

# DSL-2877AL

FW 1.00.13AU

## Configuration example for Telstra FTTN and FTTB

Configuration via Wizard:

The screenshot shows a web browser window displaying the configuration wizard for a D-Link DSL-2877AL router. The browser address bar shows the URL `192.168.1.1/cgi-bin/frame: x` and `192.168.1.1/cgi-bin/frames.asp`. The page title is "Product Page : DSL-2877AL" and the firmware version is "1.00.13AU". The D-Link logo is prominently displayed at the top. The main content area is titled "STEP 3: CONFIGURE YOUR INTERNET CONNECTION" and contains the following configuration options:

- Internet Connection Type : VDSL
- Country : Australia
- Internet Service Provider : Others
- 802.1q :  Activated  Deactivated
- VLAN ID : 0 (range: 0~4095)
- Protocol : Dynamic IP Address
- MTU : 1500

At the bottom of the configuration area, there are four buttons: "Prev", "Next", "Cancel", and "Connect". Below the configuration area, the word "BROADBAND" is displayed in a dark bar. At the bottom of the page, there is a copyright notice: "Copyright © 2013-2014 D-Link Systems, Inc." and a file manager interface showing a file named "DTR-2400AC-current...txt" and a "Show all downloads" link.

## Manual configuration:

192.168.1.1/cgi-bin/frame x

192.168.1.1/cgi-bin/frames.asp

WAN Failover Priority Setup

Time and Date

IPv6RD

mylink™ Settings

Internet Online

Reboot Logout

Current WAN failover priority from high to low is DSL, Ethernet WAN, 3G/4G. If you want to change WAN priority, you can click [SETUP->WAN Failover Priority Setup](#).

Internet Connection Type: VDSL

### PTM SETTING

Service Num: 0 Services Summary

Enable Virtual Circuit:

Country: (Click to Select)

ISP: (Click to Select)

802.1q:  Activated  Deactivated

VLAN ID: 0 (range: 0~4095)

### IPv4/IPv6

IP Version:  IPv4  IPv4/IPv6  IPv6

### WAN SETTINGS

Configure your DSL connection here. Please consider the information of your provider on the settings otherwise it may not be possible to establish a connection.

- Dynamic IP Address** Choose this option to obtain an IP address automatically from your ISP. (For most Cable modem users)
- Static IP Address** Choose this option to set static IP information provided to you by your ISP.
- PPPoE** Choose this option if your ISP uses PPPoE. (For most DSL users)
- Bridge Mode** Choose this option if your ISP uses Bridge.

### WAN

MTU: 1500 (0:default)

Default Route:

NAT Enable:

Enable PPPoE Passthrough:

IGMP Proxy:

IPv6 Message Fetch Type: Dynamic Mode

DHCP IPv6 Enable:  DHCP  SLAAC

DHCP PD Enable:  Enable  Disable

MLD Proxy:  Enable  Disable

These settings should have been provided by your ISP (Internet Service Provider). Often you will receive a bundle pack with the important account information.

Very often in the United Kingdom User will require to PPPoA connection type. Users in Germany should select PPPoE when applicable. Please be careful with the username and password. They are case sensitive. For most uses, if you are unable to connect it, your username and password combination may be incorrect.

More...

WAN status and DSL statistics:

Product Page : DSL-2877AL Firmware Version : 1.00.13AU

**D-Link**

DSL-2877AL // SETUP ADVANCED MAINTENANCE STATUS HELP

Device Info System Log Statistics Storage Info Internet Online Reboot Logout

**DEVICE**

The Device Status page allows you to check the status of your Internet connection, Wireless LAN and LAN.

**GENERAL**

Current Time : Sat May 7 16:00:14 2016  
 Uptime : 0d: 0h: 4m:30s  
 DSL Firmware Version : FwVer:5.6.11.0\_B\_A60901 HwVer:T14.F7\_0.2  
 Firmware Version : 1.00.13AU  
 Build Timestamp : 12162015

**INTERNET STATUS**

Interface: PTM0  
 Service: 0  
 Connection Type: Dynamic IP  
 Status: Connected  
 IP Address: 101.176.157.185 [renewIP] [releaseIP]  
 Subnet Mask: 255.255.192.0  
 Default Gateway: 101.176.191.254  
 DNS Server : 61.9.194.49 61.9.195.193  
 IPv6:  
 Status: Not Connected  
 IP Address: N/A  
 Prefix Length: N/A  
 Default Gateway: N/A  
 DNS Server: N/A  
 Prefix Delegation: N/A

**2.4G WIRELESS LAN**

Wireless Status : Enabled

Helpful Hints... All of your WAN and LAN connection details are displayed here. More...

192.168.1.1/cgi-bin/frame: x 192.168.1.1/cgi-bin/frames.asp

Device Info System Log Statistics Storage Info Internet Online Reboot Logout

**TRAFFIC STATISTICS**

Traffic Statistics display Receive and Transmit packets passing through the Device.

[Refresh]

**STATISTICS**

Interface	Transmit				Receive			
	Frames	Bytes	Collision	Error	Frames	Bytes	Collision	Error
LAN:	302328	388329154	0	0	211422	132103170	0	0
WAN:	0	0	0	0	0	0	0	0
DSL:	0	0	0	618	0	0	0	0
Wireless 2.4G:	762	0	-	0	62047	0	-	249287
Wireless 5G:	99	0	-	0	49	0	-	36

**DSL STATISTICS**

Line State	up	
Modulation	ITU G.993.5(G.Vectoring),G.998.4(G.INP)	
Annex Mode	ANNEX_B	
	Downstream	Upstream
SNR Margin	5.5 dB	7.2 dB
Line Attenuation	4.9 dB	0.0 dB
Data Rate	103475 kbps	34186 kbps
ES	0	1
SES	0	0
UAS	137	137
FEC	900574	4
CRC	0	1

Helpful Hints... This is a summary of the number of packets that have passed between the WAN and the LAN since the router was last initialized. More...

Speed test:

The screenshot shows a browser window with the URL [www.speedtest.net/?test-2](http://www.speedtest.net/?test-2). The page features a navigation bar with links for OOKLA, SPEEDTEST, PINGTEST, and AWARDS. Below the navigation bar, there are several advertisements and a central test results panel. The test results panel displays a Ping of 6 ms, a Download Speed of 93.90 Mbps, and an Upload Speed of 32.84 Mbps. A 'TEST AGAIN' button is prominently displayed. To the left of the results, there is a sidebar with the text 'Powerful. Easy. Visual Analytics.' and a 'START FREE TRIAL >' button. To the right, there are more advertisements, including one for '150x Faster Beautiful Unlimited' and another for '500M \$49'. At the bottom of the page, there is a banner for 'Handset upfront' and 'OPTUS'.

**Speedtest.net** by Ookla - The Global Standard in Internet Metrics

OOKLA SPEEDTEST PINGTEST AWARDS

ADVERTISE BECOME A HOST MY RESULTS SUPPORT SETTINGS LOGIN CREATE ACCOUNT

**UNLIMITED** ADSL2+ BROADBAND **\$29.90** P/M **NO LOCK-IN CONTRACT** *Metro Plan* [Click here](#)

Service not available in all areas. Active phone service required. Min. price \$128.90, includes \$39 set-up fee.

**PING** 6 ms **DOWNLOAD SPEED** 93.90 Mbps **UPLOAD SPEED** 32.84 Mbps

NEW SERVER TEST AGAIN SHARE THIS RESULT

Improve PC Speed [iolo.com/System-Mechanic](#)  
Clean up and Speed Up Your PC. Free Scan - Start Now!

Are you on Telstra Internet?  
Take our Broadband Internet Survey!

See Also

- 1 Modem Speed Test
- 2 Boost Internet Speed
- 3 Internet Speed Test

101.176.157.185  
Telstra Internet  
Rate Your ISP

Sydney  
Hosted by  
Australian Private Networks

Powerful. Easy. Visual Analytics.  
START FREE TRIAL >

150x Faster Beautiful Unlimited  
Try Period

500M \$49  
\*Pricing excludes GST  
\$0 upfront install at \$...  
month contract - min...  
Min cost \$28,764 at...

Handset upfront OPTUS