

USING YOUR ROUTER

Click “Click here to enter your DNS Settings” to configure DNS information.

Either select or clear the “Automatic from ISP” check box. If you clear the check box, in the “DNS Address and Secondary DNS Address” fields enter the IP addresses of the primary DNS server and the secondary server (if available). At least enter one DNS server IP address.

Click “Apply Changes”.

If after a few minutes your Internet Status says “Connected”, you’re done! You can surf the Internet.

Telstra Bigpond/OptusNet Cable

Use this option for Bigpond Cable and OptusNet Cable connections only.

Cloning your MAC address

Belkin provides the ability to clone (copy) the MAC address of the computer into the Router. This MAC address, in turn, will be seen by the ISP’s system as the original MAC address and will allow the connection to work.

If you are not sure if your ISP needs to see the original MAC address, simply clone the MAC address of the computer that was originally connected to the modem. Cloning the address will not cause any problems with your network.

To Clone your MAC address, make sure that you are using the computer which was **ORIGINALLY CONNECTED** to your modem before the Router was installed. Click the “Clone” button and click “Apply Changes”. Your MAC address is now cloned to the Router.

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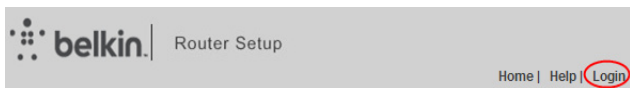
Configuring Basic Wireless Settings

You can view and specify the wireless security settings of your Router.

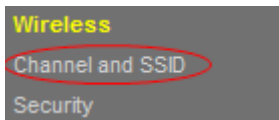
Setup steps:

Open a Web browser on the computer.

In the address bar of the Web browser, type `http://192.168.2.1`.



Click "Login" in the upper right corner of the page. The Router does not ship with a password, so just click "Submit".



Click on "Channel and SSID" in the left column under the "Wireless" heading.

Wireless > Channel and SSID

To make changes to the wireless settings of the router, make the changes here. Click "Apply Changes" to save the settings. [More Info](#)

Wireless Channel >	Auto	Current Channel > 10
Extension Channel >	Auto	Current Channel > 6
SSID >	belkin.4f4	
Wireless Mode >	802.11b & 802.11g & 802.11n	More Info
Bandwidth >	20/40MHz	
Broadcast SSID >	<input checked="" type="checkbox"/>	More Info
Protected Mode >	Off	More Info
802.11e/WMM QoS >	On	More Info

belkin.4f4

Configure the following parameters.

SSID: Set the wireless network name. The SSID can contain up to 32 alphanumeric characters. The default SSID is "belkin.###".

Broadcast SSID: If checked, the Router broadcasts its SSID in the wireless network, so that wireless clients can scan the SSID and access the wireless network under the SSID. The check box is selected by default. If the check box is cleared, only devices that know the

USING YOUR ROUTER

correct SSID can connect to the Router.

For the remaining settings, use the defaults.

The default channel is Auto.

It is unnecessary to change the wireless channel unless you notice interference problems with another nearby wireless Router or access point. Select a channel that is not being used by any other nearby wireless networks.

The default mode is 802.11b/g/n.

If you do not know which mode to use, select 802.11b/g/n.

The default bandwidth is 20/40MHz.

The default protected mode is Off.

In most situations, best performance is achieved with Protected Mode Off. If you are operating in an environment with HEAVY 802.11b traffic or interference, best performance may be achieved with Protected Mode On.

The default 802.11e/WMM QoS mode is On.

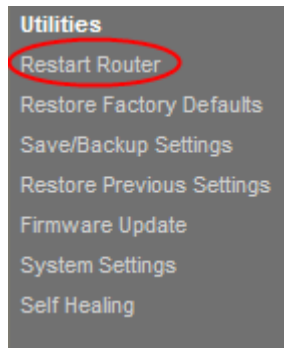
QoS prioritizes important data on your network such as multimedia content and voice-over-IP (VoIP) so it will not be interfered by other data being sent over the network.

Click "Apply Changes".

Restarting Your Router

Sometimes, in order to make some changes take effect, you need to restart the Router.

Setup Steps

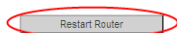


USING YOUR ROUTER

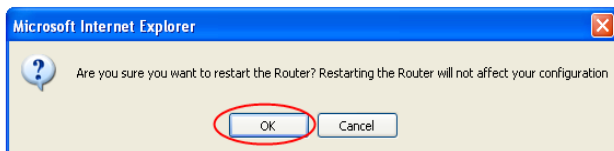
Click on “Restart Router” in the left-hand column under the “Utilities” heading.

Utilities > Restart Router

Sometimes it may be necessary to Restart or Reboot the Router if it begins working improperly. Restarting or Rebooting the Router will not delete any of your configuration settings. Click the “Restart Router” button below to Restart the Router.



Click on the “Restart Router” button toward the middle of screen.



A dialog box appears to ask you whether to restart the Router. Click the “OK” button to restart the Router.

Utilities > Rebooting

Router is rebooting seconds remaining.

After clicking the “OK” button, the Router begins to restart.

Restoring Your Router to Factory Defaults

Resetting the Router will restore the Router’s normal operation while maintaining the programmed settings. Reset the Router in rare cases when the Router may function improperly.

Using the Reset Button

Use the restore option in instances where you may have forgotten your custom password or when the Router may function improperly.

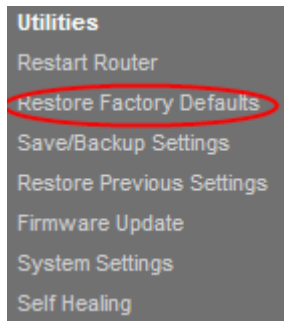
Push and hold the “Reset” button for 8-10 seconds, and then release it. The LAN light on the Router will momentarily flash and the WLAN light will turn out. When the LAN and WLAN lights become solid green again, the reset is complete.

Restoring the Router to Default Settings Using the Web Interface

You can also restore the factory defaults using the web interface. This may be because the Router is not performing as expected or you wish to remove all previously configured settings.

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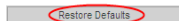
Setup Steps



Click on "Restore Factory Defaults" in the left-hand column under the "Utilities" heading.

Utilities > Restore Factory Defaults

Using this option will restore all of the settings in the Router to the factory (default) settings. It is recommended that you backup your settings before you restore all of the defaults. To restore the factory default settings, click the "Restore Defaults" button below.



Click on the "Restore Defaults" button.



A warning box will open that says, "Warning: All your settings will be lost. Are you sure you want to do this?" Click "OK".

The Router will begin the restoration process. Once the restoration process is complete, the Router will reboot.

Note: This may take several minutes.

Your Router has been successfully restored to its factory settings.

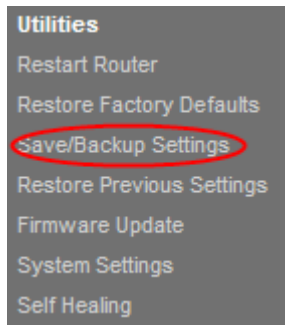
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Backing Up Your Configuration

The configuration settings of the Router are stored within the Router in a configuration file. You can back up (save) the file and retrieve it for later use.

We recommend that you back up your configuration file after you complete settings. If the Router fails or becomes corrupted, or an administrator password is lost, you can easily re-obtain your configuration by restoring the configuration file.

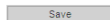
Setup Steps



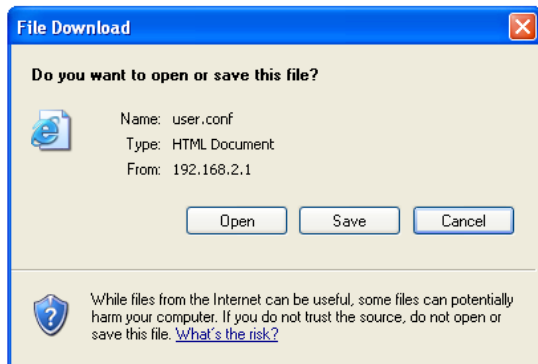
Click on “Save/Backup Settings” in the left-hand column under the “Utilities” heading.

Utilities > Save/Backup Current Settings

You can save your current configuration by using this feature. Saving your configuration will allow you to restore it later if your settings are lost or changed. It is recommended that you backup your current configuration before performing a firmware update.

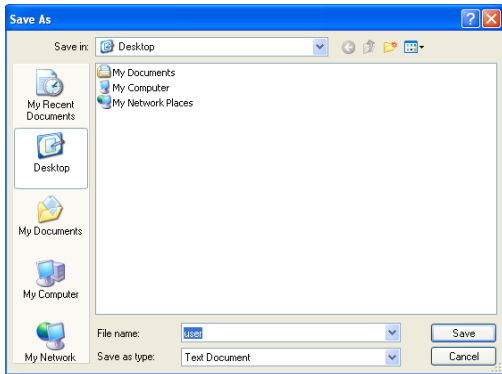


Click on the “Save” button.

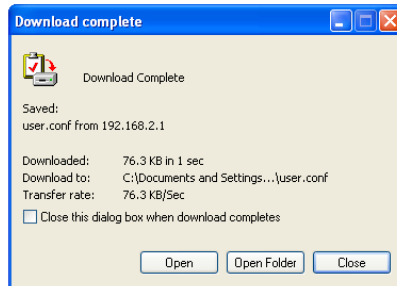


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A dialog box will open that says, “Do you want to open or save this file?” Click “Save”.



Select the location for saving the configuration file. Enter the file name and select the file type, then click the “Save” button.



When the download process is complete, click “Close”.

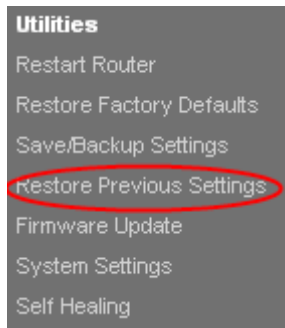
Your Router’s configurations have been successfully saved to your local PC.

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Restoring Previous Settings

Sometimes, you need to restore the previous settings. This may be because the Router is not performing as expected or you wish to remove all current settings.

Setup Steps



Click on “Restore Previous Settings” in the left-hand column under the “Utilities” heading.

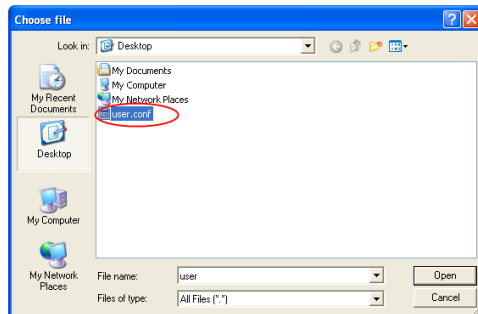
Utilities > Restore Previous Saved Settings

This option will allow you to restore a previously saved configuration.



Click the “Browse...” button toward the middle of the screen to search for the file you saved previously.

Note: The version of configuration file in the images below is depicted as an example. Your file name will vary depending on your model and version.



USING YOUR ROUTER

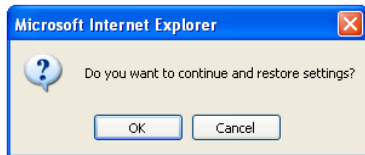
Select the configuration file by left-clicking on it and then click the “Open” button in the lower-right corner of the window. This will take you back into the Router’s interface.

Utilities > Restore Previous Saved Settings

This option will allow you to restore a previously saved configuration.



Click the “Restore” button.



A prompt asking, “Do you want to continue and restore settings?” will appear. Click “OK” and then the Router begins to restore the previous settings.



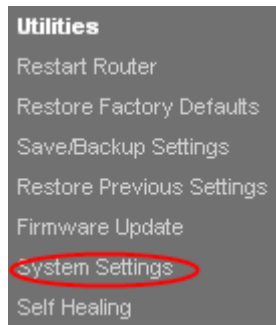
The previous settings have been restored successfully.

Enabling Auto Firmware Update for Your Router

The Router has the capability to automatically check for a newer version of firmware and alert you when it’s available. You can choose to download the new version or ignore it. By default this feature is enabled.

Note: We recommend you use a computer that has a wired connection to the Router.

Setup Steps:



USING YOUR ROUTER

Click on “System Settings” in the left-hand column under the “Utilities” heading.

Auto Update Firmware Enabling:

ADVANCED FEATURE! Allows you to automatically check the availability of firmware updates for your router. [More Info](#)

- Auto Update Firmware

Enable / Disable >

Enable Disable

Toward the lower-half side of the screen you will find “Auto Update Firmware Enabling”.

Select the “Enable” radio button.

Click “Apply Changes”.

Updating the Router’s Firmware

The following steps show you how to update your Router’s firmware using its Web interface.

Checking for New Firmware in the Firmware Upgrade Screen

N150 Router allows you to check for a new firmware update available for this Router.

Setup steps:

Utilities

Restart Router

Restore Factory Defaults

Save/Backup Settings

Restore Previous Settings

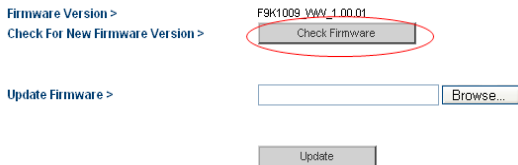
Firmware Update

System Settings

Self Healing

USING YOUR ROUTER

Click on “Firmware Update” in the left-hand column under the “Utilities” heading.



Click “Check Firmware” to check for new firmware versions.

If a new version is found, you can directly update your firmware by following the prompts.

Updating Manually to New Router Firmware

You can also manually update your Router firmware.

Setup Steps

Locate and download the firmware file from the Belkin support site. (Type your part number into the search box in the top right corner and look for “Firmware” in the title.)

Save the file to a location on your computer where you can get to it easily, such as your desktop.

Connect the computer to one of the four LAN ports on the Router.

Open a web browser on the computer.

In the address bar of the web browser, type “http://192.168.2.1” and press “Enter” on your keyboard.

Click “Login” in the upper right-hand corner of the page. The Router does not ship with a password, so just click “Submit”.

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Utilities

Restart Router

Restore Factory Defaults

Save/Backup Settings

Restore Previous Settings

Firmware Update

System Settings

Self Healing

Click on "Firmware Update" in the left-hand column under the "Utilities" heading.

Utilities > Firmware Update

From time to time, Belkin may release new versions of the Router's firmware. Firmware updates contain improvements and fixes to problems that may have existed. Click the link below to see if there is a new firmware update available for this Router.

NOTE: Please backup your current settings before updating to a new version of firmware. [Click Here](#) to go to the Save/Backup current settings page.

Firmware Version >

Check For New Firmware Version >

F5D8232-6_WW_1_00.01

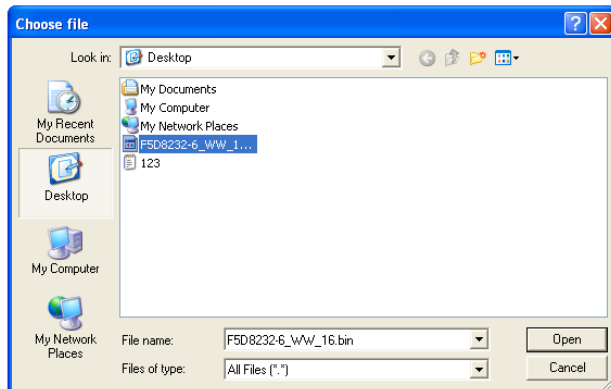
Check Firmware

Update Firmware >

Update

Click the "Browse..." button toward the middle of the screen to search for the file you saved previously.

Note: The firmware version in the images below is depicted as an example. Your file name will vary depending on your model and version.



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Select the firmware file (an “.img” file) by left-clicking on it and then click the “Open” button in the lower-right corner of the window. This will take you back into the Router’s interface.

Utilities > Firmware Update

From time to time, Belkin may release new versions of the Router’s firmware. Firmware updates contain improvements and fixes to problems that may have existed. Click the link below to see if there is a new firmware update available for this Router.

NOTE: Please backup your current settings before updating to a new version of firmware. [Click Here](#) to go to the Save/Backup current settings page.

Firmware Version >

FSK1009_VWW_1.00.01

Check For New Firmware Version >

Check Firmware

Update Firmware >

C:\Documents and Settings\Ad

Browse...

Update

Click the “Update” button.

Utilities > Firmware Update Successfully

Router is rebooting52seconds remaining.

Congratulations. The firmware has been updated successfully.

Configuring Administrator Password

The Router ships with NO password entered. If you wish to add a password for more security, you can set a password here. Keep your password in a safe place, as you will need this password if you need to log into the Router in the future. It is also recommended that you set a password if you plan to use the remote management feature of this Router.

Setup Steps:

Utilities

Restart Router

Restore Factory Defaults

Save/Backup Settings

Restore Previous Settings

Firmware Update

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Self Healing

USING YOUR ROUTER

Click on "System Settings" in the left-hand column under the "Utilities" heading.

[Utilities > System Settings](#)

Administrator Password:

The Router ships with NO password entered. If you wish to add a password for more security, you can set a password here. [More Info](#)

- Type in current Password>

- Type in new Password>

- Confirm new Password>

- Login Timeout>

1-99 minutes

Configuring the administrator password and login timeout.

Click "Apply Changes".

Configuring Time Zone

The Router keeps time by connecting to a Simple Network Time Protocol (SNTP) server. This allows the Router to synchronize the system clock to the global Internet. The synchronized clock in the Router is used to record the security log and control client filtering.

Select the time zone that you reside in. The system clock may not update immediately.

Setup Steps:

Utilities

Restart Router

Restore Factory Defaults

Save/Backup Settings

Restore Previous Settings

Firmware Update

System Settings

Self Healing

USING YOUR ROUTER

Click on "System Settings" in the left-hand column under the "Utilities" heading.

Time and Time Zone: January 01, 2011 9:54:47 PM

The Router ships with NO password entered. If you wish to add a password for more security, you can set a password here. [More Info](#)

- **Time Zone** > (GMT-08:00) Pacific Time, Tijuana ▾

- **Daylight Savings** > Automatically Adjust Daylight Saving

- **Primary NTP Server** > 192.43.244.18-North America ▾

- **Secondary NTP Server** > 132.163.4.102-North America ▾

Select the time zone that you reside in and the NTP server.

If you reside in an area that observes Daylight Saving, then place a checkmark in the box next to "Daylight Savings".

Click "Apply Changes".

Configuring Remote Management

Remote management allows you to make changes to your Router's settings from anywhere on the Internet. Before you enable this function, make sure you have set the administrator password.

Setup Steps:

Utilities

- Restart Router
- Restore Factory Defaults
- Save/Backup Settings
- Restore Previous Settings
- Firmware Update
- System Settings**
- Self Healing

USING YOUR ROUTER

Click on “System Settings” in the left-hand column under the “Utilities” heading.

Remote Management:

ADVANCED FEATURE! Remote management allows you to make changes to your Router's settings from anywhere on the Internet. Before you enable this function, **MAKE SURE YOU HAVE SET THE ADMINISTRATOR PASSWORD.** [More Info](#)

Any IP address can remotely manage the router.

- Only this IP address can remotely manage the router

- Remote Access Port>

If you select the “Any IP address can remotely manage the router” check box, you are allowed to access the Router from anywhere on the Internet by typing in your WAN IP address from any computer on the Internet.

If you do not select the “Any IP address can remotely manage the router” check box, specify an IP address to remotely manage the Router.

Note: Selecting “Only this IP address can remotely manage the router” is more secure, but less convenient.

In the “Remote Access Port” field, set the port number for accessing the router through remote Web management.

Click “Apply Changes”.

Configuring UPnP

UPnP (Universal Plug-and-Play) offers seamless operation of voice messaging, video messaging, games, and other applications that are UPnP compliant.

The Router ships with the UPnP feature enabled. If you are using any applications that are UPnP compliant and wish to take advantage of the UPnP features, you can enable the UPnP feature.

UPnP Enabling:

ADVANCED FEATURE! Allows you to turn the UPnP feature of the Router on or off. If you use applications that support UPnP, enabling UPnP will allow these applications to automatically configure the router. [More Info](#)

- UPnP Enable / Disable >

Enable Disable

To use the UPnP function, simply select the “Enable” radio button in the “UPnP Enabling” section of the “Utilities” > “System Settings” page.

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Configuring the Eco Mode

This function allows you to dim the LEDs on the front of the Router to save power and disable the wireless radio at predetermined times.

Setup Steps:

Utilities

- Restart Router
- Restore Factory Defaults
- Save/Backup Settings
- Restore Previous Settings
- Firmware Update
- System Settings**
- Self Healing

Click on “System Settings” in the left-hand column under the “Utilities” heading.

Select the “Disable radio from” to enable the Eco mode.

Specify the days you want to use the Eco mode.

Click “Apply Changes”.

Configuring Self Healing

The self healing function allows the Router to implement regular restart, reducing equipment function failure. You can arrange a schedule for Router’s auto initialization.

Setup Steps:

Utilities

- Restart Router
- Restore Factory Defaults
- Save/Backup Settings
- Restore Previous Settings
- Firmware Update
- System Settings
- Self Healing**

LED mode.

[More info](#)

Disable radio from To
except Su Mo Tu We Th Fr Sa

USING YOUR ROUTER

Click on “Self Healing” in the left-hand column under the “Utilities” heading.

Health > Regular Maintenance

Regular router re-initialization is helpful in maintaining a more problem free network.

Auto initialize my router>

Enabled Disabled

Set days>

SUN

MON

TUE

WED

THU

FRI

SAT

Set time>

03:30 AM ▾

Clear Changes

Apply Changes

Select the “Enabled” radio button to enable automatically initialization for your Router.

Specify the days and the time for automatically initialization.

Click “Apply Changes”.

TROUBLESHOOTING

I cannot browse the Web.

Make sure the Router is connected to your modem with an Ethernet cable via the Router's one WAN (modem) port.

Unplug the modem from its power source and make sure that it goes dark. Then reapply power to the modem.

Unplug your Router's power supply, wait 10 seconds, and plug it back in. This will cause the Router to try to reestablish communication with the modem.

I can't connect to the Internet wirelessly.

The Power and WLAN lights are solid green and your Router is connected to the Internet. However, you cannot connect to the Router's wireless network. Please refer to "Adding Computers to Your Network" in this manual for instructions.

I can't connect to the Internet wireless and my network name is not listed in Available Networks.

Verify that your Router is on and the Power, WLAN, and WAN lights on the front panel show solid green.

If you are far from the Router, you might try moving closer to see if you might have been out of range.

Using a computer attached to the Router via a network cable, visit <http://router/> and ensure that "Broadcast SSID" is On. This setting is found on the "Channel and SSID" page.

My wireless network performance is slow, inconsistent, suffers from weak signal, or I'm having difficulty maintaining a VPN connection.

Wireless technology is radio-based, which means connectivity and the throughput performance between devices decreases when the distance between devices increases. Other factors that will cause signal degradation (metal is generally the worst culprit) are obstructions such as walls and metal appliances. Note also that connection speed may decrease as you move farther away from the Router.

In order to determine if wireless issues are related to range, we suggest temporarily moving the computer within 10 feet from the Router if possible.

Changing the wireless channel—Depending on local wireless traffic and interference, switching the wireless channel of your network can improve performance and reliability. Visit <http://router/> and choose other channels on the "Channel and SSID" page under the "Wireless" heading.

Limiting the wireless transmit rate—Limiting the wireless transmit rate can help improve range and connection stability. Most wireless cards have the ability to limit the transmission rate. To change this property in Windows, go to the Windows Control Panel, open "Network Connections", and double-click on your wireless card's connection. In the properties dialog, select the "Configure" button on the "General" tab, then choose the "Advanced" tab and select the rate property.

Wireless client cards are usually set to automatically adjust the wireless transmit rate for you, but doing so can cause periodic disconnections when the wireless signal is too weak; as a rule, slower transmission rates are more stable. Experiment with different connection rates until you find the best one for your environment. Note that all available

TROUBLESHOOTING

transmission rates should be acceptable for browsing the Internet. For more assistance, see your wireless card's user manual.

I've installed this new Router and some of my network clients (computers, game consoles, ect) are now unable to connect.

Your new Router came pre-configured with a network name and password, found printed on an attached card. All clients must use this network name and password to connect wirelessly to your Router. You will need to find the network settings on your client, select the network name printed on the card from the list of available networks, and enter the password when prompted to join the wireless network.

Does the Router support Wireless Protected Access (WPA) security?

The Router ships with WPA/WPA2 security turned on. Windows XP and some older network hardware may require a software update to support WPA/WPA2.

I am having difficulty setting up WPA security on my Router.

Log in to your Router by visiting <http://router/> with your Web browser.

Click on the "Login" button in the top right-hand corner of the screen. You will be asked to enter your password. If you have never set a password, leave the "Password" field blank and click "Submit".

Click "Security" under the "Wireless" heading in the left-hand menu.

Select the "WPA-PSK+WPA2-PSK" option.

Enter a password. This can be from 8-63 characters of your choice, including spaces and punctuation, OR a 64-digit hexadecimal number (using only the numbers 0-9 and letters A-F).

Click "Apply Changes" to finish. Your wireless connection is now encrypted. Each computer using your wireless network will need to use the new key.

Note: If you are configuring the Router over a wireless connection, you will have to re-connect to the Router after changing any security settings.

Note: Some older networking hardware supports only WEP encryption. If your older computers cannot connect to your network, try 128-bit or 64-bit WEP, or seek software updates from their manufacturers.

TECHNICAL SUPPORT

US

<http://www.belkin.com/support>

UK

<http://www.belkin.com/uk/support>

Australia

<http://www.belkin.com/au/support>

New Zealand

<http://www.belkin.com/au/support>

Europe

<http://www.belkin.com/uk/support>

WARRANTY COVERAGE

What this warranty covers.

Belkin International, Inc. ("Belkin") warrants to the original purchaser of this Belkin product that the product shall be free of defects in design, assembly, material, or workmanship.

What the period of coverage is.

Belkin warrants the Belkin product for Limited 2-Year Warranty.

What will we do to correct problems?

Product Warranty.

Belkin will repair or replace, at its option, any defective product free of charge (except for shipping charges for the product). Belkin reserves the right to discontinue any of its products without notice, and disclaims any limited warranty to repair or replace any such discontinued products. In the event that Belkin is unable to repair or replace the product (for example, because it has been discontinued), Belkin will offer either a refund or a credit toward the purchase of another product from Belkin.com in an amount equal to the purchase price of the product as evidenced on the original purchase receipt as discounted by its natural use.

What is not covered by this warranty?

All above warranties are null and void if the Belkin product is not provided to Belkin for inspection upon Belkin's request at the sole expense of the purchaser, or if Belkin determines that the Belkin product has been improperly installed, altered in any way, or tampered with. The Belkin Product Warranty does not protect against acts of God such as flood, earthquake, lightning, war, vandalism, theft, normal-use wear and tear, erosion, depletion, obsolescence, abuse, damage due to low voltage disturbances (i.e. brownouts or sags), non-authorized program, or system equipment modification or alteration.

European Compliance Statement:

Belkin International hereby declares that this F9K1009 Wireless Router is in compliance with the essential requirements and other relevant provisions of the RTT&E Directive 1999/5/EC, the EMC Directive 2004/108/EC, and the Low Voltage Directive 2006/5/EC. Conformity was assessed using a Technical Construction File.

A copy of the European Union CE marking "Declaration of Conformity" may be obtained at the website: www.belkin.com/doc



For information on product disposal please refer to <http://environmental.belkin.com>



	1	2	3	4	5	6		
					Remark	Description	Editor	Date
A	<p>FCC Statement DECLARATION OF CONFORMITY WITH FCC RULES FOR ELECTROMAGNETIC COMPATIBILITY We, Belkin International, Inc., of 12045 E. Waterfront Drive, Playa Vista, CA 90094, declare under our sole responsibility that the device, F9K1009 V1, 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 a manner that the potential for human contact during 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 20cm (8 inches) during normal operation.</p> <p>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, and if not installed and used in accordance with the instructions, 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 the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:</p> <ul style="list-style-type: none"> • 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. <p>FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.</p> <p>IMPORTANT NOTE: Radiation Exposure Statement This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC RF exposure compliance requirements, please follow operation instructions as documented in this manual. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Operations in the 5.15-5.25GHz band are restricted to indoor usage only.</p> <p>FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. IC Statement: This Class B digital apparatus complies with Canadian ICES-003 Cet appareil numérique de la classe B conforme à la norme NMB-003 du Canada</p> <p>Industry Canada Statement This device complies with RSS-210 of the Industry Canada Rules. 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 the device. Cet appareil est conforme à la norme CNR-standards d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) le dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.</p>			<p>IMPORTANT NOTE: Radiation Exposure Statement: This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body.</p> <p>Déclaration d'exposition aux radiations: Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.</p> <p>Caution (i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems; (ii) high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.</p> <p>Avertissement: (i) les dispositifs fonctionnant dans la bande 5 150-5 250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux; (ii) De plus, les utilisateurs devraient aussi être avisés que les utilisateurs de radars de haute puissance sont désignés utilisateurs principaux (c.-à-d., qu'ils ont la priorité) pour les bandes 5 250-5 350 MHz et 5 650-5 850 MHz et que ces radars pourraient causer du brouillage et/ou des dommages aux dispositifs LAN-EL. This radio transmitter (IC: 3623A-F9K1009V1/ Model: F9K1009V1) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device. Cet appareil a été conçu pour fonctionner avec une antenne ayant un gain maximal de PCB dipole antenne avec dB [3.1]. Une antenne à gain plus élevé est strictement interdite par les règlements d'Industrie Canada. L'impédance d'antenne requise est de 50 ohms. Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émission par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante. Le présent émetteur radio (IC: 3623A-F9K1009V1/ Model: F9K1009V1) a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal. L'impédance requise pour chaque type d'antenne. Les types d'antenne non inclus dans cette liste, ou dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.</p>				
B								
C							8820 - 01259 Rev. A00 F9K1009v1	

NOTES(技术要求):

- External dimension(外尺寸): 120*120mm.
- Printing color(印刷颜色): black printing(黑色印刷).
- Material(材质): 128g copperplate paper(128g铜版纸).
- Coating(表面处理): Varnishing(过光油)——双面过光油.
- Output lpi(输出网线): 200 lpi.
- Tolerance(公差): L(长)*W(宽): ±1mm.
- Raw materials and the corresponding post processing should meet requirements defined in the T&W Environmental Protection Technical Standards.
(原材料及后处理工艺均能满足我司《环保技术标准》要求).

注: 仅供打样.

TOL±										CUSTOMER: Belkin		T&W 同维	
DIM						SHENZHEN GONGJIN ELECTRONICS CO., LTD.		TITLE: 彩页		MODEL: N150		PART NO: 61400000xxx	
RANGE	C1	C2	C3	C4	UNITS		mm	VER:	A0	DRAW	饶鸿		DATE: 14'02,25
0-6	0.1	0.1	0.15	0.2	MAT'L		/	SCALE	1:1	CHECK			
6-30	0.2	0.3	0.4	0.5	FINISH		/	SHEET	1/1	PDE			
30-80	0.25	0.5	0.9	1.2	ANG.TOL±		0°-30°/0.1°	30°-60°/0.3°		60°-90°/0.5°			
80-180	0.3	0.8	1.2	1.5									
180-315	0.5	1.3	1.8	3									
315-500	0.7	1.5	2.5	4									
500-800	0.9	1.8	3	5									

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