



# **3Com Wireless 11g PCI Adapter**

## Quick Installation Guide For Windows 2000

**3CRPCIG75  
3CRPCIG75-LAT**

**[www.3com.com](http://www.3com.com)**

M/N : WL-549

Part Number 10016632 Rev AA  
Published April 2008



## **3Com Corporation, 350 Campus Drive, Marlborough, MA USA 01752-3064**

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## Check the Package Contents

Before you start with the installation, verify that your PCI Adapter package includes the following items:

- One 3Com Wireless 11g PCI Adapter with standard PCI bracket
- One remote antenna
- One low-profile PCI bracket
- One 3Com Installation CD-ROM, which contains the Windows XP and Windows Vista drivers for the PCI Adapter
- This *3Com Wireless 11g PCI Adapter Quick Installation Guide*
- One warranty flyer

If any of these items are damaged or missing, please contact your 3Com network supplier immediately.

## Check the Minimum System Requirements

You can install the PCI Adapter on any desktop computer running Microsoft® Windows® XP, Windows 2000, or Windows Vista.



*If using Windows 2000, please download the driver and utility from the 3COM web site.*

Your computer must also have, at least, the following:

- Available PCI slot
- 733 MHz Intel™ Pentium™ III or Celeron processor (or equivalent)

- 256 MB of RAM
- 7 MB of free disk space
- CD-ROM drive

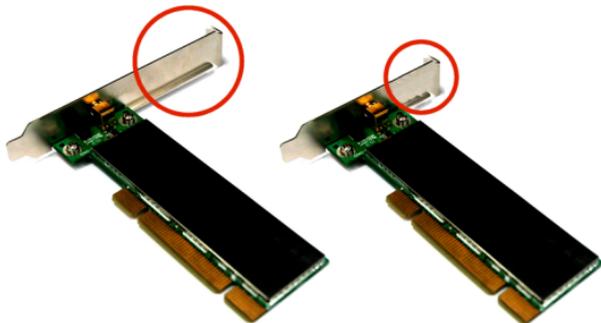
## **Check the PCI Bracket**

The standard PCI bracket to which the PCI Adapter is attached by default is for standard, full-height desktops. If you are using a low-profile desktop, you need to replace the standard bracket with the low-profile bracket for the PCI Adapter to fit the computer case.

To replace the PCI bracket:

- 1** Remove the two screws that secure the PCI Adapter to the bracket. Save the screws to fasten the low-profile bracket later.
- 2** Replace the standard bracket with the low-profile bracket.
- 3** Fasten the PCI Adapter to the low-profile bracket using the screws you removed in step 1.

**Figure 1** Standard Bracket (Left) and Low-Profile Bracket (Right)



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## Installing the Wireless PCI Adapter

Installing the PCI Adapter is a two-step process:

- 1 Install the PCI Adapter hardware
- 2 Install the PCI Adapter Windows 2000 software

### Install the PCI Adapter Hardware

You will need:

- A Phillips screwdriver to remove the computer case and slot cover and to secure the PCI Adapter into the slot.
- Antistatic protection

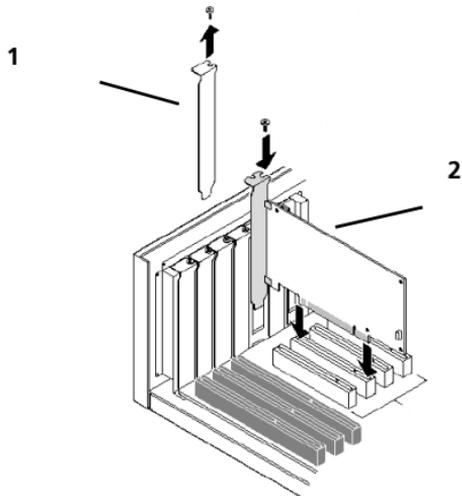


*Attach the antenna to the antenna connector only after you secure the PCI Adapter into the slot.*

To install the PCI Adapter into a PCI slot:

- 1 Shut down your computer, and then unplug the power cord from the power source.
- 2 Remove the computer cover.
- 3 Locate an empty PCI slot and remove the slot cover. See **1** in Figure 2 on the next page. Save the screw so that you can secure the PCI Adapter into the slot later.

**Figure 2** Inserting the PCI Adapter Into a PCI Slot



- 4 Insert the PCI Adapter into the slot, and then press it down gently until it seats snugly in the slot. See **2** in Figure 2.
- 5 Secure the PCI Adapter into the slot using the screw that you removed earlier.
- 6 Replace the computer cover.
- 7 Attach the antenna to the PCI Adapter's antenna connector, and then turn the threaded part clockwise to secure it. Do not overtighten.  
For optimal reception, position the antenna so that it is straight up.
- 8 Reconnect the power cord to the power source, and then turn on your computer.



*If the Found New Hardware Wizard appears when Windows starts, click Cancel.*

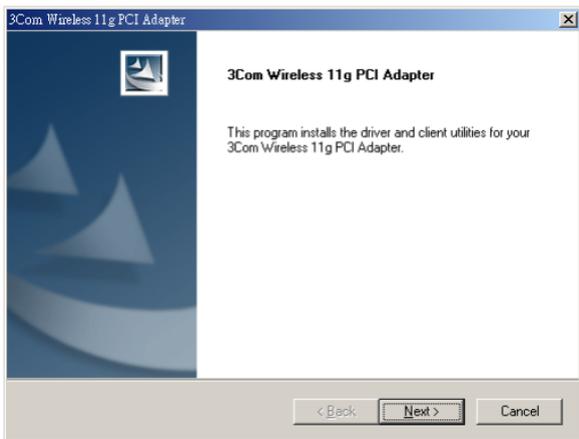
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## Install the PCI Adapter Windows 2000 software

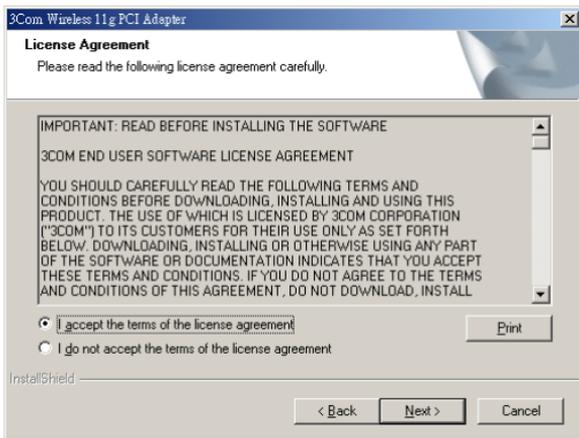
Your PCI Adapter Windows 2000 software contains the 3Com Wireless driver and utility. Running the PCI Adapter setup program installs the adapter driver and utility.

### Install the PCI Adapter driver and utility on Windows 2000

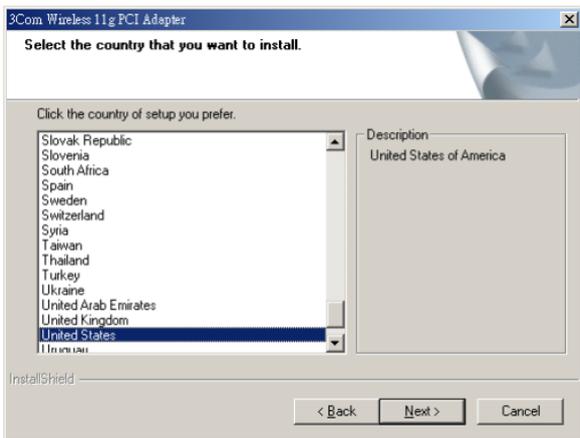
- 1 Run **Setup.exe**.
- 2 When the welcome screen appears, click **Next**.



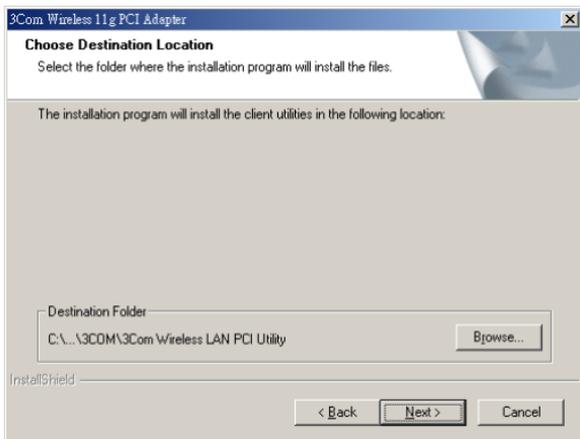
- 3 When the **License Agreement** screen appears, check **I accept the terms of the license agreement** and click **Next**.



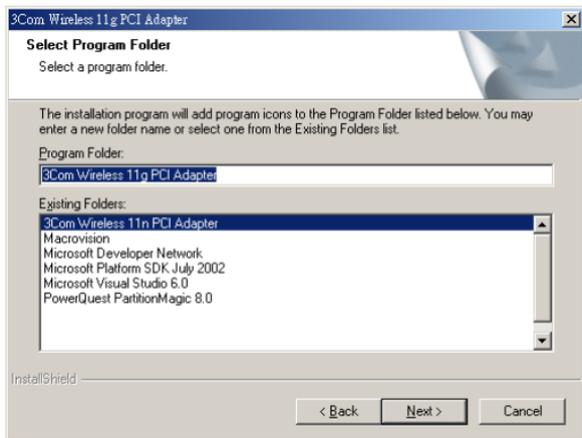
- 4 When the **Select the country that you want to install** screen appears, select the country you prefer and click **Next**.



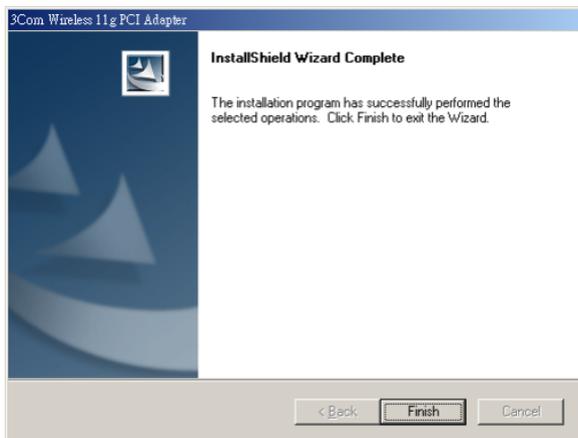
- 5 When the **Choose Destination Location** screen appears, click **Next**. Alternatively, you can change the destination folder by clicking **Browse...**



- 6 When the **Select Program Folder** screen appears, click **Next**. Alternatively, you can change the program folder name.



- Click **Finish**. The installation is complete. The **3Com Wireless 11g PCI Adapter Utility** will appear. You can now manage the wireless network.

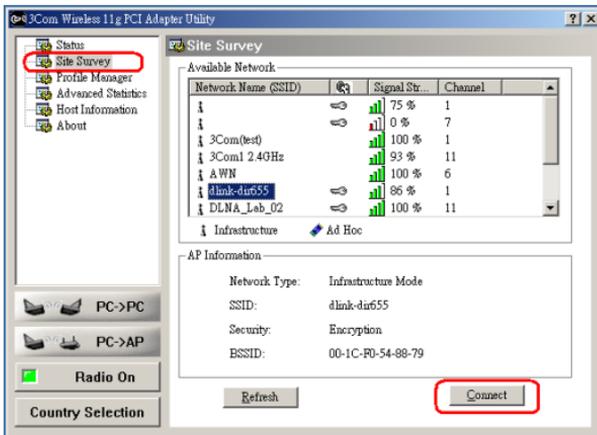


## Connecting on Windows 2000

By default, the PCI Adapter now scans for access points in range.

If you want to connect to a specific access point, you must configure your wireless connection using the 3Com Wireless 11g PCI Adapter Utility tool.

- 1 Click **Site Survey** on the left menu to reload and search for available networks. Select a wireless network in the list and click **Connect** to join the selected wireless network.



- 2 The **Profile Management** screen will appear. Type the profile name you prefer.

Profile Management

General | Security | Advanced

Profile Settings:

Profile Name: 3Com

Client Name: WIN2K

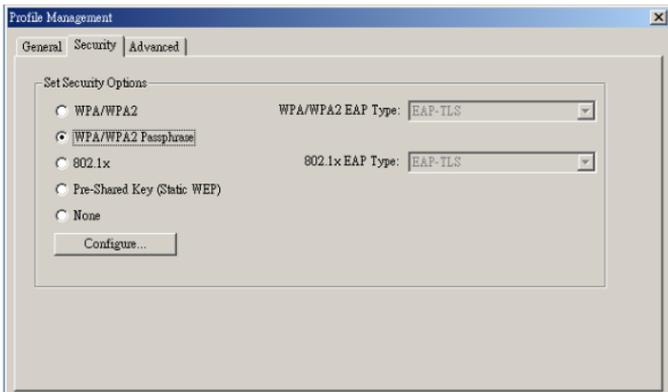
Network Names:

SSID1: dlink-dw655

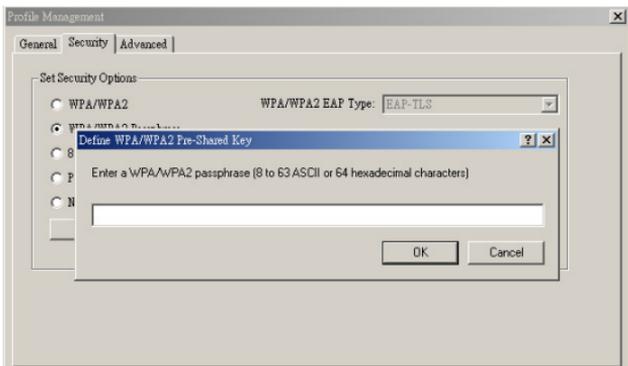
SSID2:

SSID3:

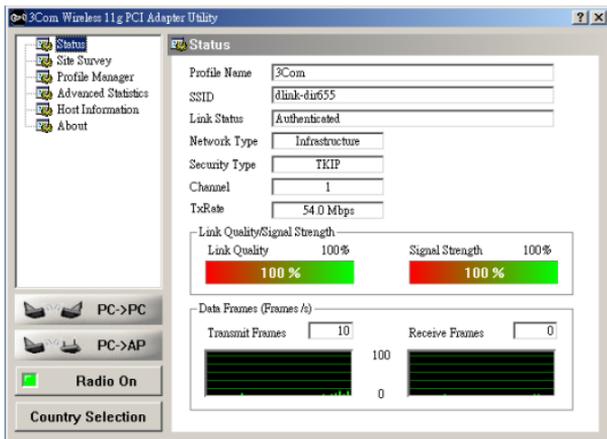
- 3 Select the security options for the wireless network and click **Configure...**



- 4 Type the network security key and click **OK**. Then click **OK** on the Profile Management screen.



- Once successfully connected to the wireless network, the status of the wireless network connection will appear.



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## Troubleshooting Installation

Refer to Table 1 for a list of issues that you may encounter during installation and some suggested solutions.

**Table 1** Installation Issues and Possible Solutions

| <b>Problem</b>   | <b>Possible Solution</b>   |
|--|--|
| Installation program does not finish or the driver fails to load | <p>Use the Device Manager to resolve resource conflicts that may exist. To start the Device Manager, go to the <i>Control Panel</i>, double-click <i>System</i>, and then click the <i>Device Manager</i> tab.</p> <ul style="list-style-type: none"><li>■ If the hardware item for the PCI Adapter under <i>Network adapters</i> has a yellow exclamation point, right-click the item, and then click <i>Update Driver</i>. Follow the instructions on the Hardware Update Wizard to update the PCI Adapter driver.</li><li>■ If the hardware item for the PCI Adapter does not appear under <i>Network adapters</i>, repeat the setup procedure.</li></ul> |

**Table 1** Installation Issues and Possible Solutions

| <b>Problem</b>                                     | <b>Possible Solution</b>   |
|--|--|
| Windows shows the PCI Adapter as an unknown device | <ul style="list-style-type: none"><li>■ Verify that the PCI Adapter is inserted properly into the PCI slot.</li><li>■ If the PCI Adapter is inserted properly into the slot and Windows still does not recognize it, use the Device Manager to remove the unknown device, and then repeat the setup procedure.</li></ul> |
| Power/Activity LED is off                          | <ul style="list-style-type: none"><li>■ Verify that the PCI Adapter is inserted properly into the PCI slot.</li><li>■ Verify that the driver was installed successfully by checking the status of the device in the Device Manager.</li></ul>  |

## REGULATORY INFORMATION

The 3Com Wireless 11g PCI Adapter (3CRPCIG75 and 3CRPCIG75-LAT, M/N : WL-549) must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product. This device complies with the following radio frequency and safety standards.

 *This product contains 128-bit encryption. It is unlawful to export out of the U.S. without obtaining a U.S. Export License.*

This product does not contain any user serviceable components. Any unauthorized product changes or modifications will invalidate 3Com's warranty and all applicable regulatory certifications and approvals.

Only antennas specified for your region by 3Com can be used with this product. The use of external amplifiers or non-3Com antennas may invalidate regulatory certifications and approvals.

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### CAUTION: EXPOSURE TO RADIO FREQUENCY RADIATION

This device generates and radiates radio-frequency energy. In order to comply with FCC radio-frequency exposure guidelines for an uncontrolled environment, this equipment must be installed and operated while maintaining a minimum body to antenna distance of 20 cm (approximately 8 in.).

The installer of this radio equipment must ensure that the antenna is located or pointed such that it does not emit RF field in excess of Health Canada limits for the general population; consult Safety Code 6, obtainable from Health Canada's website [www.hc-sc.gc.ca/rpb..](http://www.hc-sc.gc.ca/rpb..)

This product must maintain a minimum body to antenna distance of 20 cm. Under these conditions this product will meet the Basic Restriction limits of 1999/519/EC [Council Recommendation of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz)].

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### USA-FEDERAL COMMUNICATIONS COMMISSION (FCC)

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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 tuning the equipment 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 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 user may find the following booklet prepared by the Federal Communications Commission helpful:

*The Interference Handbook*

This booklet is available from the U.S. Government Printing Office, Washington, D.C. 20402. Stock No. 004-000-0034504.

3Com is not responsible for any radio or television interference caused by unauthorized modification of the devices included with this 3Com Wireless 11g PCI Adapter (3CRPCIG75 and 3CRPCIG75-LAT, M/N : WL-549), or the substitution or attachment of connecting cables and equipment other than specified by 3Com.

The correction of interference caused by such unauthorized modification, substitution or attachment will be the responsibility of the user.

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## **MANUFACTURER'S DECLARATION OF CONFORMITY**

3Com Corporation  
350 Campus Drive  
Marlborough, MA 01752-3064, USA  
(800) 527-8677  
Date: March 1, 2008

Declares that the Product:

Brand Name: 3Com Corporation  
Model Number: WL-549  
Equipment Type: 3Com Wireless 11g PCI Adapter

Complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.



3Com Wireless 11g PCI Adapter  
Model: WL-549

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## **CANADA – INDUSTRY CANADA (IC)**

This device complies with RSS 210 of Industry Canada.

Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of this device."

L' utilisation de ce dispositif est autorisée seulement aux conditions suivantes: (1) il ne doit pas produire de brouillage et (2) l' utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

The term "IC" before the equipment certification number only signifies that the Industry Canada technical specifications were met.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication. To prevent radio interference to the licensed service, this device is intended to be operated indoors and away from windows to provide maximum shielding. Equipment (or its transmit antenna) that is installed outdoors is subject to licensing.

Pour empêcher que cet appareil cause du brouillage au service faisant l'objet d'une licence, il doit être utilisé à l'intérieur et devrait être placé loin des fenêtres afin de fournir un écran de blindage maximal. Si le matériel(ou son antenne d'émission) est installé à l'extérieur, il doit faire l'objet d'une licence.

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## **INDUSTRY CANADA (IC) EMISSIONS COMPLIANCE STATEMENT**

This Class B digital apparatus complies with Canadian ICES-003.

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## **AVIS DE CONFORMITÉ À LA RÉGLEMENTATION D'INDUSTRIE CANADA**

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

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## **SAFETY COMPLIANCE NOTICE**

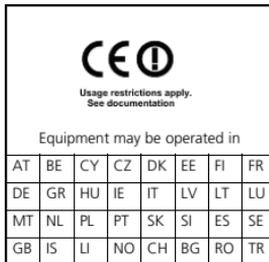
This device has been tested and certified according to the following safety standards and is intended for use only in Information Technology Equipment which has been tested to these or other equivalent standards:

- UL Standard 60950-1
- CAN/CSA C22.2 No. 60950-1
- IEC 60950-1

- EN 60950-1

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## EUROPE – EU DECLARATION OF CONFORMITY



Intended use: IEEE 802.11b/g radio LAN device

NOTE: To ensure product operation is in compliance with local regulations, select the country in which the product is installed. Refer to the 3Com Wireless 11g PCI Adapter online help.

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## EUROPE - DECLARATION OF CONFORMITY IN LANGUAGES OF THE EUROPEAN COMMUNITY

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|         |   |
|---------|---|
| English | Hereby, 3Com Corporation, declares that this RLAN device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.   |
| Finnish | 3Com Corporation vakuuttaa täten että RLAN device tyypinen laite on direktiivin 1999/5/EY oleellisten vaatimusten ja sitä koskevien direktiivin muiden ehtojen mukainen.  |
| Dutch   | Hierbij verklaart 3Com Corporation dat het toestel RLAN device in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG<br>Bij deze verklaart 3Com Corporation dat deze RLAN device voldoet aan de essentiële eisen en aan de overige relevante bepalingen van Richtlijn 1999/5/EC.  |
| French  | Par la présente 3Com Corporation déclare que l'appareil RLAN device est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE<br>Par la présente, 3Com Corporation déclare que ce RLAN device est conforme aux exigences essentielles et aux autres dispositions de la directive 1999/5/CE qui lui sont applicables.   |
| Swedish | Härmed intygar 3Com Corporation att denna RLAN device står i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.  |
| Danish  | Undertegnede 3Com Corporation erklærer herved, at følgende udstyr RLAN device overholder de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF   |
| German  | Hiermit erklärt 3Com Corporation, dass sich dieser/diese/dieses RLAN device in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 1999/5/EG befindet*. (BMW i)<br>Hiermit erklärt 3Com Corporation die Übereinstimmung des Gerätes RLAN device mit den grundlegenden Anforderungen und den anderen relevanten Festlegungen der Richtlinie 1999/5/EG. (Wien) |
| Greek   | <b>ΜΕ ΤΗΝ ΠΑΡΟΥΣΑ 3Com Corporation ΔΗΛΩΝΕΙ ΟΤΙ RLAN device ΣΥΜΜΟΡΦΩΝΕΤΑΙ ΠΡΟΣ ΤΙΣ ΟΥΣΙΩΔΕΙΣ ΑΠΑΙΤΗΣΕΙΣ ΚΑΙ ΤΙΣ ΛΟΙΠΕΣ ΣΧΕΤΙΚΕΣ ΔΙΑΤΑΞΕΙΣ ΤΗΣ ΟΔΗΓΙΑΣ 1999/5/ΕΚ</b>  |

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|            |   |
|------------|---|
| Italian    | Con la presente 3Com Corporation dichiara che questo RLAN device è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti stabilite dalla direttiva 1999/5/CE.                |
| Spanish    | Por medio de la presente 3Com Corporation declara que el RLAN device cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE |
| Portuguese | 3Com Corporation declara que este RLAN device está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.   |
| Malti      | Hawnhekk, 3Com Corporation, jiddikjara li dan RLAN device jikkonforma mal-tijjiet essenzjali u ma provvedimenti orajin rilevanti li hemm fid-Direttiva 1999/5/EC.                             |
| Estonian   | Käesolevaga kinnitab 3Com Corporation seadme RLAN device vastavust direktiivi 1999/5/EÜ põhinõuetele ja nimetatud direktiivist tulenevatele teistele asjakohastele sätetele.                  |
| Hungarian  | Alulírott, 3Com Corporation nyilatkozom, hogy a RLAN device megfelel a vonatkozó alapvető követelményeknek és az 1999/5/EC irányelv egyéb előírásainak.                                       |
| Slovak     | 3Com Corporation týmto vyhlasuje, že RLAN device spĺňa <b>základné</b> požiadavky a <b>všetky príslušné</b> ustanovenia Smernice 1999/5/ES.   |
| Czech      | 3Com Corporation tímto prohlašuje, že tento RLAN device je ve shodě se <b>základními</b> požadavky a <b>dalšími příslušnými</b> ustanoveními směrnice 1999/5/ES.                              |
| Slovene    | Šiuo 3Com Corporation deklaruoja, kad šis RLAN device atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.   |
| Lithuanian | Šiuo 3Com Corporation deklaruoja, kad šis RLAN device atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.   |
| Latvian    | <b>Ar šo</b> 3Com Corporation deklarē, ka RLAN device atbilst Direktīvas 1999/5/EK būtiskajām prasībām un citiem ar to saistītajiem noteikumiem.  |

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A copy of the signed Declaration of Conformity can be downloaded from the Product Support web page for the 3CRPCIG75 at <http://www.3com.com>.

Also available at [http://support.3com.com/doc/WL-549\\_EU\\_DOC.pdf](http://support.3com.com/doc/WL-549_EU_DOC.pdf)

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## EUROPE – RESTRICTIONS FOR USE OF 2.4GHZ FREQUENCIES IN EUROPEAN COMMUNITY COUNTRIES

- This device may be operated indoors or outdoors in all countries of the European Community using the 2.4GHz band: Channels 1 - 13, except where noted below.
- In Italy, the end-user must apply for a license from the national spectrum authority to operate this device outdoors.
- In Belgium, outdoor operation is only permitted using the 2.46 - 2.4835 GHz band: Channel 13.
- In France, outdoor operation is only permitted using the 2.4 - 2.454 GHz band: Channels 1 - 7.

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## CUMPRIMENTO DE RF NO BRASIL



Este produto está homologado pela ANATEL, de acordo com os procedimentos regulamentados pela Resolução 242/2000 e atende aos requisitos técnicos aplicados.

Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

Para maiores informações, consulte o site da ANATEL – [www.anatel.gov.br](http://www.anatel.gov.br)

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## **TAIWAN**

經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

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## **KOREA RF COMPLIANCE**

This device may cause radio interference during its operation. Therefore service in relation to human life security is not available.