explorer.
- 2 On the Menu Bar select **View** and then select **Internet Options**.
- 3 Click the **Connection** tab.

4

Internet Options

Connection

Use the connection wizard to connect your computer to the Internet.

To change your settings directly, select one of these options:

Connect to the Internet using a modem.

Connect to the Internet using a local area network.

Proxy server:

Access the Internet using a proxy server.

Address: Port:

Bypass proxy server for local (Intranet) addresses.

Automatic configuration:

Your network administrator may have given you the address of a proxy server that will configure Internet Explorer.

1 Select this

4 Click here

3 Enter

2 Click here

Select “Connect to the Internet using a local area network”.

Select the “Access the Internet using a proxy server” check box. Enter the IP address and port number for the specified proxy. Next, click the **Advanced** button.

5

Proxy Settings

Servers	Type	Address of proxy to use	Port
<input type="checkbox"/>	HTTP:	<input type="text" value="xxx.xxx.xxx.xxx"/>	<input type="text" value="80"/>
<input type="checkbox"/>	Secure:	<input type="text" value="xxx.xxx.xxx.xxx"/>	<input type="text" value="80"/>
<input type="checkbox"/>	FTP:	<input type="text" value="xxx.xxx.xxx.xxx"/>	<input type="text" value="80"/>
<input type="checkbox"/>	Gopher:	<input type="text" value="xxx.xxx.xxx.xxx"/>	<input type="text" value="80"/>
<input type="checkbox"/>	Socks:	<input type="text"/>	<input type="text"/>

Use the same proxy server for all protocols

Exceptions

Do not use proxy server for addresses beginning with:

Use semicolons (;) to separate entries.

1 Enter

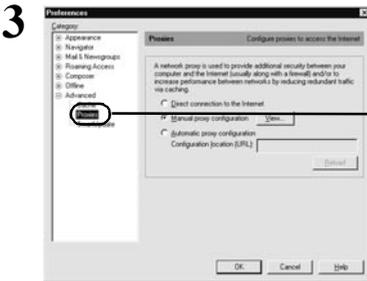
2 Click here

Enter the AirStation’s IP address in the “Do not use proxy server for addresses beginning with:” field and click the **OK** button.

Reference If you do not know the AirStation’s IP address, search for the AirStation using the AirStation Manager. For AirStation Manager details, refer to *Installing AirStation Manager in Chapter 2 Preparing the AirStation Settings*.

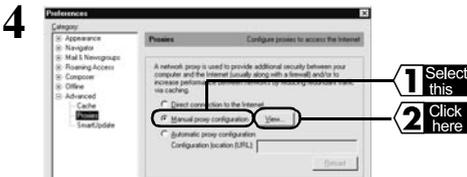
Netscape Navigator 4.0 or Later

- 1 Start Netscape Navigator.
- 2 On the Menu Bar select **Edit** and then select **Preferences**.

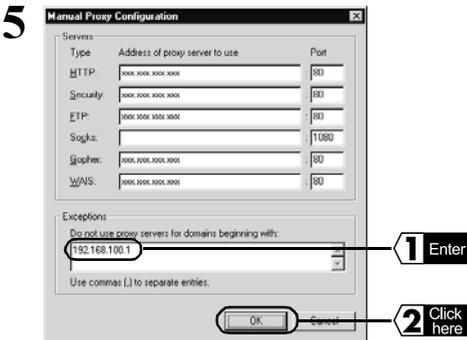


In the Category field, select Proxies.

Note If **Proxies** is not displayed, click the + symbol to the left of the **Advanced** option.



Select Manual proxy configuration and click the **View** button.



Enter the AirStation's IP address in the "Do not use proxy servers for domains beginning with:" field, and click the **OK** button.

Note If you do not know the AirStation's IP address, search for the AirStation using the AirStation Manager.

Reference For AirStation Manager details, refer to the *Installing AirStation Manager in Chapter 2 Preparing the AirStation Settings*.

6

Preparing the AirStation Setting

Set the wireless LAN PC first before the AirStation.

This section provides procedure for Windows 2000/NT4.0. For Windows Me/98/95, refer to Chapter 2 and onwards.

Work Flow

This section explains the procedure for connecting to the Internet from a PC using a CATV network.

1	Installation of the AirStation.	P6
2	Install the Wireless LAN Card in the setting PC. (Refer to Page 31 for the installation procedure.)	
3	Set a tentative IP address in the settings PC.	P31
4	Install the AirStation Manager.	P38
5	Set the AirStation's IP address.	P40
6	Display the setting screen.	P40
7	Set the AirStation.	P40
8	Install the Wireless LAN Card Driver in all wireless LAN PCs. (Refer to Page 43 for the installation procedure.)	
9	Set the TCP/IP protocol in the setting PC.	P43
10	Install the Client Manager.	P49
11	Create the AirStation Information files using the setting PC.	P51
12	Connect all wireless LAN PCs to the AirStation.	P51
13	Connect to the Internet.	P54

Install the following in one of the setting PCs to set the AirStation.

- LAN Board Driver..... Refer to the following "*Installation of LAN Board (for setting PC)*".
- AirStation Manager..... Refer to the "*Installing the AirStation Manager (for setting PC)*" (page 38).
- TCP/IP Protocol..... Refer to the "*TCP/IP Protocol Setting (Setting PC)*" (page 31).
- Web Browser (Internet Explorer 4.0 or later,
or Netscape Navigator 3.0 or later)..... Refer to the relevant Web browser manual. Microsoft Internet Explorer is installed as standard on Windows 2000.

Installation of the LAN Board (for setting PC)

Refer to the LAN board manual when installing the LAN board.

Note When using the WLI-ISA-OP or WLI-PCI-OP

Before installing the Wireless LAN Card (WLI-PCM-L11 etc.), install the WLI-ISA-OP or WLI-PCI-OP (hereinafter called the Adapter) and the bus adapter driver. Refer to the attached Bus Adapter Manual for the installation procedure. When using the WLI-PCI-OP adapter, the WLI-PCI Driver Disk is required.

TCP/IP Protocol Setting (Setting PC)

The procedure for setting the proper TCP/IP protocol is depending on the OS used in the PC. Please refer to the following for setting properly.

Windows 2000: Refer to Windows 2000 (Page 31).

Windows NT 4.0: Refer to Windows NT 4.0 (Page 35).

Windows 2000

■ TCP/IP Protocol Setting (Windows 2000)

The TCP/IP protocol is set as follows.

- 1** Start Windows 2000 and log on to your logon name (e.g., Administrator) with administrator access.
- 2** Click the **Start** button, then select **Settings, Network** and **Dial-up Connections**.
- 3** Double-click the **Local Area Connection** icon.

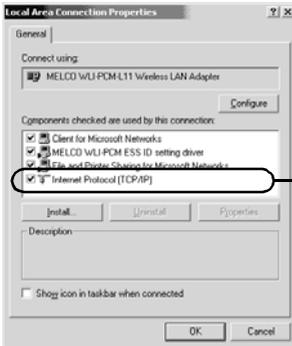
Continue to next page

4



Click the **Properties** button.

5



Check if the Internet Protocol (TCP/IP) is displayed.

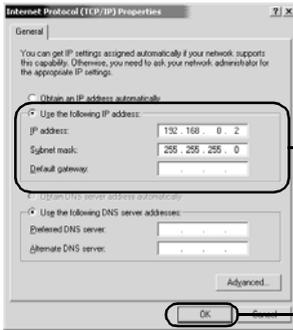
Note If the Internet Protocol (TCP/IP) is not displayed, refer to the "Adding the TCP/IP Protocol (Windows 2000)" section (page 34) and add the Internet protocol (TCP/IP).

6



Select the Internet Protocol (TCP/IP) and click the **Properties** button.

7



1 Enter

Select "Use the following IP address" as followings.

IP address: 192.168.0.2

Subnet mask: 255.255.255.0

When you enter the address, click the **OK** button.

Note If the LAN network is already configured using the TCP/IP protocol, input the same network IP address.

2 Click here

Note Check if the LAN network is already configured using the TCP/IP protocol according to the following procedure.

1. Click the **Start** button, select **Programs, Accessories** and **Command Prompt**.
2. C:\> will be displayed on the screen. Enter "IPCONFIG /ALL" and press the Enter key.
3. If either one of the following is displayed in the IP Address field, no LAN network is configured yet.
"0.0.0.0."
"169.254.x.x."

8



Click the **OK** button.

1 Click here

9



Click the **Close** button.

1 Click here

Next Continue to the AirStation Settings section.

6

■ Adding the TCP/IP Protocol (Windows 2000)

If the TCP/IP Protocol is not present in the setting PC, add the protocol using the following procedure.

1 Click the **Start** button, then select **Settings, Network and Dial-up Connections**.

2 Double-click the **Local Area Connection** icon.

3



Click the **Properties** button.

1 Click here

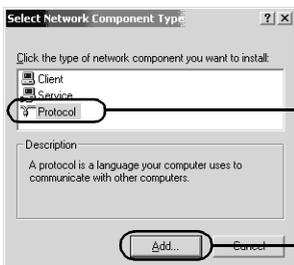
4



Click the **Install** button.

1 Click here

5



Select **Protocol** and click the **Add** button.

1 Select this

2 Click here

6

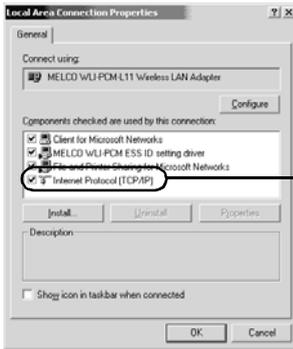


Select **Internet Protocol (TCP/IP)** and click the **OK** button.

1 Select this

2 Click here

7



Check if the Internet Protocol (TCP/IP) is added.

This completes the TCP/IP protocol installation.

Next Continue to the “TCP/IP Protocol Settings” (Windows 2000) section procedure Step 6.

Windows NT 4.0

TCP/IP Protocol Setting (Windows NT 4.0)

Make the TCP/IP protocol on the setting PC using the following procedure.

- 1 Start the PC and log on to your logon name (e.g., Administrator) with administrator access.
- 2 Click the **Start** button, select **Settings** and **Control Panel**.
- 3 Double-click the **Network** icon.

4



Click the **Protocols** tab and make sure the TCP/IP Protocol is displayed in the “Network Protocols” field.

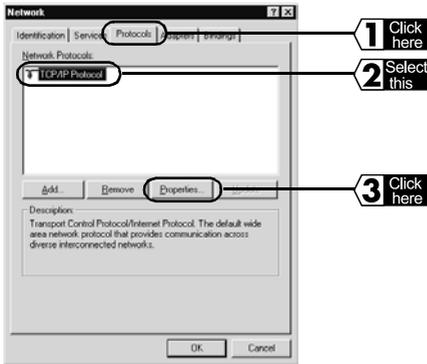
Note If the TCP/IP Protocol is not displayed, refer to the “Adding TCP/IP Protocol” (Windows NT 4.0) section and add the TCP/IP protocol.

Continue to next page.

6

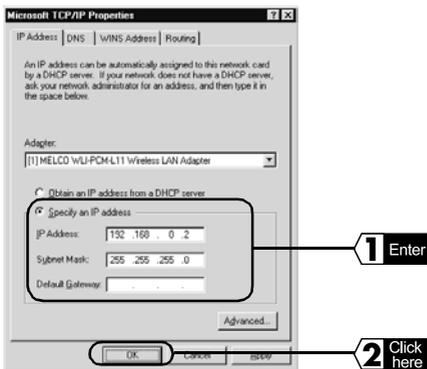
Preparing the AirStation Settings

5



Click the **Protocols** tab and select “TCP/IP Protocol”. Then click the **Properties** button.

6



Specify the IP address and enter the following address.

IP address: 192.168.0.2

Subnet mask: 255.255.255.0

Click the **OK** button to close the window.

Note If the LAN network is already configured using the TCP/IP protocol, input the same network IP address.

Note Check if the LAN network is already configured using the TCP/IP protocol according to the following procedure.

1. Click the **Start** button, select **Programs** and **Command Prompt**.
2. C:\> will be displayed on screen. Enter “IPCONFIG /ALL” and press the Enter key.
3. If the following is displayed in the IP Address field, no LAN network is configured yet. “0.0.0.0.”

7

Restart Windows NT 4.0.

The TCP/IP protocol in the setting PC is active.

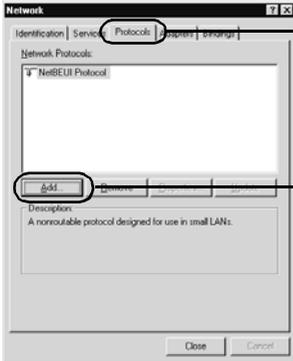
Next Continue to the AirStation Settings section.

■ Adding the TCP/IP Protocol (Windows NT 4.0)

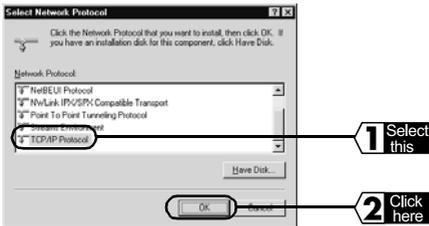
If the TCP/IP Protocol is not in the setting PC, add the protocol using the following procedure.

- 1 Click the **Start** button, select **Settings** and **Control Panel**.
- 2 Double-click the **Network** icon.

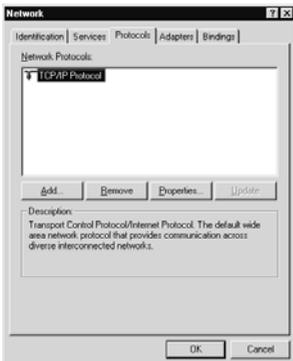
- 3 Click the **Protocols** tab and then click the **Add** button.



- 4 Select the **TCP/IP Protocol** and click the **OK** button.



- 5 The TCP/IP protocol is added.



This completes the TCP/IP protocol installation.

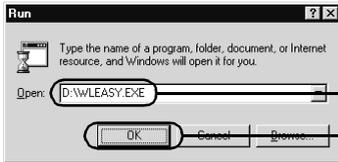
➤ **Next** Continue to the “*TCP/IP Protocol Settings*” (Windows NT 4.0) section procedure Step 5.

Installing the AirStation Manager (for setting PC)

Install the AirStation Manager in the setting PC using the following procedure.

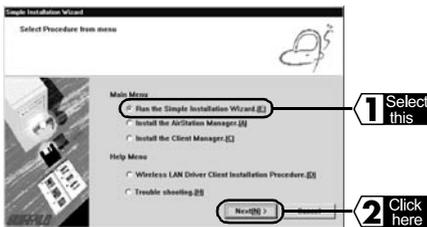
- 1 Insert the AirStation Series Driver CD in the CD-ROM drive.
- 2 Click the **Start** button, and select **Run...**

3



Enter D:\WLEASY.EXE (where D is the CD-ROM drive) and click the **OK** button.

4



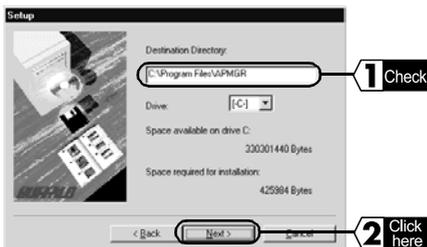
Select **Install the AirStation Manager** and click the **Next** button.

5



Click the **Next** button.

6



Select the directory in which you want to install the AirStation Manager and click the **Next** button.

Note To change the default installation directory, enter a new directory and then click the **Next** button.

7



Check the installation directory displayed and click the **Start** button.
Windows will copy the file to the directory.

8



Click the **OK** button.
Installation of the AirStation Manager is completed.

Next Proceed to Chapter 7 AirStation Setting. (Page 40)

Note To uninstall the AirStation Manager, click the **Start** button, select **Programs, MELCO AirStation and Uninstall AirStation Manager**. Then follow the instruction on the screen.

7

AirStation Setting

Set the AirStation from the setting PC. The PC is prepared by following the procedure in Chapter 6 Preparing AirStation Setting.

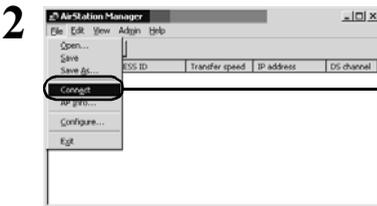
Note

- Make sure a Web browser is installed before set the AirStation. For the installation procedure, refer to the manual supplied with the Web browser. (Microsoft Internet Explorer is installed as standard on Windows 2000.)
- When the AirStation is set from a wireless LAN PC, be sure to use a PC with MELCO's Wireless LAN Card.

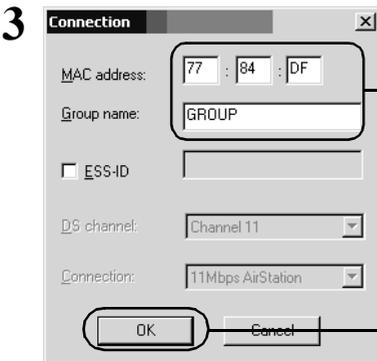
Setting Procedure (Setting PC)

The AirStation is set for the PC using the following procedure.

- 1 Click the **Start** button, select **Programs**, **MELCO AirStation** and then **AirStation Manager**.



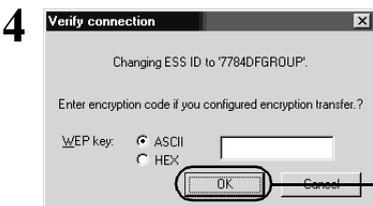
Select **File** and then **Connect**.



Enter the following values and click the **OK** button.
MAC address: Enter the last six digits of the AirStation MAC address.

Group name: GROUP (all caps.)

Note The AirStation MAC address is found on the AirStation Unit. To check the MAC address, refer to Parts Nomenclature and Functions in the separate Installation Manual.



Click the **OK** button.

Note If you wish to use encryption using the WEP key, enter your password in the WEP key field.

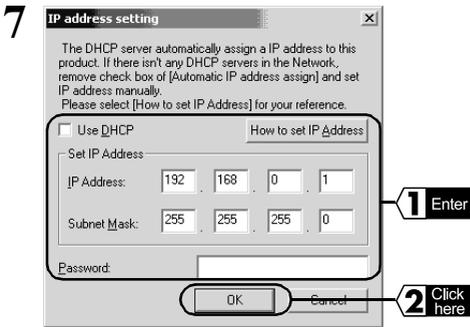


Windows will search for the AirStation.



Highlight the AirStation once it is found. Then select Admin and Set IP Address...

Note If "AirStation Not Found" is displayed, the MAC address may be entered incorrectly. Check the AirStation MAC address again.



Set the following and click the **OK** button.
 Automatic IP address assign: Clear check box.
 IP Address: 192.168.0.1
 Net mask: 255.255.255.0
 Password: Leave blank.

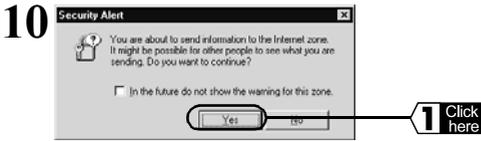


The AirStation IP address will be changed.



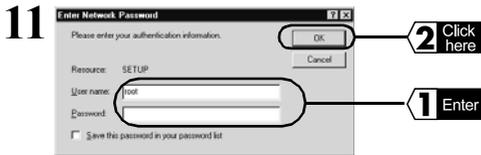
Click the **Standard Setup** button.

Continue to next page.



Click the **Yes** button.

Note If using Netscape Navigator, the following message will be displayed: “Send data cannot be protected from here”.



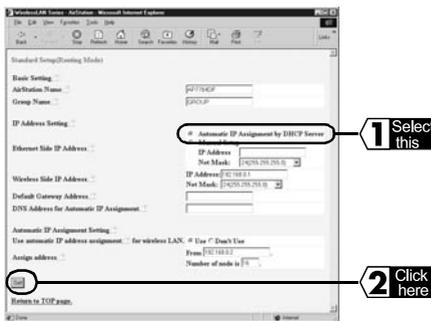
The “Enter Network Password” screen will be displayed. Enter the user name and password given below and click the **OK** button.

User name: root

Password: Leave blank

12 Set according to the relevant fields.

If the IP address is assigned from the provider's DHCP server:



Enter the following and click the **Set** button.

Ethernet Side IP Address:

Select “**Automatic IP Assignment by DHCP Server**”.

Default Gateway Address:

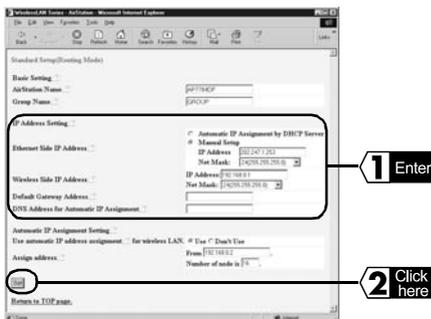
Leave blank.

DNS Address for Automatic IP Assignment:

Leave blank.

Note If the LAN network is already configured, change the “Wireless Side IP Address” and the “Automatic IP Assignment Setting” as the network setting.

If the specific IP address is given by the provider:



Enter the following and click the **Set** button.

Ethernet Side Address:

Select **Manual Setup** and enter the specified IP address and net mask.

Default Gateway Address:

Enter the default gateway IP address specified by the provider.

DNS Address:

Enter the DNS server IP address specified by the provider.

13 “Settings Completed” will be displayed. Close the Web browser.

This completes the AirStation setting.

To connect to the Internet, you must set the wireless LAN PC. Refer to *Chapter 8 Wireless LAN PC Settings* and set the wireless LAN.

Next Continue to *Chapter 8 Wireless LAN PC Settings*.

This section explains how to make the wireless LAN personal computer settings to prepare for connection to the Internet.

To enable connection to the Internet, you must set the wireless LAN PC. Set the wireless LAN PC for all wireless LAN PC to connect to the Internet using the following procedure.

Installing the Wireless LAN Card

Refer to the manual supplied with the Wireless LAN Card and install the LAN card driver.

Note When using the WLI-ISA-OP or WLI-PCI-OP

Before installing the Wireless LAN Card (WLI-PCM-L11 etc.), install the WLI-ISA-OP or WLI-PCI-OP (hereinafter called the Adapter) and the bus adapter driver. Refer to the attached Bus Adapter Manual for the installation procedure. When using the WLI-PCI-OP adapter, the WLI-PCI Driver Disk is required.

Network Settings

The network setting is depending on the OS. Refer to the following for the setting.

Windows 2000 : Continue to Using Windows 2000 (page 43)

Windows NT4.0: Continue to Using Windows NT4.0 (page 47)

Using Windows 2000

- 1 Refer to the manual supplied with the wireless LAN card and install the LAN card drivers.

Caution You must also install the ESS-ID setting driver.

- 2 Start Windows 2000 and log on using your logon name (e.g., Administrator) with administrator access.
- 3 Click the **Start** button and select **Settings, Network** and **Dial-up Connections**.
- 4 Double-click the **Local Area Connection** icon.

5



1 Click here

Click the **Properties** button.

6



1 Check

Check the wireless LAN card driver if the Internet Protocol (TCP/IP) is displayed.

Note

- If the wireless LAN card driver is not displayed, check if the driver is installed correctly.
- If the Internet Protocol (TCP/IP) is not displayed, refer to "Adding the TCP/IP Protocol (Windows 2000)" (page 34) in Chapter 6 Preparing AirStation Settings, and add the TCP/IP protocol.

7

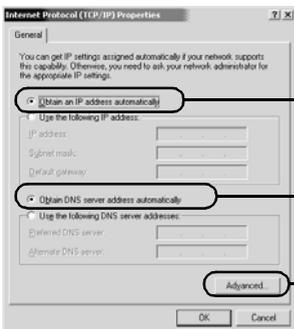


1 Select this

2 Click here

Select the **Internet Protocol (TCP/IP)** and click the **Properties** button.

8



1 Select this

2 Select this

3 Click here

Select **Obtain an IP address automatically** and **Obtain DNS server address automatically**, and click the **Advanced...** button.

Continue to next page.

9

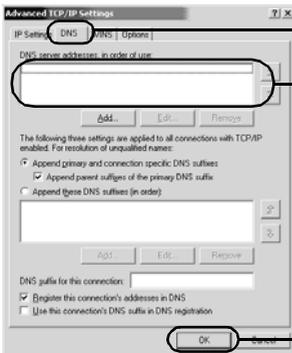


Check if “DHCP Enabled” is displayed in the IP Addresses field. The Default gateways field should be blank.

Note

- If “DHCP Enabled” is not displayed in the IP Addresses field, set it again starting from Step 8.
- If an IP address is displayed in the Default gateways field, highlight the IP address and click the **Remove** button.

10

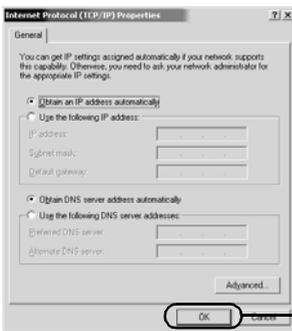


Click the DNS tab and check the “DNS server addresses, in order of use:” field is blank. Next, click the OK button.

Note

- If an IP address is displayed in the “DNS server addresses, in order of use:” field, highlight the IP address and click the **Remove** button.

11



Click the OK button.

12



Click the **OK** button.

13



Click the **Close** button.

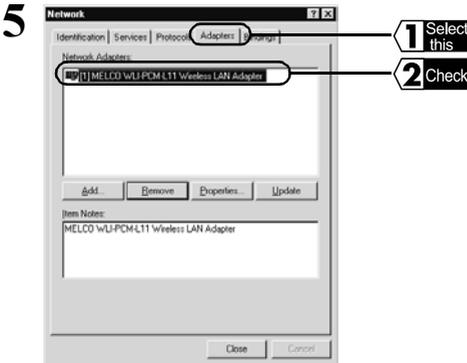
Next Continue to "Installing the Client Manager"(page 49) .

Using Windows NT 4.0

- 1 Refer to the manual supplied with the wireless LAN card and install the LAN card drivers.

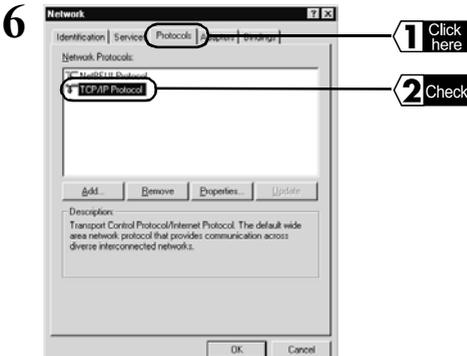
⚠Caution You must also install the ESS-ID setting driver.

- 2 Start Windows NT 4.0 and log on to your logon name (e.g., Administrator) with administrator access.
- 3 Click the **Start** button and select **Settings** and **Control Panel**.
- 4 Double-click the **Network** icon.



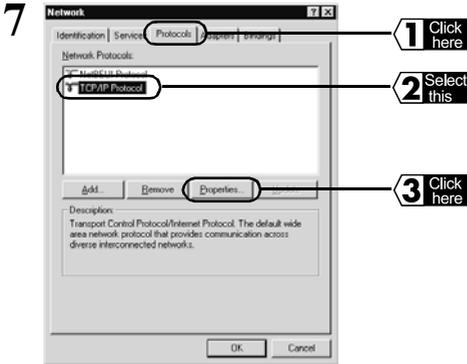
Click the **Adapters** tab and check if the wireless LAN card driver is displayed in the “Network Adapters:” field.

Note If no wireless LAN card driver is displayed, refer to the wireless LAN card manual and install the driver.

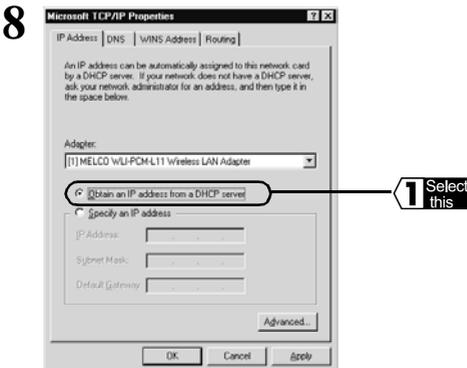


Click the **Protocols** tab and make sure the TCP/IP Protocol is displayed in the “Network Protocols” field.

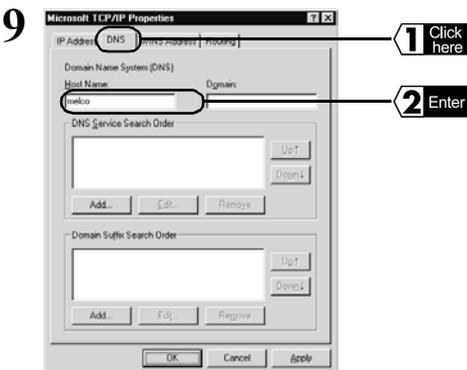
Note If the TCP/IP protocol is not displayed, refer to the “TCP/IP Protocol Setting (Windows NT 4.0)” (page 35) in Chapter 6 Preparing AirStation Settings and add the TCP/IP protocol.



Click the **Protocols** tab select the **TCP/IP Protocol** and click the **Properties** button.



Select **Obtain an IP address from a DHCP server**.



Click the **DNS** tab and enter the host name (e.g., melco).

Caution Do not enter anything other than the host name. If something is already entered in this field, delete it.



Click the **Yes** button.

11 Windows NT 4.0 will restart. This completes the TCP/IP protocol setting for the PC with which you will connect to the Internet.

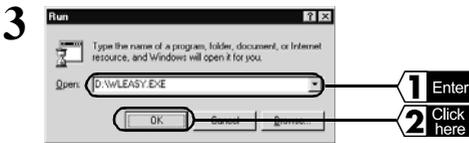
Next Continue to "Installing the Client Manager"(page 49) .

Installing the Client Manager

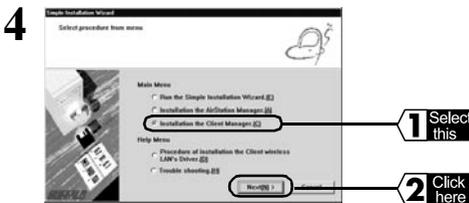
You must install the Client Manager in every PC that will be connected to the Internet. Install the Client Manager by the following procedure.

Note There is no need to install the Client Manager for the Ethernet LAN PCs.

- 1 Insert the AirStation Series Driver CD in the CD-ROM drive.
- 2 Click the **Start** button, and select **Run...**.



Enter D:\WLEASY.EXE (where D is the CD-ROM drive) and click the **OK** button.



Select **Installation the Client Manager** and click the **Next** button.



Exit all other applications that are open and click the **OK** button.



Click the **Next** button.



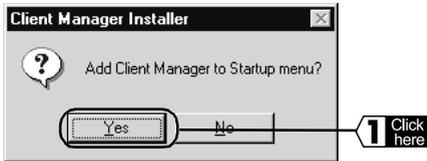
Check the installation destination directory. If you do not need to change the destination directory, click the **Next** button. To change the destination directory, enter the installation destination directory and its drive. Then click the **Next** button.

8



Recheck the destination directory displayed and click the **Start** button. Windows will copy the required files to the directory.

9



Click the **Yes** button. The Client Manager will be added to the Startup menu.

Note If you do not want to add the Client Manager to the Startup menu, click the **No** button.

10



Click the **OK** button to complete the installation.

Next Continue to "Connecting to the AirStation"(page 51) .

Note To uninstall the Client Manager, click the **Start** button, select **Programs, MELCO AirStation, Uninstall Client Manager** and follow the instruction on screen.

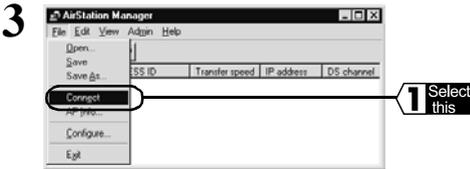
Connecting to the AirStation

When the network setting is completed, the setting PC can connect to the AirStation. Copy the PC setting information (i.e., AirStation information files) to other PCs in the wireless LAN to connect to the AirStation.

Creating the AirStation Information Files (Setting PC)

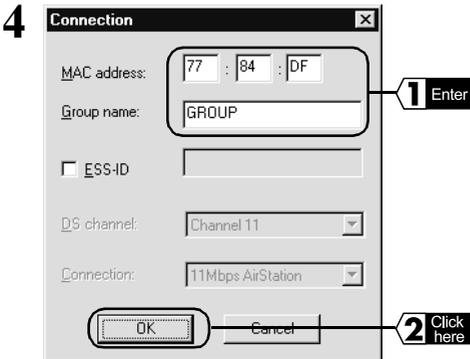
Create the AirStation information file from the setting PC by the following procedure.

- 1 Format a floppy disk or use a ready-formatted disk. Affix a label reading AirStation Information Files to the disk.
- 2 Click the **Start** button select **MELCO AirStation** and **AirStation Manager**.



Select **File**, and then **Connect**.

Note When using an Ethernet LAN PC, select **Edit**, **Search AirStation**, and proceed to Step 6.

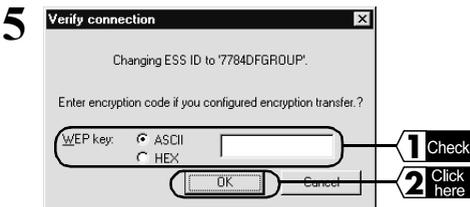


Enter the following values and click the **OK** button.

MAC address :Enter the last six digits of the AirStation MAC address.

Group name :GROUP (all caps)

Note The AirStation MAC address is found on the AirStation Unit. To check the MAC address, refer to the "Parts Nomenclature and Functions" section in the Install Manual.

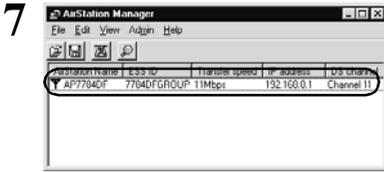


Confirm that the WEP key field is blank and click the **OK** button.

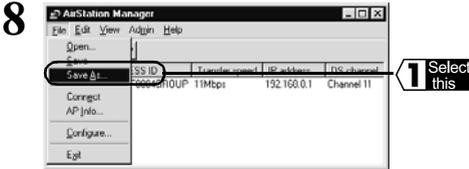
Note If you wish to use encryption using the WEP key, enter your password in the WEP key field.



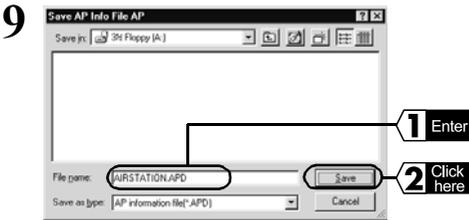
Windows will search for the AirStation.



The AirStation name will be detected, and displayed in black. The antenna mark (▼) will be displayed in front of the AirStation that is actually connected.



Select **File** and **Save As...**



In the **Save In:** field, select 3½ Floppy (A:) and enter a suitable name such as **Airstation.Apd** in the “**File Name:**” field. Next, click the **Save** button.

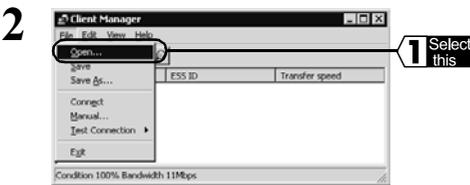
Creation of the application information file is completed.

▶ **Next** Continue to “*The AirStation Connection Settings*”(page 52) .

The AirStation Connection Settings

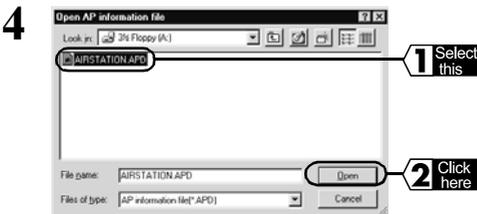
Set wireless LAN PCs other than the setting PC by the following procedure.

1 Click the **Start** button, select **Programs**, **MELCO Wireless LAN** and the **Client Manager**.



Select **File** and **Open**.

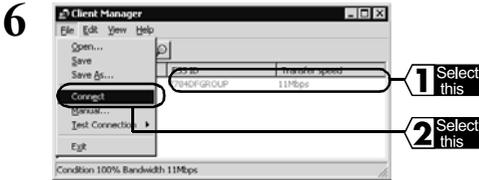
3 Insert the AirStation Information Files Disk created in “Creating AirStation Information Files” into the floppy disk drive.



In the “**Look In:**” field, select 3½ Floppy (A:), the file name (e.g., **Airstation.Apd**) and click the **Open** button.



The AirStation application will be displayed as unavailable.

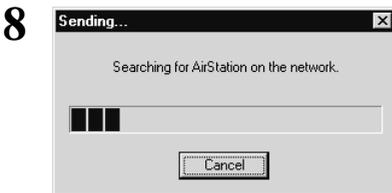


With the AirStation application displayed as unavailable, select the AirStation to which you want to connect. Then select **File** and **Connect**.



Click the **OK** button.

Note If you wish to use a password using the WEP key, enter your password in the Password field.



Windows will search for the AirStation.



Connection to the AirStation is completed.

Note When connecting to the AirStation is completed, the application name in the AirStation display will change from gray to black. the antenna mark (▼) will also be displayed. If the AirStation application is not displayed in black, refer to *Chapter 2 Troubleshooting* in the separate Reference Manual.

Note Immediately after connecting to the AirStation, 2 Mbps or lower baud rate may be displayed. As communication actually begins, the correct baud rate will be displayed.

Next Continue to the *Connecting to the Internet*.

9

Connecting to the Internet

This section explains how to connect to and disconnect from the Internet.

Internet Connection

As an example you can try and connect to Techworks Home Page by starting the Web Browser. An explanation of how to start the Internet Explorer 4.0 Browser and Netscape Communicator 4.7 Browser is given.

Using Internet Explorer

This section explains the procedure using Internet Explorer 4.0

1 Click the **Start** button, select **Programs**, **Internet Explorer** and **Internet Explorer**.

2



In the Address field, enter `http://www.techworks.com/` and press the **Enter** key. If you specify the URL for a different home page using the same procedure, the specified home page will be displayed.

▶ Reference If no home page is displayed, refer to *Chapter 2 Troubleshooting in the separate Reference Manual*.

3 Our home page will be displayed.

Using Netscape Navigator

⚠ Caution Before starting Netscape Navigator, check that Netscape Navigator is installed in your PC.

1 Click the **Start** button, select **Programs**, **Netscape Communicator** and **Netscape Navigator**.

2



In the Address field, enter `http://www.techworks.com/` and press the Enter key. If you specify the URL for a different home page using the same procedure, the specified home page will be displayed.

▶ Reference If no home page is displayed, refer to *Chapter 2 Troubleshooting in the separate Reference Manual*.

3 Our home page will be displayed.

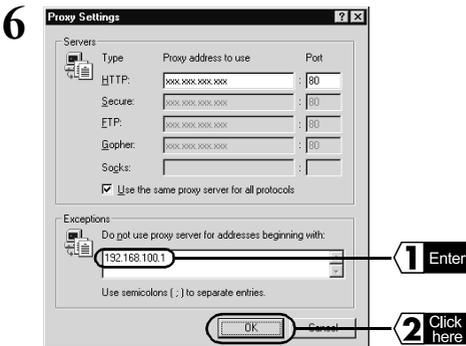
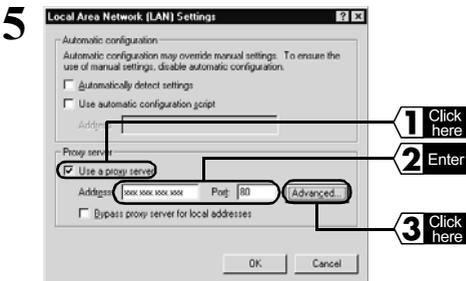
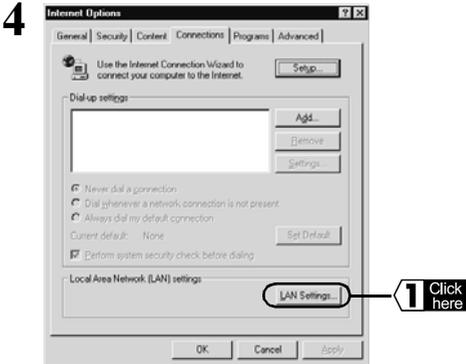
□ Note If the browser's proxy setting is specified by the provider, refer to Proxy Setting and set it accordingly.

Proxy Setting

If you need to set the Web browser's proxy set the proxy for all PCs by the following procedure.

Internet Explorer 5.0 or later

- 1 Start Internet Explorer.
- 2 On the **Menu Bar**, select **Tools** and **Internet Options**.
- 3 Click the **Connections** button.



Enter the AirStation's IP address in the “Do Not Use Proxy Server for Addresses Beginning With:” field and click the **OK** button.

Note If you do not know the AirStation's IP address, search it from the AirStation Manager.

Reference For the AirStation Manager detail, refer to *Installing the AirStation Manager in Chapter 6 Preparing the AirStation Setting*.

Internet Explorer 4.0

- 1 Start Internet Explorer.
- 2 On the **Menu Bar** select **View** and then select **Internet Options**.
- 3 Click the **Connection** tab.

4

Internet Options

Connection

Use the connection wizard to connect your computer to the Internet.

To change your settings directly, select one of these options:

Connect to the Internet using a modem.

Connect to the Internet using a local area network.

Proxy server:

Access the Internet using a proxy server.

Address: Port:

Bypass proxy server for local (Intranet) addresses.

Automatic configuration:

Your network administrator may have given you the name of a server that will configure Internet Explorer.

1 Select this

4 Click here

3 Enter

2 Click here

Select “Connect to the Internet using a local area network”.

Select the “Access the Internet using a proxy server” check box and enter the IP address and port number for the specified proxy. Next, click the **Advanced** button.

5

Proxy Settings

Servers:

Type	Address of proxy to use	Port
HTTP:	<input type="text" value="xxx.xxx.xxx.xxx"/>	<input type="text" value="80"/>
Secure:	<input type="text" value="xxx.xxx.xxx.xxx"/>	<input type="text" value="80"/>
FTP:	<input type="text" value="xxx.xxx.xxx.xxx"/>	<input type="text" value="80"/>
Gopher:	<input type="text" value="xxx.xxx.xxx.xxx"/>	<input type="text" value="80"/>
Socks:	<input type="text"/>	<input type="text"/>

Use the same proxy server for all protocols

Exceptions:

Do not use proxy server for addresses beginning with:

Use semicolons (;) to separate entries.

1 Enter

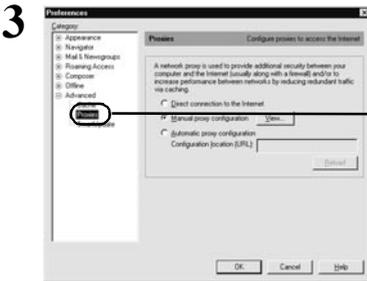
2 Click here

Enter the AirStation’s IP address in the “Do not use proxy server for addresses beginning with:” field and click the **OK** button.

Reference If you do not know the AirStation’s IP address, search it from the AirStation Manager. For the AirStation Manager detail, refer to *Installing the AirStation Manager* in Chapter 6 Preparing the AirStation Setting.

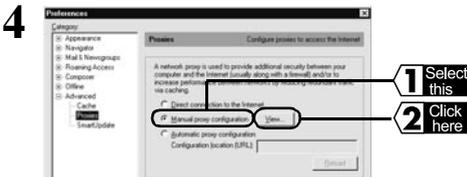
Netscape Navigator 4.0 or Later

- 1 Start Netscape Navigator.
- 2 On the **Menu Bar** select **Edit** and then select **Preferences**.

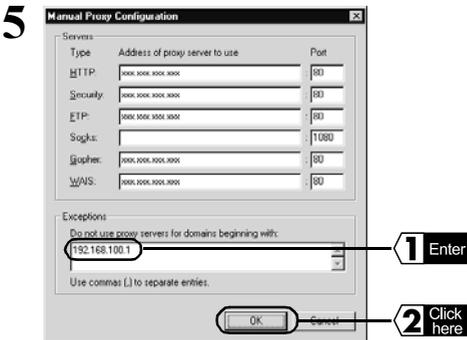


In the Category field, select Proxies.

Note If Proxies is not displayed, click the + symbol to the left of the Advanced option.



Select Manual proxy configuration and click the **View** button.



Enter the AirStation's IP address in the "Do not use proxy servers for domains beginning with:" field and click the **OK** button.

Note If you do not know the AirStation's IP address, search it from the AirStation Manager.

Reference For the AirStation Manager detail, refer to the *Installing the AirStation Manager in Chapter 6 Preparing the AirStation Setting*.

MEMO

MEMO

MEMO

Windows 2000/NT4.0

