Dynalink

ADSL2+ Wireless Modem Router

RTA1025WV6

Quick Setup Guide

This guide has been designed to help you set up your modem easily and should only take a few minutes to complete.

Package Contents

DYNALINK Modem/Router

ADSL Line Filter

Phone Cable

Ethernet Cable

Power Adapter

Before you Start
. You will need your username and password from your Internet service provider .
. All devices you use on your phone line will need to have an ADSL Line Filter attached to them. This includes Telephones, Fax Machines, Dial-up Modems etc. Plug these into the PHONE socket of the ADSL Line Filter (See Figure 1).

Installing your Modem
Step 1: Turn off your computer.
Step 2: Plug one end of the Ethernet cable into one of the sockets marked "Ethernet" on the back of the modem (See Figure 2). The other end of the cable is plugged into the Ethernet socket on the back of your computer.
Step 3: Plug one end of the Phone Cable into the socket marked (DSL) on the back of the modem (See Figure2). The other end of the cable is plugged into the socket marked (DSL) on the ADSL Line Filter.
Step 4: Plug the power adaptor into the "PWR" socket on the back of the modem (See Figure 2). Plug the other end of the power adaptor into the wall socket.
Step 5: Plug the ADSL Line Filter into the wall jackpoint (See Figure 3)
Step 6: Turn on the power at the wall socket and ensure the modem is turned on by pushing in the power button (See Figure 2).
Step 7: Turn on your computer.
Step 8: Open your internet browser (eg Internet Explorer) and enter the address **http://192.168.1.1.** This is the modem control panel. Enter "admin" for both fields when prompted.
Step 9: You should see the screen as shown:
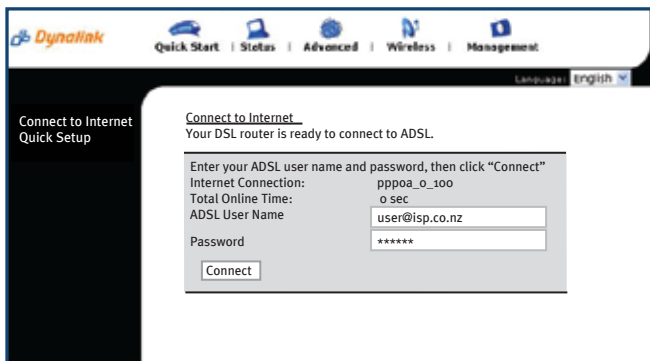
Step 10: Enter your username and password provided by your Internet service provider then click the "Connect" button on the screen.

Congratulations - You are now connected and ready to use the internet.

Enabling Your Wireless Connection
Ensure your modem is installed as per the installation instructions above.
Step 1: Open your internet browser (eg Internet Explorer) to the Modem Control Panel (see Step 8 under Installing your Modem). Enter "admin" for both fields if prompted.
Step 2: Click on the Wireless icon at the top of the screen.
Step 3: Click on Basic Settings from the left hand menu and ensure that Enable Wireless is ticked and Hide Access Point is un-ticked.
Step 4: In the SSID field, type the name that you want to use to identify your wireless connection e.g. wireless. Click the Apply button.
Step 5: Set up and connect your computer's wireless network adaptor according to the supplier's instructions.

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Wireless Security

Setting Up Basic Encryption

Encryption minimises the chances of people outside of your network using your connection.

Step 1: Open your internet browser (eg Internet Explorer) to the Modem Control Panel (see Step 8 under Installing your Modem). Enter "admin" for both fields if prompted.

Step 2: Click on the Wireless icon at the top of the screen and click Security from the left hand menu. At a minimum we recommend the following settings:

Wireless Security	**WPA-PSK**
WPA Data Encryption	**TKIP**
WPA Pre-Shared Key	**Password of your choosing 8 to 63 characters long**
WPA Group Rekey Interval	**3600**

Make note of your Pre-Shared Key as this will not be visible in your modem settings once applied. You will require your Pre-Shared Key when setting up a device to connect to your wireless connection.

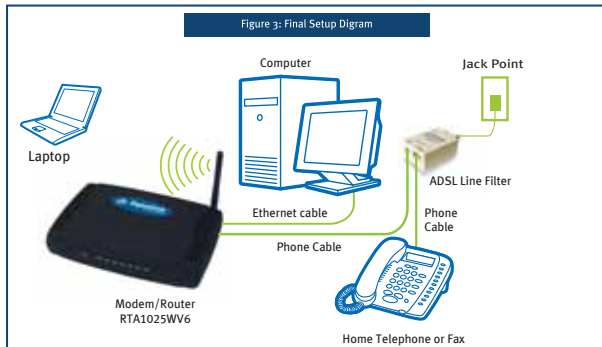**Step 3:** Click Apply when finished.

Hiding Your SSID

By default, the wireless network name or SSID is set to be periodically broadcast by your modem to advertise its presence. This can be deactivated to minimise the chances of another person detecting and attempting to use your wireless connection.

Step 1: Open your internet browser (eg Internet Explorer) to the Modem Control Panel (see Step 8 under Installing your Modem). Enter "admin" for both fields if prompted.

Step 2: Click on the Wireless icon at the top of the screen and click Basic Settings from the left hand menu.

Step 3: Set the Hide Access Point by ticking the box and click Apply.

Once this is enabled you will need to manually enter the name of your wireless network into the settings of any new device you want to connect to your wireless connection.

Figure 1: ADSL Line Filter

Figure 2: View of the back of the modem

Figure 3: Final Setup Digram

Computer

Jack Point

Laptop

ADSL Line Filter

Ethernet cable

Phone Cable

Phone Cable

Modem/Router RTA1025WV6

Home Telephone or Fax

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Troubleshooting

Q1. *Cannot connect to the Internet?*

- If the DSL light is off this means the broadband service may not have been activated on your telephone line. Make sure the Phone Cable is plugged into the DSL socket on the modem and the other end is plugged into the wall socket. If it is, contact your Internet provider to confirm that the broadband service has been correctly set up.

Q2. *Cannot browse the Internet?*

- Check that the modem's "DSL" light is on. Check that the "Ethernet" cable is firmly plugged in.
- Perform a PING test. In Windows XP, Vista or Windows 7, click "Start" then "Run". Type "Command" then click OK. Type ping "192.168.1.1" then press "Enter". The response should resemble:
Pinging 192.168.1.1 with 32 bytes of data:
Reply from 192.168.1.1: bytes=32 time=4ms TTL=30
If there is a similar response, the router is communicating with your computer correctly and the problem lies elsewhere. If the result is Request timed out, there may be a network problem. Check that the "Ethernet" cable is firmly plugged in.
- Disable any personal firewall or virus checker temporarily.
- If you are using Internet Explorer, go to "Tools" on the browser menu and select "Internet options" then "Security" and reset the security level by clicking on the "Default Level" button.

Indicator lights

There are 8 indicators on the front panel. (See Figure 3)

Function	Colour	Definition
WLAN	Off	Wireless connection is not detected
	Flashing Green	Wireless connection is transferring data
	Solid Green	Wireless connection is ready
LAN 1-4	Off	Ethernet connection is not detected
	Flashing Green	Ethernet connection is transferring data
	Solid Green	Ethernet connection is ready
PPP	Red	Modem is not online
	Solid Green	Modem is online
DSL	Off	No DSL Signal is detected
	Slow Flashing Green	DSL connection in progress
	Solid Green	DSL Connected
PWR (Power)	Off	Power is off
	Solid Green	Power is on and the modem is operating normally
	Sold Red	Power is on and a test in progress Power on failure if this light remains solid
	Flashing Red	Modem firmware upgrade is in progress

Warranty

Dynalink warrants this product against defects in materials and workmanship for a period of twelve months from the original date of purchase. Dynalink will, at its discretion, repair or replace the faulty unit, free of charge, provided it is returned to us with proof of purchase from an authorised dealer within the warranty period. Return delivery after repair will be paid for by Dynalink.

We reserve the right not to repair or replace goods that:

» have been mishandled, abused or not installed according to the guidelines as outlined in the instructions.
» have been subjected to a power surge from other equipment or other external factors.
» have been altered or modified.