

eTEC

**ADSL2/2+
54 Mbps WIRELESS
MODEM/ROUTER
4 PORT ETHERNET SWITCH**

QUICK START GUIDE

www.etec-components.co.uk

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This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. There are separate collection systems for recycling in the EU.

For more information, please contact the local authority or your retailer where you purchased the product.

1. Panel Descriptions

1.1 Back Panel:

The back panel of the Etec 4 Port 11g Wireless ADSL2/2+ Router contains ADSL, Ethernet Switches, Reset Button, Power Adaptor connection and 2.4GHz Dipole Antenna Connector.



ADSL	Port for connecting to the ADSL/ADSL2/ADSL2+ Service Provider.
Ports 1~4	Four 10/100Mbps Ethernet Ports for connecting to the network devices.
Power	Power adapter connector.
Antenna	2.4GHz dipole Antenna.
Reset button	Restore the 4-port 11g wireless ADSL 2/2+ Router to factory default setting.



All Ethernet ports of the 4 Port 11g Wireless ADSL2/2+ Router support auto-crossover capability.



RESET Button:
Reboot & Restore the 4 Port 11g Wireless ADSL2/2+ Router to factory default.

To “**Reset**” the Etec 4 Port 11g Wireless ADSL2/2+ Router to factory default:

- Ensure that the device is powered on.
- Press the Reset button for 10~15 seconds and release. Wait for 30 seconds after releasing the Reset button. Do not power off the device during the reset process.
- The default settings should now be restored.

1.2 Front Panel:

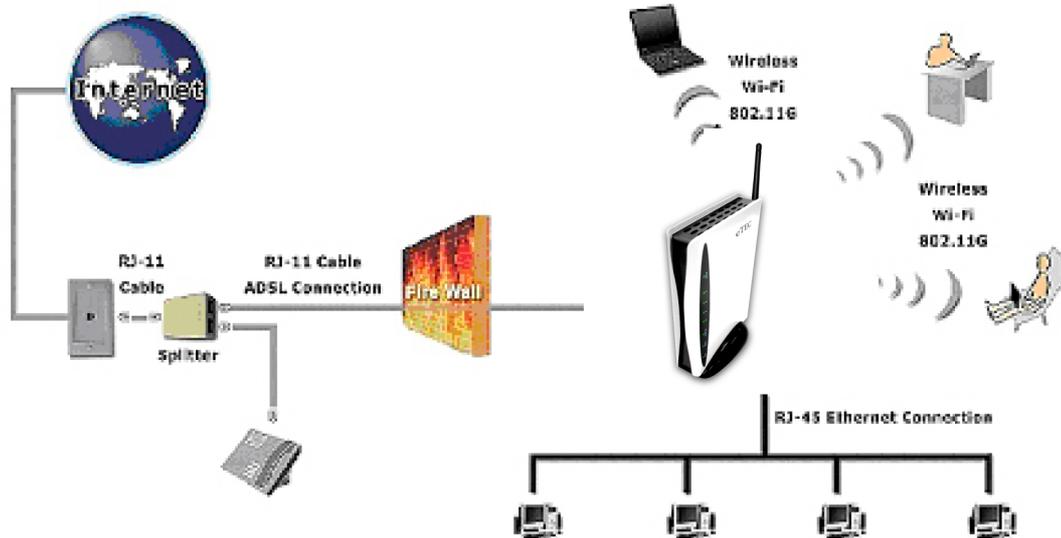
The Etec 4 Port 11g Wireless ADSL2/2+ Router's LED indicators display information about the device's status.



PWR	Lights up when the 4 Port 11g Wireless ADSL2/2+ Router is powered on.
WL ACT	Lights up when the Wireless system is ready.
	Blinks when 4 Port 11g Wireless ADSL2/2+ Router is sending or receiving data.
1	Blinks when Port 1 of this 4 Port 11g Wireless ADSL2/2+ Router is sending or receiving data.
2	Blinks when Port 2 of this 4 Port 11g Wireless ADSL2/2+ Router is sending or receiving data.
3	Blinks when Port 3 of this 4 Port 11g Wireless ADSL2/2+ Router is sending or receiving data.
4	Blinks when Port 4 of this 4 Port 11g Wireless ADSL2/2+ Router is sending or receiving data.
ADSL	Light is solid when a successful ADSL2/2+ connection is established.
	Blinks when the 4 Port 11g Wireless ADSL2/2+ Router is attempting to sync up.
PPP	Lights up when a PPP connection is established.

2. Connecting the Etec 4 Port 11g Wireless ADSL2/2+ Router

2.1 Connection Mechanism:



This section describes the hardware connection mechanism of your Etec 4 Port 11g Wireless ADSL2/2+ Router.

Before you can establish an Internet connection through your Etec 4 Port 11g Wireless ADSL2/2+ Router make sure you have the following:

1. A Computer or Notebook with an installed Network Adaptor (sometimes called an Ethernet Adaptor, Network Card or NIC)
2. An ADSL service account and configuration information provided by your Internet Service Provider (ISP). You should need only a **User Name and Password**, but you can check with your ISP to see if you require any of the other following configuration parameters to connect your Etec 4 Port 11g Wireless ADSL2/2+ Router to the Internet :
 - a. **ISP User Name and Password**
 - b. VPI/VCI parameters
 - c. Multiplexing Method
 - d. Host and Domain Names
 - e. ISP Domain Name Server (DNS) Address
 - f. Fixed or Static IP Address.

2.2 Connection Steps:

The following are the steps to properly connect your Etec 4 Port 11g Wireless ADSL2/2+ Router:

1. Turn off your computer.
2. If you do not have an ADSL faceplate installed by your service provider, you must ensure ADSL splitters (also called microfilters or filters) are fitted to **all** telephone sockets in use.
3. Connect the supplied ADSL RJ-11 cable from the splitter/filter of your chosen telephone socket (or ADSL faceplate if you have one) to the **ADSL** Port of your Etec 4 Port ADSL2/2+ Router.
4. Connect the Ethernet cable (RJ-45) from one of the Ethernet ports of your Etec 4 Port 11g Wireless ADSL2/2+ Router to the Network Adaptor in your computer.
5. Connect the Power adaptor to the Etec 4 Port 11g Wireless ADSL2/2+ Router and plug the other end into a Power outlet. Power up the unit.



The Power light will come on after turning on the Etec 4 Port 11g Wireless ADSL2/2+ Router.

Auto and self-diagnostic process might turn the LED indicators ON and OFF during power up.

6. Turn on your computer. Please allow up to 45 seconds for your Network Adaptor to locate the Router.
7. Refer to Chapter 3 if you need to setup or configure your computer's Network Adaptor (see Setting up the TCP/IP)
8. Refer to Chapter 4 to configure your Etec 4 Port 11g Wireless ADSL2/2+ Router.

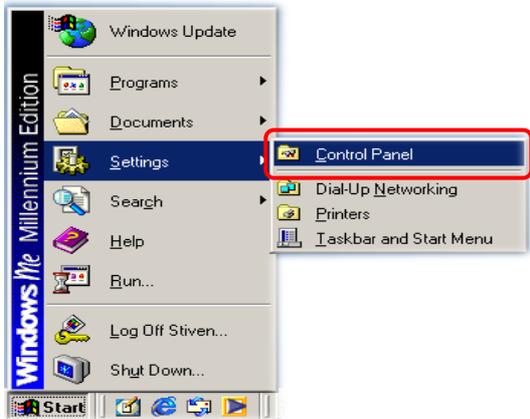


All the configuration/setting procedures described in this Quick Start Guide are run through the RJ-45 Ethernet connection. For Wireless settings, please refer to the user manual on the CD provided for details.

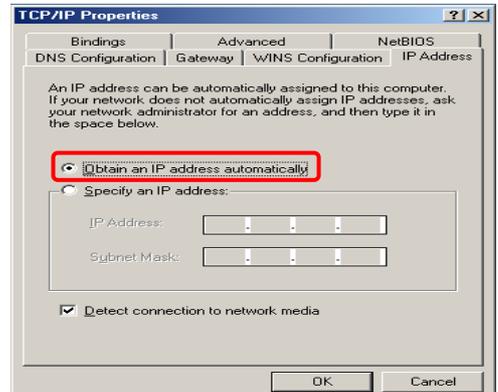
3. Setting up the TCP/IP

Windows Me / 98

Step 1: Click **Start**→**Settings**→**Control Panel**.



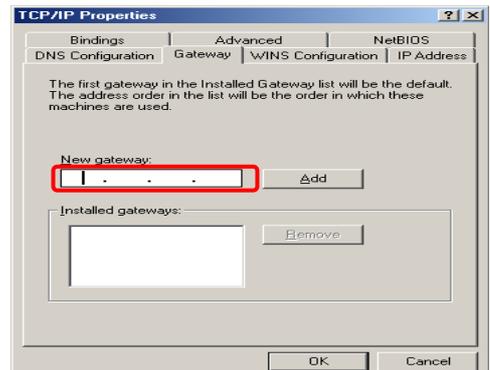
Step 4: Go to IP Address icon and select **Obtain an IP address**.



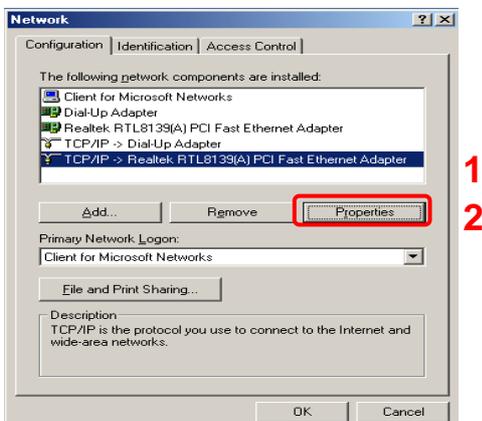
Step 2: Double-click the **Network** icon.



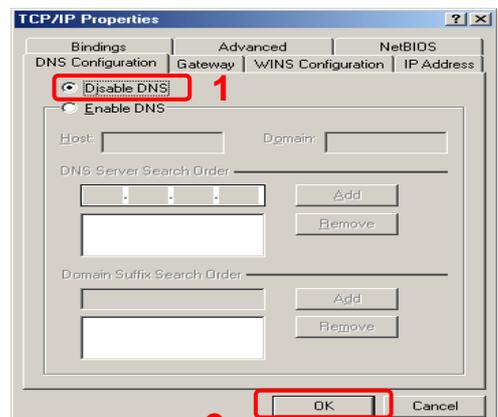
Step 5: Go to Gateway icon and erase all previous setting.



Step 3: Go to Configuration icon, select network adapter installed and click **Properties**.

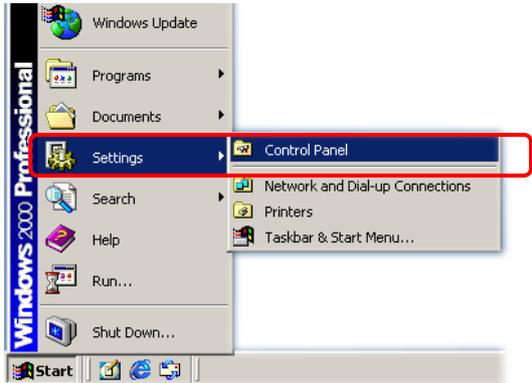


Step 6: Go to DNS Configuration icon, select **Disable DNS** and click **OK**.



Windows 2000

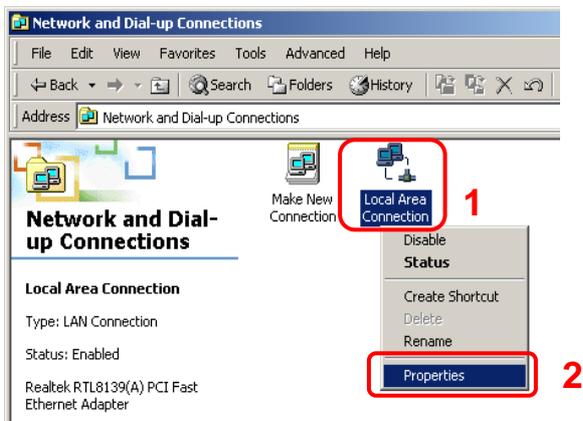
Step 1: Click **Start**→**Settings**→**Control Panel**.



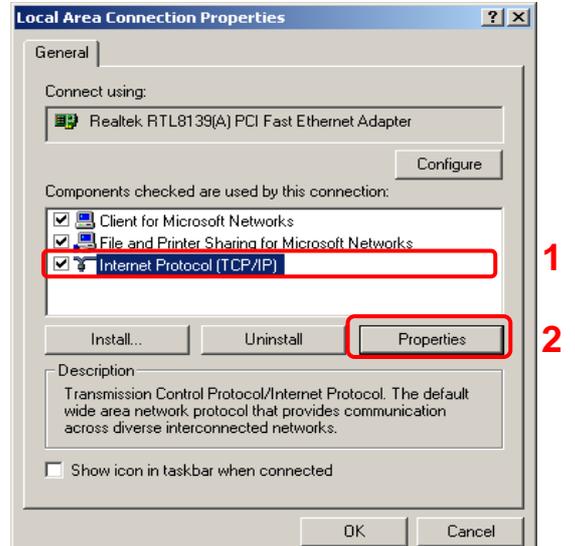
Step 2: Double-click the **Network and Dial-up Connections**.



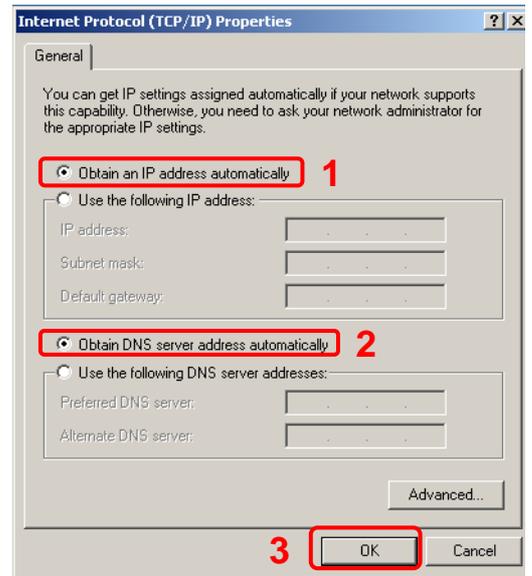
Step 3: Right Click the **Local Area Connection** and select **Properties**.



Step 4: Select **Internet Protocol (TCP/IP)** and click **Properties**.

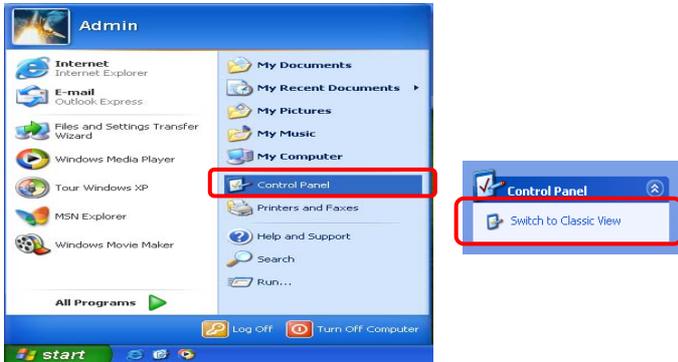


Step 5: Select **Obtain an IP address automatically** and **DNS server address automatically**. Then, click **OK**.

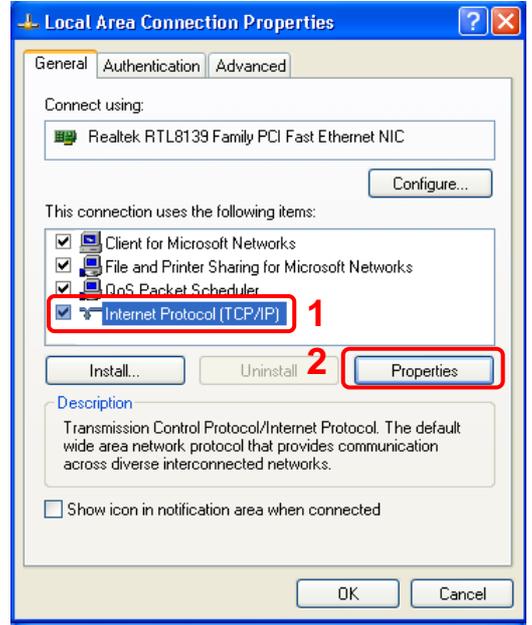


Windows XP

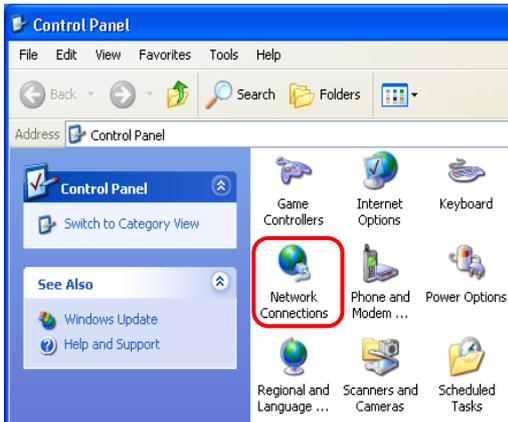
Step 1: Click **Start**→**Control Panel**→**Classic View**.



Step 4: Go to General icon, select **Internet Protocol (TCP/IP)** and click **Properties**.

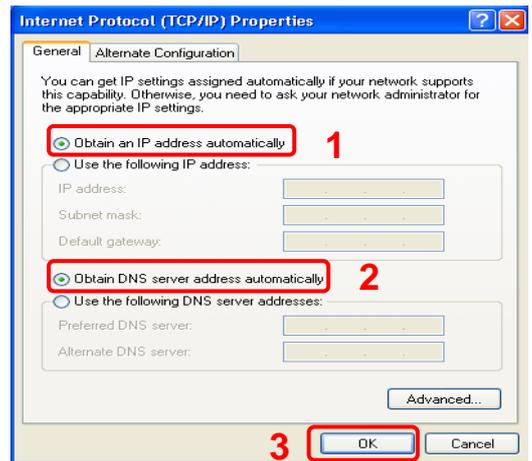
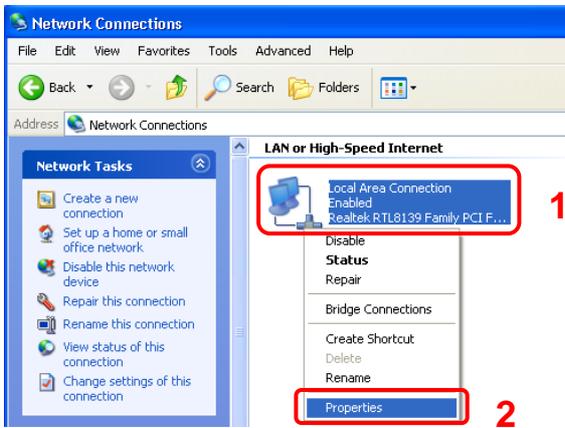


Step 2: Double-click the **Network Connections**.



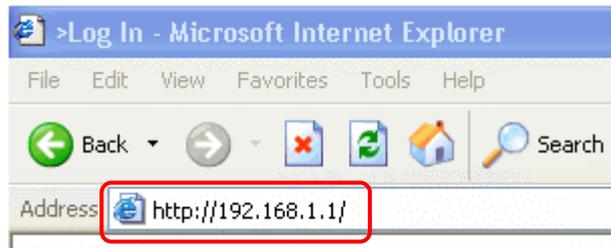
Step 5: Go to General icon, select **Obtain an IP address automatically** and **DNS server address automatically**. Then, click **OK**.

Step 3: Right Click on the **Local Area Connection** and select **Properties**.



4. Setting up the Etec 4 Port 11g Wireless ADSL2/2+ Router

1. Launch your web browser, and enter the Etec 4 Port 11g Wireless ADSL2/2+ Router's IP Address: **"192.168.1.1"** in the address field then press the **"Enter"** key to login.



If you have old dial-up account settings, please correct the following settings in your Internet Explorer as follows:

- a). In Internet Explorer click on 'Tools'.
- b). Click on 'Internet Option'.
- c). Click on the 'Connections' tab.
- d). Click on 'Never dial a connection' button.
- e). Click on the 'Apply' button to complete the process.

2. Enter the default **User Name: "admin"** and **Password: "admin"**. Then press **"OK"** to login.



Note that the Username and Password are case sensitive.

- Upon entering the address into the web browser, the system **HOME** page with all the device information will pop up.

The screenshot shows the web interface for an ADSL2/2+ Router. The page title is "ADSL2/2+ Router" and the breadcrumb is "ADSL2/2+ Router". The navigation menu includes "Home", "Setup Wizard", "Tools", and "Advance". A "SAVE" button is visible in the top right corner.

The main content area is divided into sections for System, DSL, WAN, and LAN.

System

- Model Name: 8411G
- UpTime: 0 min
- Software Version: 8411G_NB_060606.00FA
- Firmware Version: 1.2.11
- DSP Version: 2.4.7

DSL

- Operational Status: , ACTIVATING.
- Upstream Speed: 0 kbps 0
- Downstream Speed: 0 kbps 0

WAN

Interface	VPI/VCI	Encap	IP Address	Gateway	Status
vc0	0/35	1483Bridged LLC			up

LAN

- IP Address: 192.168.1.1
- Subnet Mask: 255.255.255.0
- DHCP Server: Enabled
- MAC Address: 00e04c867001

4. Follow the steps describe below to complete your first time installation.

Please click on “**Setup Wizard**”.

The screenshot shows the configuration interface for an ADSL2/2+ Router. At the top left, the text "ADSL2/2+ Router" is displayed. At the top right, "ADSL2/2+ Router" is also present. Below this is a navigation bar with a yellow "Home" button and a red "Setup Wizard" button, which is highlighted with a blue box. Other buttons in the navigation bar include "Tools", "Advance", and a black "SAVE" button. Below the navigation bar is a section titled "Automatic Setup" with a grey background. This section contains the following fields: "Country:" with a dropdown menu showing "-----Select Country-----"; "ISP:" with a dropdown menu showing "-----"; "Encapsulation:" with a text input field; "VPI:" with a text input field; and "VCI:" with a text input field. Below these fields, there is a link: "If you can't find your ISP setting, please click [CONFIG](#)". At the bottom of the "Automatic Setup" section, there are two buttons: "Back" and "Next".

5. From the Country drop-down list select the **UK**. If your Service Provider is not AOL or Karoo, select the **BT*** network from the ISP list and click **Next**.

ADSL2/2+ Router

ADSL2/2+ Router

Home Setup Wizard Tools Advance SAVE

Automatic Setup

Country: UK

ISP: BT

Encapsulation: PPPoA VC-Mux

VPI: 0

VCI: 38

If you can't find your ISP setting, please click [CONFIG](#)

Next

*Almost all ISPs in the UK use BT network settings. However, you can contact your Service Provider for possible changes to the Encapsulation, VPI and VCI settings, and consult the manual on the CD provided in order to manually configure these settings.

6. The Set PPP Password page will pop up as shown below:

ADSL2/2+ Router

ADSL2/2+ Router

Home Setup Wizard Tools Advance SAVE

Set PPP Password

User Name: user@internet.com

Input Password:

Confirm Password:

Back Save

7. Enter your **“Username”** and **“Password”** then **“Confirm Password”**.
(This is the user information provided by your Internet Service Provider (ISP).)

7. Then click on the **“Save”** button to finish.

A new screen with the timing bar will appear to indicate the saving progress.

ADSL2/2+ Router

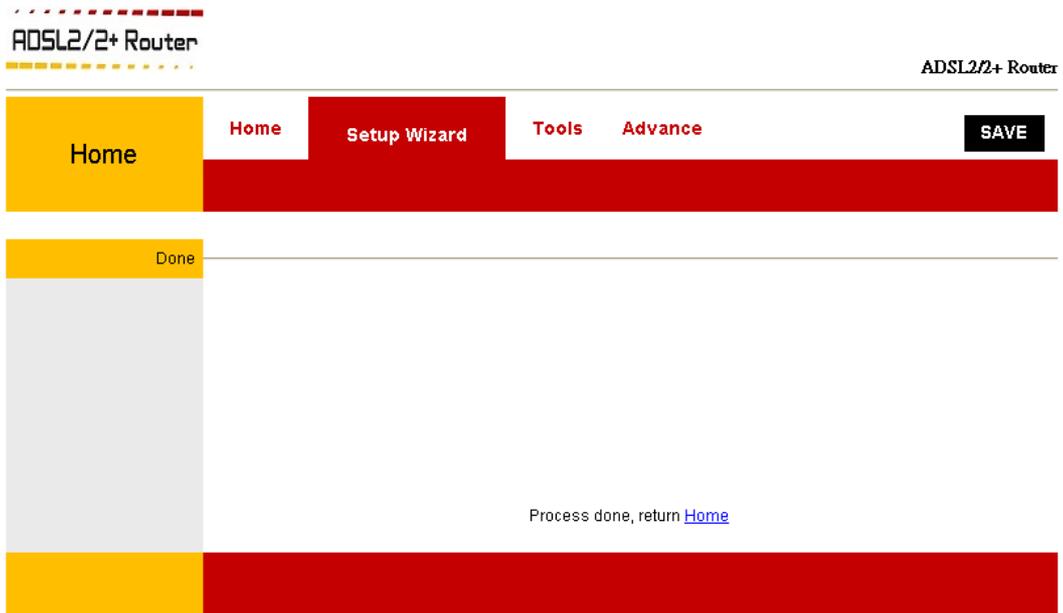
ADSL2/2+ Router

Home Setup Wizard Tools Advance SAVE

Save and reboot. Please wait..

19%

8. Once your settings have been saved the 'Done' section page will pop up.



Please click on “**Home**” to return to the system’s Home page. Now go to chapter 5 to test your connection.

NOTE: For more detailed information regarding settings and connections, refer to the “**User Manual**” on the CD provided.

5. Making sure of your Internet connection

1. Under the system's **Home** page, check the “**DSL**” and “**WAN**” information.

NOTE: The system **Home** page will refresh automatically every 10 seconds. You can also press the “**F5**” key on your keyboard to refresh the system **Home** page.

The “**Operational Status**”, “**Upstream Speed**” and “**Downstream Speed**” under “**DSL**” shows the real ADSL connection mode and connection speed in Kbps.

The screenshot displays the configuration page for an ADSL2/2+ Router. The page has a red header with navigation tabs: Home (selected), Setup Wizard, Tools, and Advance. A 'SAVE' button is located in the top right corner. The main content area is divided into sections: System, DSL, WAN, and LAN. The DSL section is highlighted with a yellow background and contains a blue-bordered box with a yellow callout bubble containing the number '1'. The WAN section contains a table with columns: Interface, VPI/VCI, Encap, IP Address, Gateway, and Status. The LAN section is also visible.

System

Model Name: 8411G
UpTime: 2 min
Software Version: 8411G_NB_103106.02FA
UI Version: 8411G_NB_103106.00FA
Firmware Version: 1.3.1.2
DSP Version: 2.5.8

DSL

Operational Status: SHOWTIME: G.dmt
Upstream Speed: 288 kbps (Fast)
Downstream Speed: 2272 kbps (Fast)

WAN

Interface	VPI/VCI	Encap	IP Address	Gateway	Status
BT	0/38	PPPoAVCMUX	194.106.130.98	194.106.38.250	up <input type="button" value="Disconnect"/>

MAC Address: 001364000002

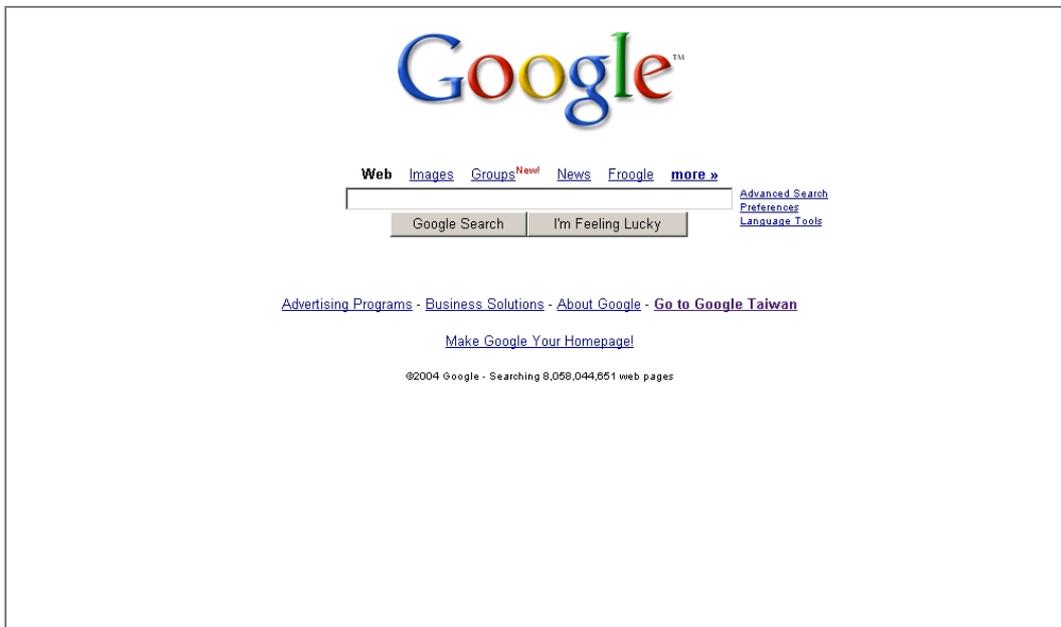
LAN

IP Address: 192.168.1.1
Subnet Mask: 255.255.255.0
DHCP Server: Enabled
MAC Address: 001364000001

2. Launch your web browser, and enter the Google Website Address: “**www.google.com**” in the address field then press “**Enter**”.



3. The following Google website index page will display on your screen. This shows your ADSL connection is correctly set and access to the Internet is now available.



NOTE: For more detailed information regarding settings and connections, please refer to the “**User Manual**” on the CD provided.

Telephone Support for Internet Access **ONLY** is available during office hours from Mon-Fri 10am –5pm on 08712-461234. If you are successfully connected to the Internet and have a support or firmware* query please email support@etec-components.co.uk.

* No firmware upgrade should be attempted without first contacting Etec at the above email address. Any such firmware upgrade attempt without first contacting Etec will invalidate the warranty.