

# 54g Wireless Notebook Network Card

Share your broadband Internet connection and files





BELKIN

belkin.com

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#### P74217

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## TABLE OF CONTENTS

Introduction
Overview
Features
Applications and Advantages
Product Specifications
System Requirements
Package Contents
Knowing your Card
Installing and Setting Up the Card
Software and Driver Installation
Connecting to your Wireless Network
Uninstalling the Software and Drivers
Using the Belkin Wireless LAN Configuration Utility13
The Wireless Networks Tab16
Encryption
The Link Status Tab
The Site Survey Tab
Diagnostics
Troubleshooting
Information

## INTRODUCTION

Thank you for purchasing the Belkin 54g Wireless Notebook Network Card (the Card). Now you can take advantage of this great new technology and gain the freedom you need around the home or office without using cables. The Wireless Notebook Network Card works like a conventional network card, but without the wires. The easy installation and setup will have you networking wirelessly in minutes. Please be sure to read through this manual completely to be sure that you are getting the most out of your Wireless Notebook Network Card.

## OVERVIEW

#### Features

The Card complies with the IEEE 802.11b standard in order to communicate with other 802.11b-compliant wireless devices at 11Mbps as well as other 54g products at 54Mbps that have the 54g<sup>™</sup> badge on the package.

54g products run at speeds of up to 54Mbps and operate on the same 2.4GHz frequency band as 802.11b Wi-Fi products.

- 2.4GHz ISM (Industrial, Science, and Medical) band operation
- Integrated easy-to-use Wireless Configuration Utility
- Wireless interface compliance with the IEEE 802.11b standard and 54g products
- PCMCIA interface, for operation in virtually any notebook computer
- 64 or 128-bit Wireless (WEP) Encryption
- Wireless access to networked resources
- Support for both Infrastructure and Ad-Hoc (peer-to-peer) networking modes
- Data rate of up to 54Mbps
   o Supports 11, 5.5, 2 or 1Mbps rates (802.11b)
   o Supports 54, 48, 36, 24, 18, 12, 9, or 6Mbps rates (54g)
- Easy installation and use
- Internal antenna
- LED power and network link indicators

## OVERVIEW

#### Applications and Advantages

- Wireless roaming with a laptop around the home or office Offers the freedom of networking without cables.
- Connection rates of up to 54Mbps

Provides immediate, higher-speed wireless connectivity at home, work, and hot spot locations without compromising the use of existing 802.11b products.

· Compatibility with 802.11b products

54g wireless LAN solutions are backward-compatible with existing Wi-Fi (IEEE 802.11b) products and with other products that display the 54g mark.

• Difficult-to-wire environments

Enables networking in buildings with solid or finished walls, or open areas where wiring is difficult to install.

· Frequently changing environments

Adapts easily in offices or environments that frequently rearrange or change locations.

#### • Temporary LANs for special projects or peak time

Sets up temporary networks such as at trade shows, exhibitions, and constructions sites, which need networks on a short-term basis; also companies who need additional workstations for a peak activity period.

SOHO (Small Office/Home Office) networking needs

Provides the easy and quick, small network installation SOHO users need.

## KNOWING YOUR CARD

#### OVERVIEW

#### **Product Specifications**

Host Interface:
Power Consumption:
Certification:
Operating Temperature:
Storage Temperature:
Humidity:
Typical Operating Range:

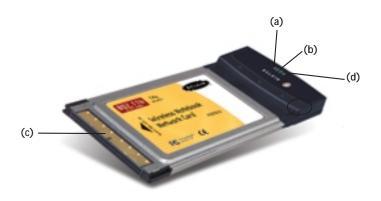
32-bit CardBus Tx/Rx peak 550/350mA @ 3.3VDC (max.) FCC Class B, CE Mark, C-Tick (0–85 degrees C) (-40–90 degrees C) Max. 95% (non-condensing) 802.11b: 590.6 ft. (180m) @ 11Mbps, 984.3 ft. (300m) @ 5.5 Mbps or lower 54g: 164 ft. (50m) @ 54Mbps, 492.1 ft. (150m) @ 18Mbps

#### System Requirements

- PC-compatible laptop with one available PCMCIA slot
- Windows® 98, 2000, Me, XP

#### Package Contents

- Belkin 54g Wireless Notebook Network Card
- Quick Installation Guide
- Installation Software CD
- User Manual



#### (a) Power LED

When the Card receives power, this light will be on.

#### (b) Link LED

When the Card has a link to a wireless network, the light will be solid. When not linked to a wireless network, the light will slowly flash.

#### (c) Card Connector

This is the side of the Card that fits into the PCMCIA slot of your laptop

(d) Antenna

Installing your Card is done in three easy steps.

- **1.** Install the software FIRST. If you plug your Card into your laptop before you install the software, it will not work.
- 2. Plug the Card into your laptop.
- 3. Let Windows operating system finish installing the Card.

Note: Install the software first before you install the card into your notebook.

#### Software and Driver Installation

- 1. Insert the CD into your CD-ROM drive.
- 2. The Belkin Wireless Notebook Network Card Setup Utility screen will automatically appear. If it does not appear within 15-20 seconds, then select your CD-ROM drive and double-click on the folder named "Files". Next double-click on the icon named "F5D7010W\_UTILITY.exe".
- **3.** In the menu window, drag your mouse over the "Install" button then select "Click here" to start the software installation program.



## INSTALLING AND SETTING UP THE CARD

4. The installer will start. If you are using Windows XP, it is recommended that you use the Belkin Wireless Notebook Network Card Utility to manage the Card's wireless settings. If you want to use Windows XP to manage the Card, check "Use the Windows XP Wireless Network Connection Utility". Instructions on how to use Windows XP's Connection Utility are available from Microsoft. Click "Next" to continue.



5. Accept the Belkin Software License Agreement by clicking the "YES" button.

Belkin Wireless Hetwork Adapter Driver	
License Agreement Peace read the lidewing license agreement caveluly	N
Press the PNGE DOwN key to see the set of the agreement.	
BELLIN CORPORATION Endline License Agreement	ŝ
Belia: Corporation (SBeliev) Hearts yourks choosing one of our products. This Endlitive Connon-Agreement (SAgreement ) contains the terms and conditions under which limited use of the product is location to you.	
PLEASE READ THIS NOTICE CAREFULLY	
DO NOT CLICK ON THE BUTTON BELOW THAT INDICATES THAT YOU ACCEPT	
Do you accept all the terms of the preceding Lismon Agreement? If you chosen No. the setup will close. To normal Belian Viseless Setup-utility, you must accept the agreement. InstaChoset	
CBack. Yes	•

6. Select a folder where you would like to install the program files. It is recommended that you use the default folder "C:\Program Files\Belkin\Belkin 54Mbps Wireless Utility\". Click "Next" to install the files.

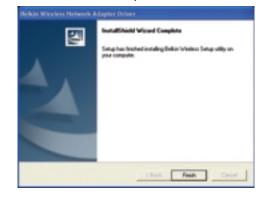
BELK
e program. You may type a ne on
Base

**7.** During the install process, you will be prompted to insert your Card. Insert the Card, label side UP, into your computer's PCMCIA slot firmly until it stops. The power light on the top will turn on when it is inserted properly.

Setup Status		BELKIN
Behin Weless S	rtup utility Setup is performing the requested operations.	
-	nert adopter new	8
C11/100	Insert PC Cardielle PCMCA dat nov	_
		_
utities)		Canoel

## INSTALLING AND SETTING UP THE CARD

**8.** After the software installation is complete, click "Finish". You are now ready to install the Wireless LAN notebook adapter hardware.



**9.** After connecting your Card, Windows will detect that new hardware has been installed. Depending on which version of Windows you are using, a window similar to the one pictured below will appear. Select the option that will automatically install the software.

Found New Hardware Wit	and .
	Welcome to the Found New Handware Wizard Thi ward lets you'rutil others for beta vision feltar tradeak Adams
	If your hardware came with an installation CD or Reppy date, insurt it now.
	What do you want the mised to do? Stated the software automatically (Recommended) Stated to continue.
	clast Ned Cavel

**10.** If you are using Windows 2000 or Windows XP, you may see a screen similar to the one below. This does not mean there is a problem. Select "Continue Anyway".



**11.** If you are using Windows 98 or Me, you will be asked to restart your computer. Select "Restart". If you are using Windows 2000 or XP, you will see a window similar to the one below. Click "Finish".



## INSTALLING AND SETTING UP THE CARD

**12.** When the installation is complete, a small icon in your system tray (bottom right corner of most screens) will appear. This is your shortcut to the Belkin WLAN Monitor. It also indicates the status of your connection.



Green Icon: Connected to a wireless network, good connection Yellow Icon: Connected to a wireless network, fair connection Red Icon: No connection to a wireless network

*Note:* The Wireless LAN Utility icon will also appear in your Control Panel. To open the Wireless LAN Utility, double-click on this icon.

#### Connecting to your Wireless Network

If you already have a wireless router or an access point in your home or office, the Card will automatically attempt to connect to your wireless network. In most cases, the Card will be able to connect to your network automatically. If your wireless network is using encryption, you will need to set the encryption settings of your Card to match that of your wireless network. For information about configuring your Card, see the next section in this manual.

#### Uninstalling the Software and Drivers

If you need to remove the software and drivers for any reason, you can easily accomplish this in one of two ways. You can insert the software CD and click on the "Uninstall" option in the menu, or you can go to the Windows Control Panel and select the "Add/Remove Programs" option. The Belkin Wizard will walk you through the removal process.

## USING THE BELKIN WIRELESS LAN CONFIGURATION UTILITY

Proceed with the following instructions for configuring your network profiles. The instructions explain how to open the Utility and how to use it to configure a network profile.

When you launch the Wireless LAN Utility (the Utility), you will be presented with the "Connect to Wireless Network" screen.

The following small icon will also be present in your system tray.



Once installed, the Wireless LAN Utility will automatically display when Windows boots up.

The Utility can be set to always show up in your system tray. You can hide the icon if you right-click on it in your system tray. Although no icon will be displayed, your preferred network will continue to be managed by the Card. The system tray icon can be re-enabled from the Wireless LAN Configuration Utility, available from the Control Panel.

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	19 1.00 PM

Single-clicking on the icon in the system tray will open the window.

*Note:* You may double-click on the Utility icon on your system tray to go directly to the "Advanced Configuration" window.

## USING THE BELKIN WIRELESS LAN CONFIGURATION UTILITY

The Utility will automatically detect all the 802.11b and 54g wireless networks in the area. Select an available listed network and click on the "Connect" button to connect to that network.

If the wireless network you want to connect with has WEP encryption enabled, the "Network key" text box will be active. Type the network key for that network to connect.

Click "Cancel" to exit.

The "Advanced" button will allow you to view and configure more options of your Card.

Connect to Wireless Network
The following network(s) are available. To access a network, select it from the list, and then click Connect.
Available networks:
♀ belkin54g
This network requires the use of a network key (WIDP). To access this network, type the key, and then click Connect.
Network key:
If you are having difficulty connecting to a network, click Advanced.
Advanced Connect Cancel

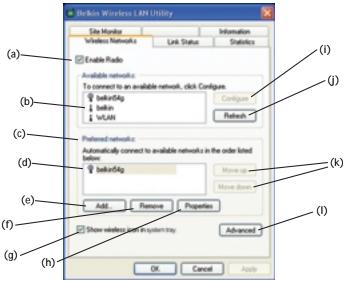
## USING THE BELKIN WIRELESS LAN CONFIGURATION UTILITY

**Note:** Under Windows XP, clicking on the "Advanced" button for the first time will display the following window. The "Use Windows to configure my wireless network settings" option will be enabled by default. Click on the check box to disable it and use the Belkin Wireless Network Utility instead.

Available netw	okz			-
Y bekir54 i bekin				Configure Refresh
Automatically			_	
i bekin				Nove up love down
Leiber	Reno	ve P		

## USING THE BELKIN WIRELESS LAN CONFIGURATION UTILITY

#### The Wireless Networks Tab



#### (a) Enable Radio

Use this option to toggle your wireless network radio ON or OFF. You may want to turn the radio off while in airplanes or to conserve the battery life of your mobile computer. When the radio is disabled, the power LED on your Card will turn off and the system tray wireless network icon will be depicted with an "X".

#### (b) Available Networks

This displays a list of all available wireless networks in your area. Select a network by clicking on the network name or click on the "Refresh" (j) button to rescan the area for available wireless networks to connect to.

Once you select a network, you can click on the "Configure" (i) button. Click "OK" in the "Wireless Network Properties" box. The network name and icon will appear at the top of the "Preferred Networks" (c) list. Wait up to one minute for the network connection to be made. Your computer is connected to the selected network when you see a blue bubble on top of the icon for that network.

## **USING THE BELKIN WIRELESS LAN UTILITY**

#### (c) Preferred Networks

Displays a list of the networks that you have configured. You may rank the networks by selecting the network name in the "Preferred Networks" list then clicking on the "Move UP" and "Move Down" buttons. Networks appearing higher on the list will be preferred over networks listed lower on the list. If a preferred network is unavailable, the Card will attempt to connect to the next available network on the list.

Note: You must click on the "Apply" button before any changes take into effect.

#### (d) Preferred Network

The blue bubble on top of the icon for that network specifies that you are currently connected to that network.

#### (e, f) Add, Remove

You may "Add" (e) and "Remove" (f) networks from the Preferred Networks list by using these buttons.

#### (g) System Tray Icon

Check this box so that the wireless icon appears on your system tray.

#### (h) Properties

To check the properties and WEP settings of the preferred network, select a network then click on the "Properties" button.

#### (I) Advanced

Allows you to filter the type of networks you want to connect to.

Any Available Network: When this option is selected, the Card will attempt to connect to any available network in the area. Access points will be preferred networks over ad-hoc networks.

Access Point Networks Only: When this option is selected, the Card will attempt to connect to any available access point in the area. Ad-hoc networks will be excluded from the list of available networks when this option is selected.

**Computer-to-Computer Networks Only:** When this option is selected, the Card will attempt to connect to any available ad-hoc network in the area. Access points will be excluded from the list of available networks when this option is selected.

Advanced	×
Networks to access	-
③ Any available network (access point preferred)	
O Access point (inhastructure) networks only	
Computer-to-computer (ad hoc) networks only	
Automatically connect to non-preferred networks	
Dose	

## USING THE BELKIN WIRELESS LAN UTILITY

#### Encryption

To configure a profile for a listed network that requires a WEP key:

**1.** After opening the Utility, select the network from the "Available networks" list and click "Configure".

Viceless Network Proj	perties 👔
Network name (SSID):	bekir64p
Wireless network key (W	01
This network requires a l	up for the following:
Data-encryption (W	EP enabled)
Network Authentic	ation (Shared mode)
Network key:	
Keylomat:	ASCII characters 🖌
Kay length:	104 bits (13 characters) 💌
Key index (advanced)	0.0
The key is provided it	or me automatically
This is a computer to-co access points are not u	ingular (ad hoc) network; windes and OK Cancel

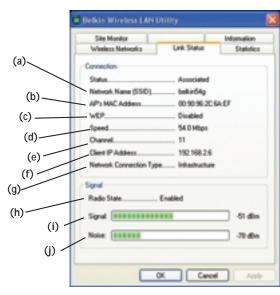
- 2. Select the "Data encryption (WEP enabled)" box.
- 3. Clear the "The key is provided for me automatically" box.
- 4. Type the network key in the "Network key" box.

**Note:** You do not need to select the "Key format" or the "Key length" before typing the network key. These settings automatically change to the appropriate setting as you type the network key.

5. Click "OK".

Note: You must click on the "Apply" button before any changes take into effect.

#### The Link Status Tab



#### (a) SSID

The SSID is the wireless network name. This field shows the current SSID with which the Card is associated. The Card will automatically look for any wireless network in the area. To connect to a specific wireless network, you can manually select the SSID of the known wireless network in the Wireless Networks tab.

#### (b) MAC Address

Shows the MAC address of the wireless network that you are connected to.

#### (c) WEP

Shows whether the network you are associated with has WEP encryption enabled or disabled.

#### (d) Speed

Displays the data rate of the current connection.

## **USING THE BELKIN WIRELESS LAN UTILITY**

#### (e) Channel

Shows the current channel the Card is operating on. When operating in Infrastructure mode, the channel is set automatically by the access point or wireless router that the Card is connected to. You cannot change the channels in Infrastructure mode. In Ad-Hoc mode, the channel can be set manually.

#### (f) Client IP Address

Shows the IP address of the your wireless client. The IP address is obtained automatically by default. You may set the IP address manually through Windows Networking Properties.

#### (g) Network Connection Type

Shows the current wireless mode the Card is operating in. There are two operating modes: Infrastructure and Ad-Hoc. Infrastructure is the most common mode to operate in. Infrastructure mode is used when connecting your PC to a wireless access point or to a wireless router. Ad-Hoc mode is used to connect two or more computers together without the use of an access point or wireless router.

#### (h) Radio State

Shows whether the IP address of your wireless client is enabled or disabled. The IP address is obtained automatically by default. You may set the IP address manually through Windows Networking Properties.

#### (i) Signal Strength

Displays the strength of the wireless signal from 0 to 100%. The closer to 100%, the better the signal strength is. The closer you are to a wireless router or access point, the stronger the signal should be.

#### (j) Link Quality (Noise)

Displays the amount of radio interference in the environment. Lower noise ratings are optimal.

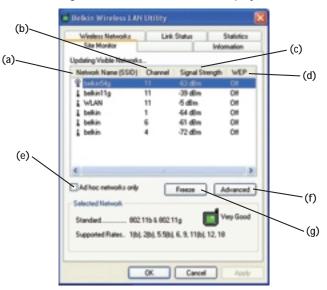
#### The Statistics Tab

The Statistics tab shows you how much data has been sent and received and if any errors occurred. This screen is mostly for diagnostics. Note that the number of data packets lost is recorded. A large number of lost data packets may indicate that there is a problem or interference in your area.

Site Monitor			Information
Weeless Networks	Lin	k Status	Statutics
Current activity			
Packets Sent	148		
Packets received	.143		
Packets lost	.0		
Accumulated totals			
Total packets sent	1250		
Total packets received.	4336		

## The Site Survey Tab

Clicking on the Site Survey tab will display a list of all available access points in your area. The following information about each is displayed:



## (a) SSID

The Service Set Identifier (wireless network name) of the access point.

#### (b) Channel Number

The current operating channel of the access point.

#### (c) Signal Strength

The signal strength of the related access point.

#### (d) WEP

Will display "Off" when encryption is disabled, "64-bit" when 64-bit encryption is enabled, and "128-bit" when 128-bit encryption is enabled.

#### (e) Ad-Hoc Networks Only

Check this box to display available ad-hoc networks only.

#### (f) Advanced

Displays additional information about the selected network.

#### (g) Freeze

Takes a "snapshot" of the signal strength at the time of the site survey. Click again to unfreeze.

## **USING THE BELKIN WIRELESS LAN UTILITY**

#### **Diagnostics Page**

This Page allows you to perform several diagnostic tests that are available for your Belkin Wireless Network adapter.

Waeless Networks Lin	k Status Statistics
Site Monitor Diagno	etics Information
Tests	Results
Control Registers	
SPROM Formal Validation	
Memory Tests	
Interrupt Test	
Loopback Test	
Salast All Chan All	Share Bure
	Stop Run
Select All Oear All Recommendations	Step Run
	Shop Run
Select All Clear All Recommendations	Stop Run
	Stop Bun
	Stop Run
	Step Run

#### **Control Registers**

This test verifies the read and write capabilities of the network controller registers by writing various values to the registers and verifying the result. The device driver uses these registers to perform network functions such as sending and receive information. If the test fails, the network adapter may not work properly.

#### **SPROM Format Version**

This test verifies the content of the SPROM by reading a portion of the SPROM and computing the checksum. The test fails if the computed checksum is different than the checksum stored in the SPROM.

#### **Memory Tests**

This tests verifies that the network controller internal memory is functioning properly. The test writes patterned values to the memory and reading back the results. The test fails if an erroneous value is read back. The network controller will not function without its internal memory.

#### Interrupt Test

This test verifies that the NDIS driver is able to receive interrupts from the network controller.

#### Loopback Test

This test verifies that the NDIS driver is able send packets and receive packets from the network controller.

#### LED Test

This test verifies that your 802.11 wireless networking hardware is functioning correctly.

## TROUBLESHOOTING

#### Cannot Connect to the Network

If your Card appears to be functioning properly but you cannot connect to the network, the problem may be that there is a mismatch between the "Network name (SSID)" and "Wireless network key (WEP)" settings in your wireless network properties and the name and WEP key of the network you are trying to connect to. The network name and WEP key are case-sensitive. Verify that the spelling and case of these parameters are correct and that the settings are exactly the same on all computers on the network.

If you have verified that the spelling and case of these parameters are correct and that the settings are exactly the same on all computers on the network and you are still unable to connect to the network, see "Performance and Connectivity Problems".

#### Problem or Symptom

The computers seem to be communicating, but they do not appear in the "My Computer" window or in the "My Network Places" window.

#### **Possible Solution**

#### Windows 2000 Environment

Verify that "File and Printer Sharing" is enabled on all the computers on your network.

From the desktop, click the "Start" button, go to "Settings", and click "Control Panel".

In Control Panel, double-click the "Network and Dialup Connections" icon.

In the "Network and Dial-up Connections" window, double-click the "Local Area Connection" icon.

In the "Local Area Connection Status" box, click "Properties".

In the "Local Area Connection Properties" box, verify that the "File and Printer Sharing for Microsoft Networks" check box is selected. If the check box is cleared, select it. If the check box is not present, click "Install". In the "Select Network Component Type" box, select "Service" and click "Add". In the "Select Network Service" box, select "File and Printer Sharing for Microsoft Networks" and click "OK". Close the "Local Area Connection Properties" box.

Close the "Local Area Connection Status" box.

Close the "Network and Dial-up Connections" window. 27

## TROUBLESHOOTING

The computers seem to be communicating, but they do not appear in the "My Computer" window or in the "My Network Places" window.

(Cont.)

#### Windows XP Environment

Verify that "File and Printer Sharing" is enabled on all the computers on your network.

From the desktop, click the "Start" button and click "Control Panel" (if you are looking at Category View, click "Switch to Classic View").

In Control Panel, double-click the "Network Connections" icon.

In the "LAN or High-Speed Internet" area, right-click "Wireless Network Connection" and click "Properties".

In the "Wireless Network Connection Properties" box, if the "General" tab is not on top, click the "General" tab.

In the "This connection uses the following items" list, verify that the "File and Printer Sharing for Microsoft Networks" check box is selected. If the check box is cleared, select it. If this item is not present, click "Install". In the "Select Network Component Type" box, select "Service" and click "Add". In the "Select Network Service" box, select "File and Printer Sharing for Microsoft Networks" and click "OK". Close the "Wireless Network Connection Properties" box.

Close the "Network Connections" window.

## Data transfer is sometimes very slow.

Microwave ovens and some cordless phones operate at the same radio frequency as the wireless network cards. When the microwave oven or cordless phone is in use, it interferes with the wireless network. Therefore, keep computers with the Card at least 20 feet away from your microwave oven and any cordless telephone that operates at a frequency of 2.4GHz.

## TROUBLESHOOTING

Data transfer is always very slow.	Some homes and most offices are steel-framed structures. The steel in such buildings may interfere with your network's radio signals, thus causing a slowdown in the data transmission rate. Try moving your computers to different locations in the building to see if performance improves.
Computers are not communicating with the network.	If your network has an access point, check all cables and make sure the power LED on the front of the access point is on.
In Windows 2000, I get the following error message: "Medium cable disconnected". Also, there is a red X on my network icon in the system tray.	This indicates that your computer is not properly configured to connect to the network. Verify that all of the wireless network properties settings are correct. Also, make sure that your computer is receiving a good signal from the access point.
Network performance is really slow when the system is connected to both a wireless network and an active Ethernet port. <i>Note: For Windows 2000 only.</i>	This condition occurs if your computer has an active Ethernet port while your Card is still active and connected to an access point. This happens because Windows 2000 must now handle two active network connections. You need to either disconnect the Ethernet cable from your computer, or disable the radio on your Card. To disable the radio on your Card, right-click on the Belkin Wireless Utility icon in the system tray and click "Disable Radio". <i>Note: The radio is not automatically enabled when your computer starts up again.</i> To enable the radio, right-click on the Belkin Wireless Utility icon and click "Enable Radio".
Technical Support	

#### Technical Support

You can find technical support information at www.networking.belkin.com or www.belkin.com through the tech support area. If you want to contact technical support by phone, please call 800-223-5546.

## INFORMATION

#### **FCC Statement**

#### DECLARATION OF CONFORMITY WITH FCC RULES FOR ELECTROMAGNETIC COMPATIBILITY

We, Belkin Corporation, of 501 West Walnut Street, Compton, CA 90220, declare under our sole responsibility that the product,

F5D7010

to which this declaration relates,

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.

#### Caution: Exposure to Radio Frequency Radiation.

The radiated output power of this device is far below the FCC radio frequency exposure limits. Nevertheless, the device shall be used in such manner that the potential for human contact normal operation is minimized.

When connecting an external antenna to the device, the antenna shall be placed in such a manner to minimize the potential for human contact during normal operation. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 0.5cm (0.2 inches) during normal operation.

#### 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 or television reception, which can be determined by turning 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 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.

#### Modifications

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

## INFORMATION

#### Canada- Industry Canada (IC)

The wireless radio of this device complies with RSS 139 & RSS 210 Industry Canada. This Class B digital complies with Canadian ICES-003.

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

#### **Europe-European Union Notice**

Radio products with the CE 0682 or CE alert marking comply with the R&TTE Directive (1995/5/EC) issued by the Commission of the European Community.



**(E** ①

Compliance with this directive implies conformity to the following European Norms (in brackets are the equivalent international standards).

- EN 60950 (IEC60950) Product Safety
- EN 300 328 Technical requirement for radio equipment
- ETS 300 826 General EMC requirements for radio equipment.

To determine the type of transmitter, check the identification label on your Belkin product.

Products with the CE marking comply with the EMC Directive (89/336/EEC) and the Low Voltage Directive (72/23/EEC) issued by the Commission of the European Community. Compliance with these directives implies

conformity to the following European Norms (in brackets are the equivalent international standards).

- EN 55022 (CISPR 22) Electromagnetic Interference
- EN 55024 (IEC61000-4-2,3,4,5,6,8,11)- Electromagnetic Immunity
- EN 61000-3-2 (IEC610000-3-2) Power Line Harmonics
- EN 61000-3-3 (IEC610000) Power Line Flicker
- EN 60950 (IEC60950) Product Safety

Products that contain the radio transmitter are labeled with CE 0682 or CE alert marking and may also carry the CE logo.



## INFORMATION

#### Belkin Corporation Limited Lifetime Product Warranty

Belkin Corporation warrants this product against defects in materials and workmanship for its lifetime. If a defect is discovered, Belkin will, at its option, repair or replace the product at no charge provided it is returned during the warranty period, with transportation charges prepaid, to the authorized Belkin dealer from whom you purchased the product. Proof of purchase may be required.

This warranty does not apply if the product has been damaged by accident, abuse, misuse, or misapplication; if the product has been modified without the written permission of Belkin; or if any Belkin serial number has been removed or defaced.

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33