

Using the Web-Based Advanced User Interface

Utilities Tab

This screen lets you manage different parameters of the Router and perform certain administrative functions.

The screenshot shows the 'Utilities' tab in the Belkin Cable/DSL Gateway Router Setup Utility. The interface has a blue header with the Belkin logo and navigation links: Home, Help, Logout, and Internet Status. A left sidebar contains a menu with categories like LAN Setup, Internet WAN, Connection Type, Wireless, Firewall, and Utilities. The main content area is titled 'Utilities >' and contains a list of administrative functions with descriptions.

LAN Setup
LAN Settings
DHCP Client List
Internet WAN
Connection Type
DNS
MAC Address
Wireless
Channel and SSID
Security
Use as Access Point
Firewall
Virtual Servers
Client IP Filters
MAC Address Filtering
DMZ
WAN Ping Blocking
Security Log
Utilities
Restart Router
Restore Factory Default
Save/Backup Settings
Restore Previous Settings
Firmware Update
System Settings

Utilities >

This screen lets you manage different parameters of the Router and perform certain administrative functions.

- **Restart Router**
Sometimes it may be necessary to Reset or Reboot the Router if it begins working improperly. Resetting or Rebooting the Router will not delete any of your configuration settings.
- **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.
- **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.
- **Restore Previous Saved Settings**
This option will allow you to restore a previously saved configuration.
- **Firmware Update**
From time to time, Belkin may release new versions of the Router's firmware. Firmware updates contain feature improvements and fixes to problems that may have existed.
- **System Settings**
The System Settings page is where you can enter a new administrator password, set the time zone, enable remote management and turn on and off the NAT function of the Router.

Restarting the Router

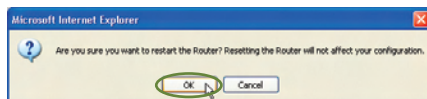
Sometimes it may be necessary to restart or reboot the Router if it begins working improperly. Restarting or rebooting the Router will NOT delete any of your configuration settings.

Restarting the Router to Restore Normal Operation

1. Click the “Restart Router” button.



2. The following message will appear. Click “OK”.



3. The following message will appear. Restarting the Router can take up to 25 seconds. It is important not to turn off the power to the Router during the restart.



4. A 25-second countdown will appear on the screen. When the countdown reaches zero, the Router will be restarted. The Router's home page should appear automatically. If not, type in the Router's address (default = 192.168.2.1) into the navigation bar of your browser.

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Restoring Factory Default Settings

Using this option will restore all of the settings in the Router to the factory (default) settings. It is recommended that you back up your settings before you restore all of the defaults.

1. Click the “Restore Defaults” button.



2. The following message will appear. Click “OK”.



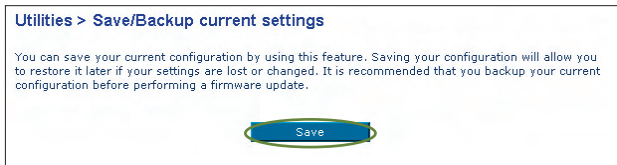
3. The following message will appear. Restoring the defaults includes restarting the Router. It can take up to 25 seconds. It is important not to turn the power to the Router off during the restart.



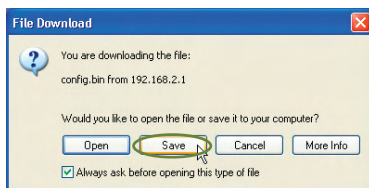
4. A 25-second countdown will appear on the screen. When the countdown reaches zero, the Router's defaults will be restored. The Router's home page should appear automatically. If it does not, type in the Router's address (default = 192.168.2.1) into the navigation bar of your browser.

Saving a Current Configuration

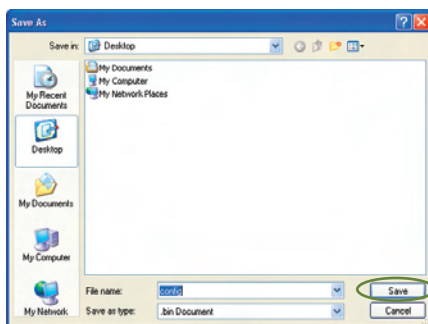
You can save your current configuration by using this feature. Saving your configuration will allow you to restore it later if your settings are lost or changed. It is recommended that you back up your current configuration before performing a firmware update.



1. Click "Save". A window called "File Download" will open. Click "Save".



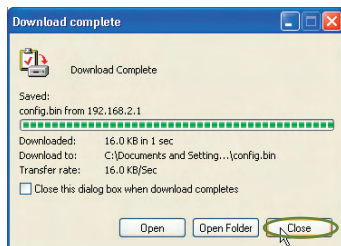
2. A window will open that allows you to select the location where you want to save the configuration file. Select a location. You can name the file anything you want, or use the default name "Config". Be sure to name the file so you can locate it yourself later. When you have selected the location and name of the file, click "Save".



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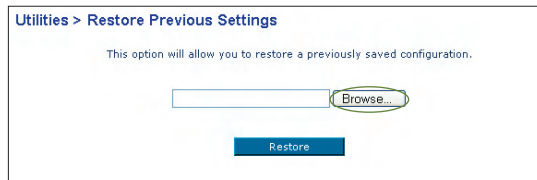
3. When the save is complete, you will see the following window. Click “Close”.

The configuration is now saved.

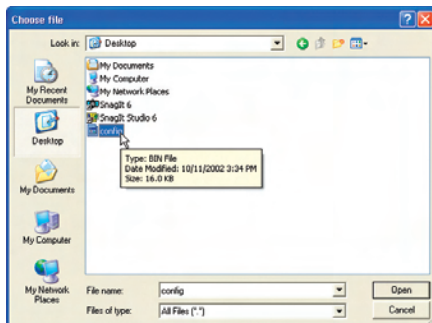


Restoring a Previous Configuration

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

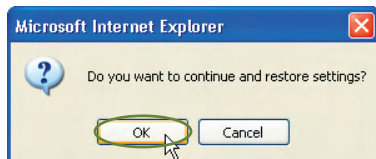


1. Click “Browse”. A window will open that allows you to select the location of the configuration file. All configuration files end with a “.bin”. Locate the configuration file you want to restore and double-click on it.

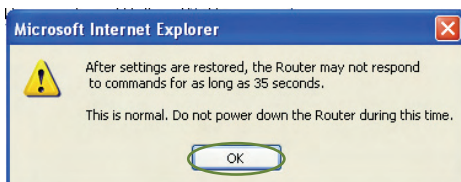


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2. You will be asked if you want to continue. Click “OK”.



3. A reminder window will appear. It will take up to 35 seconds for the configuration restoration to complete. Click “OK”.



4. A 35-second countdown will appear on the screen. When the countdown reaches zero, the Router's configuration will be restored. The Router's home page should appear automatically. If not, type in the Router's address (default = 192.168.2.1) into the navigation bar of your browser.

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Updating the Firmware

From time to time, Belkin may release new versions of the Router's firmware. Firmware updates contain feature improvements and fixes to problems that may exist. When Belkin releases new firmware, you can download the firmware from the Belkin update website and update your Router's firmware to the latest version.

Searching for a New Version of Firmware

From <http://www.belkin.com/support/downloads.asp>, type in the Belkin part number "F5D7231-4" in the "Search" field. Click "Search".

The screenshot shows the Belkin Support page. The search bar contains "F5D7231-4" and the "Search" button is highlighted. Below the search bar, there are links for "Warranty Support" and "Networking Support". To the right, there are "Browse Sections" including "Adapters", "Bluetooth", "Computer Accessories", "Gaming (Including Profiles)", "Keyboards & Mice", "Mac (older products)", "PDAs", "Packs", and "UPS".

From the results page, click "F5D7231-4 Firmware update - North America"

The screenshot shows the Belkin Support page for the "High-Speed Mode Wireless G Router". Under the "Downloadable Flash Install Guides" section, there are links for "Need help setting up your router?", "Need help setting up your Wireless Pre-N Notebook Card?", "Need help setting up your F5D7632-4 Modem / Router?", "Need help with the F5D7000 Wireless Network Adapter on Windows 98?", "Need help with the F5D7010 Wireless Notebook Adapter on Windows 98?", "Need help with the F5D7010 Wireless Notebook Adapter on Windows XP?", and "Need help with the F5D7050?".

Under the "Manuals and Drivers" section, there is a table with the following data:

OS	Download Name	Rev	Date	Size
Any	F5D7231-4 Firmware update - North America	5.01.05	1/23/2004	3.44 Mbytes
Any	F5D7231-4 Manual	5.01.05	1/23/2004	1.83 Mbytes
Any	F5D7231-4 Manual		1/27/2006	25.08 Mbytes

Under the "FAQ's" section, there are links for "F5D7231-4P - I can't print from one of the computers on my network. What do I do?", "F5D7231-4P - Getting the error message, 'Cannot find the Router' when running the Wizard", and "F5D7231-4P - Getting the error message, 'Cannot find the Router' when running the Wizard".

Under the "Contact Us" section, there are links for "By Phone (North America)" and "By Email".

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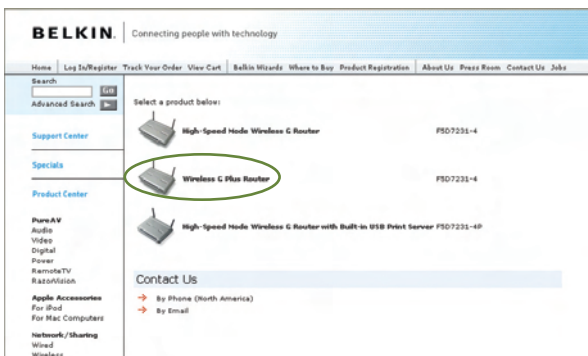
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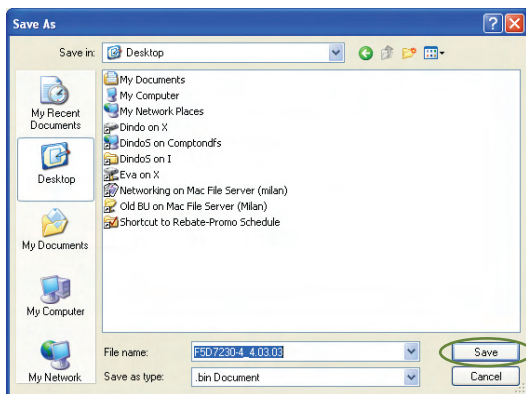
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Downloading a New Version of Firmware

You will now be taken to the download page of “F5D7231-4 Firmware update - North America”.

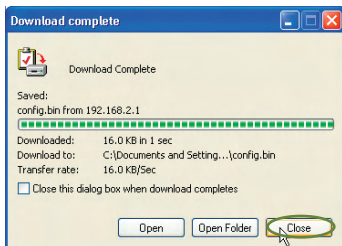


1. To download the new version of firmware, click the download logo (DL).
2. A window will open that allows you to select the location where you want to save the firmware file. Select a location. You can name the file anything you want, or use the default name. Be sure to save the file in a place where you can locate it yourself later.
Note: We suggest saving this to your desktop to make it easy to locate the file. When you have selected the location, click “Save”.



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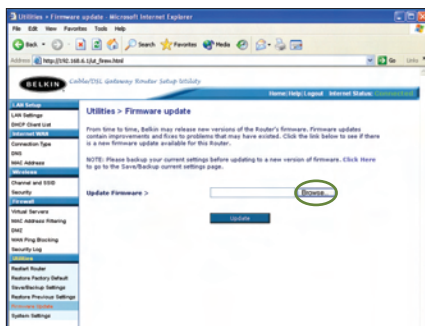
- When the save is complete, you will see the following window. Click “Close”.



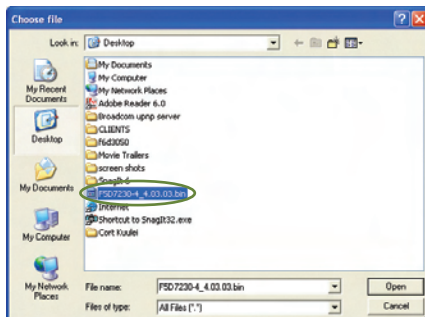
The download of the firmware is complete. To update the firmware, follow the next steps in “Updating the Router’s Firmware”.

Updating the Router’s Firmware

- In the “Firmware Update” page, click “Browse”. A window will open that allows you to select the location of the firmware update file.



- Browse to the firmware file you downloaded. Select the file by double-clicking on the file name.



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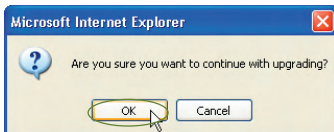
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section

3. The “Update Firmware” box will now display the location and name of the firmware file you just selected. Click “Update”.



4. You will be asked if you are sure you want to continue. Click “OK”.



5. You will see one more message. This message tells you that the Router may not respond for as long as one minute as the firmware is loaded into the Router and the Router is rebooted. Click “OK”.



6. A 60-second countdown will appear on the screen. When the countdown reaches zero, the Router's firmware update will be complete. The Router's home page should appear automatically. If not, type in the Router's address (default = 192.168.2.1) into the navigation bar of your browser.

The firmware update is complete.

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Changing System Settings

The “System Settings” page is where you can enter a new administrator password, set the time zone, enable remote management, and turn on and off the NAT function of the Router.

Setting or Changing the Administrator Password

The Router ships with NO password entered. If you wish to add a password for greater security, you can set a password here. Write down your password and keep it in a safe place, as you will need it 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 your Router.

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)

Changing the Login Time-Out Setting

The login time-out option allows you to set the period of time that you can be logged into the Router’s Web-Based Advanced User Interface. The timer starts when there has been no activity. For example, you have made some changes in the advanced setup interface, then left your computer alone without clicking “Logout”. Assuming the time-out is set to 10 minutes, then 10 minutes after you leave, the login session will expire. You will have to log into the Router again to make any more changes. The login time-out option is for security purposes and the default is set to 10 minutes.

Note: Only one computer can be logged into the Router’s Web-Based Advanced User Interface at one time.