How to upgrade firmware in DSL-xxx series router

WARNING: DO **NOT** upgrade the firmware through a **wireless** connection. You may damage the router. Note that you will have to reconfigure the router after upgrading.

FIRMWARE UPGRADE STEPS

First of all, please check the current firmware on your modem.

Open your web browser and enter the IP address of the router (<u>http://10.1.1.1</u>). Enter user name and password (default username and password are 'admin')

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DSL-G604T Admir	h Login
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Password:	•••••
	Remember my password
	OK Cancel

Click 'Status' button on the top and then check firmware version.

If the firmware is **V2.xx** or **V3.xx**, please kindly go to page 2 and use upgrade option (A). If the firmware is **V1.xx**, please kindly jump to page **8** and use upgrade option (B).

			ADSI	Router	
	Home	Advanced	Tools	Status	Help
Device Info	Device Inform	ation Firmware Versio	: V3.02B01T01.NZ.	20071120	
DHCP Clients	LAN				
	MAC Address	00:	05:5D:1F:FB:72		
	IP Address	193	2.168.3.1		
Log	Subnet Mask	25	5.255.255.0		
	DHCP Server	En	abled		
Statistics	NAT	En	abled		
	WAN				
ADSL	Virtual Circuit	Pvc0	*		
	Status	Connect	ed	Di	sconnect

Upgrade option (A)

Step 1. Download the .BIN (WEB) firmware file from <u>www.dlink.com.au/tech</u> Open you internet browser, type <u>www.dlink.com.au/tech</u> in the address line and hit enter. Select the model number of the product from the drop down list first, then click 'Go' button.

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8		🔹 🔮 Internet

Click DOWNLOADS folder of the product tree and choose select downloads for either **Australian** modem or **New Zealand** modem.



Check the hardware revision of your modem as per instructions on the '**how to check**' link. This will ensure that you download the correct firmware. Then click the 'Firmware' link.

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Address	http://www.dlink.com.au/tech/ 🕥 🔁 Go
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n	Downloads for REVISION C (GENERATION II) (How to check Revision, Generation). • Firmware • Manuals • Setup Guides Please note the REVISION of your product to select the correct download.
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Locate and download the WEB firmware. Please do NOT select the EXE firmware





Save the WEB firmware to your computer. You can save it to any folder.



Step 2. Factory reset the modem. Turn on the device and let it run for 2-3 minutes. Please use a small pin to hold down the button for 10 seconds and then release it. Wait for 2 minutes to allow the device restart. The reset button could be on the back on the back panel of the device, near the power socket. Or it could be on the side of the modem.





Step 3. Open an internet browser window and login to the modem's web interface on http://10.1.1.1 (please see page 1 if you are not sure how to do this). Click 'Tools' button on the top and then 'Firmware' button on the left.

	Home	Advanced	Tools	Status
Admin Time Remote Log	Firmware U There may be ne upgrade the firm you have found t	pgrade ew firmware for your DSL-5 ware,locate the upgrade fi the file to be used,click the	i04T to improve fur le on the local har Apply button belov	nctionality and performar d drive with the Browse k v to start the firmware up
System Firmware	Note: The system	Current Firmware Ver	rsion : V3.02B01 the firmware upgra	T01.NZ.20071120 Browse ade.

Step 4. Click the Browse button, via the dialog that pops up, browse for the .BIN (WEB) Firmware file that you downloaded earlier. Highlight the file, and then click on the Open button on the dialog box





Step 6. The router Configuration page will show the location of the file you are using. Note: Ensure that the correct file has been selected. Click on the Apply button.



Step 7. The router will begin the update to the new firmware. Note: It is important to not disrupt this process.

Step 8. When the firmware has been successfully applied, the Configuration Page will return to the main Configuration screen when you first successfully login. You can ensure that the firmware upgrade was successful by clicking on the Status Menu, and referring to the Firmware version which is displayed at the top of the Status Menu.

Home	Advanced	Tools	Status	Help
Info Device Inform	ation Firmware Versio	n :		
LAN				Į
MAC Address	00:	05:5D:1F:FB:72		
IP Address	193	2.168.3.1		
Subnet Mask	255	5.255.255.0		
DHCP Server	En	abled		
NAT	En	abled		
WAN				
Virtual Circuit	Pvc0	~		
Status	Connect	ed		Disconnect



Step 10. Once the firmware upgrade is successful, please perform again a factory reset. It will be the same as setp 2.



Step 11. Please reconfigure the modem. Select the 'HOME' tab and click 'Run Wizard' button.

Troubleshooting:

- If you see 'Invalid File' message when loading firmware, please make sure that you have downloaded the correct firmware for the correct product model. If the firmware file came in compressed (.ZIP) format please extract (de-compress) the firmware file. You can do it using free utility available at www.winzip.com.

- If you have problems with logging into the router's web configuration, unplug the power to the router, wait 10 seconds, and plug back in. Repeat the firmware upgrade steps. If this did not help, perform a hard reset on the router. To perform a hard reset, use a paperclip and hold down the reset button on the back of the unit for 10 seconds while the device is powered on. Release it and the router will reboot, the lights will blink, and then stabilize. Repeat the firmware upgrade steps.



Upgrade option (B)

You can only perform upgrade option (B) on windows XP or 2000 computers. It will NOT work on Mac or windows Vista

Step 1. Download the .EXE firmware file from www.dlink.com.au/tech

Open you internet browser, type <u>www.dlink.com.au/tech</u> in the address line and hit enter. Select the model number of the product from the drop down list first, then click 'Go' button.



Click DOWNLOADS folder of the product tree and choose select downloads for either **Australian** modem or **New Zealand** modem.

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ADSL2 Support	To find the solution 1. Select your produ 2. Click the "go" but 3. Once the folder tr
E Click'n'Connect Wizard I Connect to Internet	If you are looking for the latest Downloads folder. Alternativel ftp://files.dlink.com.au/products
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Check the hardware revision of your modem as per instructions on the '**how to check**' link. This will ensure that you download the correct firmware. Then click the 'Firmware' link.

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Address	http://www.dlink.com.au/tech/ 🕥 🔁 Go
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n	Downloads for REVISION C (GENERATION II) (How to check Revision, Generation). • Firmware • Manuals • Setup Guides Please note the REVISION of your product to select the correct download.
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Locate and download the EXE firmware. Please do NOT select the WEB firmware

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Firmware	
Firmware v2.00B13.AU EXE (2775 KB)	DOWNLOAD
Firmware v2.00B13.AU NEB (2134 KB)	DOWNLOAD
READ ME - ADSL2(+) Firmware.txt (3 KB)	DOWNLOAD -
READ ME - How to Recover Router (186 KB)	DOWNLOAD
Release Notes.txt (2 KB)	DOWNLOAD
OTHER DOWNLOADS	
Manuals	
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Save the EXE firmware to your computer. You can save it to any folder.



Step 2. Factory reset the modem. Turn on the device and let it run for 2-3 minutes. Please use a small pin to hold down the button for 10 seconds and then release it. Wait for 2 minutes to allow the device restart. The reset button could be on the back on the back panel of the device, near the power socket. Or it could be on the side of the modem.





Step 3 Connect the modem/router directly to your computer via network cable (do not use wireless connection).

Step 4 !!!IMPORTANT!!! You must assign a static IP address to your PC before upgrading the firmware, otherwise it will corrupt your unit.

Go to Control Panel > Network Connections > Local Area Connection > Properties:



Select Internet protocol TCP/IP and click on Properties:

🚣 Local Area Connection Properties 🛛 🔹 🔀
General Authentication Advanced
Connect using:
Realtek RTL8139 Family PCI Fast Et
This connection uses the following items:
Client for Microsoft Networks
🗹 🚚 File and Printer Sharing for Microsoft Networks
🗹 🚚 QoS Packet Scheduler
Internet Protocol (TCP/IP)
Install Uninstall Properties Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.
Show icon in notification area when connected Notify me when this connection has limited or no connectivity
OK Cancel



Select the "Use the following IP address" and "Use the following DNS" options. Specify the TCP/IP settings you want to use: IP address: 10.1.1.5 Subnet mask: 255.0.0.0 Default Gateway: 10.1.1.1 Preferred/Alternate DNS: 202.129.64.198 / 4.2.2.3 (or whichever your provider is using).

nternet Protocol (TCP/IP) P	roperties 🔹 🛛 💽
General	
You can get IP settings assigned this capability. Otherwise, you ne the appropriate IP settings.	automatically if ycur network supports ed to ask your network administrator for
Obtain an IP address autom	atically
O Use the following IP address	s:
<u>I</u> P address:	10 . 1 . 1 . 5
S <u>u</u> bnet mask:	255.0.0.0
Default gateway:	10 . 1 . 1 . 1
O Obtain DNS server address	automatically
✓ ● Use the following DNS serv	er addresses:
Preferred DNS server:	202 . 129 . 64 . 198
Alternate DNS server:	4.2.2.3
	Ad <u>v</u> anced
	OK Cancel

Click on **OK** and then **OK** again.

Step 5 Disable Firewall/Antivirus software on your computer.

Step 6 Double click the EXE firmware you have downloaded. When prompted, enter the modem/router's IP address (10.1.1.1) and username/password (admin/admin). And then click 'Next'.

- Do not turn the unit off while loading firmware.

🗞 DSL-504T Firmware Upgrade Utility	
This utility will upgrade the firmware of your modem.	
Please enter the device's ip address and its telnet password below, and then click the Next button (if the image was corrupted, please check the Corrupted-image mode).	
Device IP:	10 · 1 · 1 · 1
Password:	XXXXX
	Corrupted-image mode
V2.00B13.AU_20070425	Next>>



Step 7. Once the firmware upgrade is successful, please perform again a factory reset. It will be the same as setp 2.



Step 8. Please reconfigure the modem. Select the 'HOME' tab and click 'Run Wizard' button.

Troubleshooting:

- If you have problems with logging into the router's web configuration, unplug the power to the router, wait 10 seconds, and plug back in. Repeat the firmware upgrade steps. If this did not help, perform a hard reset on the router. To perform a hard reset, use a paperclip and hold down the reset button on the back of the unit for 10 seconds while the device is powered on. Release it and the router will reboot, the lights will blink, and then stabilize. Repeat the firmware upgrade steps.

