CardBus 1102 **Preliminary User Manual**

Installation for MS-Windows

The drivers included with this product support MS-Windows 98, ME, 2000 and XP.

To install this wireless device, you will need to:

    a.   Insert the wireless network adapter
    b.   Install the driver
    c.   Install Client Manager

1   Verify Kit Contents

2   Insert CD-ROM

3   Insert PC Card

Follow the instructions on your screen.

Note

If Windows asks you to find the file, click Browse, point to the CD-ROM drive and click OK.

4   Identify Settings

Follow the instructions on your screen.

When Windows asks you to identify settings:

    a.   Enter the Network Name
    b.   Enter the Encryption Key

Consult your LAN Administrator for the value that applies in your network.

5   Install Client Manager

    a.   Navigate to the folder Software on the CD-ROM
    b.   Open the folder Cl_Mgr
    c.   Double-click setup.exe
    d.   Follow the instructions on your screen

6   Verify wireless connection

The installation will activate the Client Manager icon in the "System Tray" of the Windows taskbar. You can find the icon at the right-bottom side of your screen.

    The color of the Client Manager icon may differ according to the quality of your wireless connection. Green means that you have an excellent wireless connection.

For more information about color states of the icon, please consult the online help system of the Client Manager program.

If you have problems installing or using this product:

    a.   Consult the readme.txt file on the CD-ROM.
    b.   Contact your hardware Reseller or Manufacturer.
    c.   Consult our website http://www.agere.com for the latest information, documentation and software.

Installation for MS-Windows CE

The software included with this product supports MS-Windows CE 2.11, 2.12, 3.0 and 4.0 (also referred to as CE .net).

Most Windows CE devices use a host computer with Microsoft ActiveSynch software to synchronize data. To install the software for this wireless device, you will need to:
 a. Install software on the host computer
 b. Synchronize the host computer with the Windows CE device (requires Microsoft ActiveSynch 3.0 or higher)
 c. Insert the wireless network adapter in the Windows CE device

> Note
>
> For help with Microsoft ActiveSynch, consult the documentation that came with your Windows CE device.

1   **Verify Kit Contents**

2   **Connect Windows CE device to host computer**

3   **Insert CD-ROM**

4   **Install driver on MS-Windows CE**

 a. Click the Start button on the Windows taskbar and select Run
 b. Type `d:\drivers\Win_CE\WinCExxx\setup.exe` and click OK

Where:
- d:\ represents the drive letter of your CD-ROM drive
- xxx matches the version of your Windows CE operating system

Follow the instructions on your screen

The install program will start Microsoft ActiveSynch and transfer files to your Windows CE device.

5 Insert PC Card

Follow the instructions on your screen.

6 Verify wireless connection

The installation will activate the Client Manager icon in the "System Tray" of the Windows taskbar. You can find the icon at the right-bottom side of your screen.

The color of the Client Manager icon may differ according to the quality of your wireless connection. Green means that you have an excellent wireless connection.

For more information about color states of the icon, please consult the online help system of the Client Manager program.

Troubleshooting

1   Windows CE does not recognize the card

    a.   Connect your Windows CE device to the host computer
    b.   Start Microsoft ActiveSynch

For help with Microsoft ActiveSynch, consult the documentation that came with your Windows CE device.

If you have problems installing or using this product:
    a.   Consult the `readme.txt` file on the CD-ROM.
    b.   Contact your hardware Reseller or Manufacturer.
    c.   Consult our website http://www.agere.com for the latest information, documentation and software.

Section: <u>Regulatory Compliance Information</u>

Information to the user

It is the policy of Agere Systems Inc. to provide customers with the latest available information. All updates to this document will appear in the English version first. This document provides regulatory information about Agere wireless LAN products.
This product can operate on channels in frequency bands in 2.4 GHz and 5 GHz ranges, and uses DSSS (Direct Sequence Spread Spectrum) or OFDM radio technology. It is designed to be inter-operable with similar wireless products that comply with:
- IEEE 802.11 b/g/a Standards on Wireless LAN, as defined and approved by the Institute of Electrical and Electronics Engineers
- Wireless Fidelity (Wi-Fi) certification as defined by the Wi-Fi Alliance formerly known as WECA (Wireless Ethernet Compatibility Alliance)

For the country and date of manufacturing, consult the identification label of your wireless device.

<u>1. Wireless LAN and your Health</u>

Wireless LAN products are radio devices that emit radio frequency electromagnetic energy. The level of energy emitted by Wireless LAN devices is much less than the electromagnetic energy emitted by devices like for example mobile telephones. Because Wireless LAN products operate within the guidelines found in radio frequency safety standards and recommendations, Agere believes this product is safe for use by consumers. These standards and recommendations reflect the consensus of the scientific community and result from deliberations of panels and committees of scientists who continually review and interpret the extensive research literature.
See additional information for North America in section 2.1.

Important Safety Instructions

When using this product, always follow the basic precautions to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Always install the product as described in the documentation that is included with your product.
2. Do not use this product near water, for example, near a bathtub, washbowl, and kitchen sink or laundry tub, in a wet basement or near a swimming pool.
3. Avoid using this product during an electric storm. There may be a remote risk of electric shock from lightning
4. Do not use this product to report a gas leak in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

2. Regulatory Information

You must install and use this device in strict accordance with the manufacturer's instructions as described in the user documentation that is included with your product. Before you start installation or use of this product, carefully read the contents of this document for device specific constraints or rules that may apply in the country where you want to use this product. The user must always ensure that country and/or channel selection of Peer-to-Peer groups or Base Station Networks matches the regulations of the country of operation.
In some situations or environments, the use of wireless devices may be restricted by the proprietor of the building or responsible representatives of the organization.
These situations may for example include:
-   Using the wireless equipment on board of airplanes, or
-   In any environment where the risk of interference to other devices or services is perceived or identified as harmful.

If you are uncertain of the policy that applies on the use of wireless equipment in a specific organization or environment (e.g. airports), you are encouraged to ask for authorization to use this device prior to turning on the equipment.
The manufacturer is mot responsible for any radio or television interference caused by unauthorized modification of the device, or the substitution or attachment of connecting cables and equipment other than specified by manufacturer. The correction of interference caused by such unauthorized modification, substitution or attachment will be the responsibility of the user.
The manufacturer and it authorized resellers or distributors are not liable fro any damage or violation that may arise from failing to comply with these guidelines.

2.1 North America

Canada – Industry Canada (IC)

The wireless radio of this device complies with RSS 210 of Industry Canada. This Class B device complies with Canadian ICES-003 (NMB-003).

Exposure to Radio Frequency Radiation

SAR (Specific Absorption Rate) compliance has been established and found to comply in accordance with FCC OET Bulletin 65 and guidelines of IEEE C95.1-1995.

Caution:

To comply with the FCC RF Exposure compliance requirements, the user is advised to maintain a distance of at least 13 mm from the antenna of the device while in use

Federal Communications Commission Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the distance between the equipment and the receiver
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

The FCC requires the user to be notified that any changes or modifications to this device that are not expressly approved by Agere may void the user's authority to operate the equipment.