GC89

EDGE / Wireless LAN PC Card

Wireless LAN Guide

SYSTEM REQUIREMENTS

Your laptop PC must meet or exceed the minimum system requirements for the installed version of Windows® 2000 (SP4), XP (SP2) or Vista™ plus the following:
- 300 MHz Pentium compatible CPU for Windows 2000 or XP; 800MHz for Windows Vista.
- 32 bit CardBus type II PC card slot.
- 30 MB diskspace.

Note: You may still use your GC89 on Windows 98SE and Me by downloading Wireless Manager 3.4.

You also will need the following items and information:
- Access rights to a Wireless LAN network.
- Wireless Manager CD that is included with your GC89. Alternatively, you can download the software from the Sony Ericsson support Web site: *www.SonyEricsson.com/Support*

INSTALLING AND USING WIRELESS MANAGER ON WINDOWS VISTA

Follow the instructions in the Quick Start Guide to install the Wireless Manager application.
Note: Install Wireless Manager before you insert your GC89 into your laptop.
When using Windows Vista, please note the following points:
1. If the CD does not start automatically, select **Start** ➜ **All Programs** ➜ **Accessories** ➜ **Run** and then type **D:/setup.exe** in the **Open** field (where D is your CD drive).
2. When you insert the GC89 following software installation, Vista will open a window called **Driver Software Installation** and install the device driver software for your GC89. You may click the **Close** button when all drivers are **ready to use**.
3. The Wireless Manager status window displays only GSM GPRS/EDGE information. Wireless LAN status is provided by Windows Vista.

ACCESS TO A WIRELESS LAN

A subscription or pre-payment is usually required to use a public Internet hotspot beyond the introductory log-in Web pages.
To access a home or small office wireless LAN, you typically need a network key for WEP or WPA-Personal (WPA-PSK).
To access a corporate wireless LAN, you need access rights and configuration information. Contact your network administrator to arrange access.

CREATING A WIRELESS LAN CONNECTION

If you are using Windows 2000, you must use the Sony Ericsson Wireless Utility.
If you are using Windows XP, you can use the Windows XP user interface or you can use the Sony Ericsson Wireless Utility. For information about how to use the Windows XP user interface, see the *Wireless Manager User Guide*.
Windows Vista has an advanced user interface for creating and managing Wireless LAN connections which you must use - see below.

CREATING A WIRELESS LAN CONNECTION WITH SONY ERICSSON WIRELESS UTILITY (WINDOWS 2000/XP)

To find and connect to Wireless networks:
1. In the Windows notification area, double-click on the Wireless Utility icon.
2. Available networks are listed. Select the one you require.
3. Enter and confirm secure network key information or check the **Allow me to connect to the selected wireless network even though it is not secure** check box.
4. Click **Connect**.

If the network you require is not listed but is in range, or you need to manually configure the settings:
1. On the Windows desktop, right-click on the Wireless Utility icon in the system tray and select **Open Utility**.
2. Click the **Wireless Networks** tab.
3. Make sure that the **Let this tool manage your wireless settings** check box is selected.
4. In the Preferred networks panel, click **Add**.
5. In the **Network name (SSID)** field, type the network name to which you want to connect.
6. If your wireless LAN service **does not** require network key information, in the **Data Encryption** drop-down list, select **Disabled**.
7. If your wireless LAN service requires WEP network key Information, complete the following steps:
   a. In the **Data Encryption** drop-down list, select **WEP**.
   b. If necessary, clear the **The key is provided for me automatically** check box.
   c. In the **Network key** field, type the network key.
   d. In the **Confirm key** field, re-type the network key.
8. If your Wireless LAN service requires WPA-PSK (WPA Personal) network key information, complete the following steps:
   a. In the **Network Authentication** drop-down list, select **WPA-PSK**.
   b. If necessary, clear the **The key is provided for me automatically** check box.
   c. In the **Network key** field, type the network key.
   d. In the **Confirm key** field, re-type the network key.
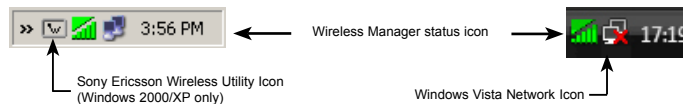9. Click **OK**.
10. Click **Apply**.

CREATING A WIRELESS LAN CONNECTION IN WINDOWS VISTA

1. Select **Start** ➜ **Connect To**. The **Connect to a network** window opens and available wireless LAN networks are listed.
2. Select the required network and click **Connect**. If the network is secure, enter the required information and click **Connect again**.
3. If the network you require is not listed but is in range, or you want to manually configure the settings, select **Set up a connection or network** then select **Manually Connect to a Wireless Network** and follow the on-screen instructions.

Note: If the network name is hidden (non-broadcast SSID) you must select the **Connect even if the network is not broadcasting** check box. The automatic connection option should be disabled in this case.

NOTIFICATION AREA ICONS

The Windows notification area displays icons that represent the status of the network connections for your PC card.

Wireless Manager status icon

Sony Ericsson Wireless Utility Icon (Windows 2000/XP only)

Windows Vista Network Icon

WIRELESS MANAGER STATUS ICON

The Wireless Manager status icon is described in the *Quick Start Guide* and the *Wireless Manager User Guide*.

SONY ERICSSON WIRELESS UTILITY ICON (WINDOWS 2000/XP ONLY)

The wireless LAN radio is disabled.
The wireless LAN radio is enabled, but there is no wireless LAN connection.
Your GC89 is connected to a wireless LAN. The degree to which this icon is green indicates the signal strength.

ENABLING AND DISABLING THE WIRELESS LAN RADIO (2000/XP ONLY)

To disable the wireless LAN radio, right-click and select **Disable Radio**.
To enable the wireless LAN radio, right-click and select **Enable Radio**.
Disabling the radio enables you to disconnect from the Wireless LAN network.
Alternatively, use the Disable/Enable button on the right side of the Wireless Manager Status window or select **File** ➜ **Turn 802.11 Radio On/Off**.

WINDOWS VISTA NETWORK ICON

No Wireless LAN connection. Click on the icon and select **Connect to a network**.
To access network settings, click on the icon and select **Network and Sharing Center**.
Connected to a wireless LAN.
Click on the icon to see network name and signal strength. Right click, select Disconnect from and your network name to disconnect.

ENABLING AND DISABLING THE WIRELESS LAN RADIO (WINDOWS VISTA)

1. Select **Start** ➜ **Control Panel** and under Network and Internet select **View Network status and tasks**.
2. Select **Manage network connections** and find the network connection with device name **Sony Ericsson 802.11g Wireless LAN Adapter**.
3. Right-click on this connection and select **Disable** to turn off the radio, **Enable** to turn it back on.