

DSL-526B – Configuring PPPoE / PPPoA



This document will detail how to configure PPPoE / PPPoA on the DSL-526B.



- 1. Log in to the modem with the computer connected to the modem via Ethernet.
 - URL: <u>http://192.168.1.1</u> (default)
 - Username: admin
 - Password: admin (default)
 - Validate Code: (randomly generated)

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	LOGIN	
	Welcome to DSI-526B Web Management	
	Username : admin	
	Validate Code: DNIPL	
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- 2. If it's your first time configuring an internet connection, you will be prompted to run through the **QUICK SETUP.**
- 3. Uncheck the 'DSL Auto-connect' option (this will save time and stop the modem from auto detecting the correct parameters).
- 4. Enter the correct VPI and VCI values
 - Australia: VPI is 8 and VCI is 35
 - New Zealand: VPI is **0** and VCI is **100**

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Device Info Quick Setup Advanced Setup Diagnostics Management	Quick Setup Tas Quick Setup wilg guide you through the steps necessary to configure your DSL Router. ATM VC Configuration Setup to the check box below to enable DSL Auto-connect process. DSL Auto-connect The Vtrual Path Identifier (VPI) and Vtrual Channel Identifier (VCI) are needed for setting up the ATM PVC. Do not change VPI and VCI numbers unless your ISP instructs you of VPI (124:0533) 35 Enable Quality Of Service Enable Quality Of Service Enable Quality Of Service	herwise. requertly. Use Advanced Setup/Quality of Servic	e to assign
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5. Select Next

- 6. Choose **PPP over Ethernet (PPPoE)** for Australia or **PPP over ATM (PPPoA)** for New Zealand.
- 7. Ensure the Encapsulation Mode is set to **LLC/SNAP-BRIDGING** when in PPPoE or **VC/MUX** when in PPPoA.

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Device Info Quick Setup Advanced Setup Diagnostics Management	Connection Type Select the type of network protocol for IP over Ethernet as WANI interface PPP over ATH (PPPA) MAC Encapsulation Routing (MER) IP over ATH (IPDA) Bridging Incapsulation Mode LLC'SNAP-BRIDGING *	
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8. Select Next

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Device Info Quick Setup Advanced Setup Diagnostics Management	PPP Username and Password PPP usually requires that you have a user name and password to establish your connection. In the boxes below, enter the user name and password that your ISP has provided to you PPP Username: PPP Destansion Dall on demand (with idle timeout timer) PPP IP Perstension Use State: IP Address Retry PPP password on authentication error Enable PPP Debug Mode Ørdige PPPoE Frames Between WAN and Local Ports (Default Enabled)		
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- 9. Enter the PPP Username and PPP Password which is provided to you by your Internet Service Provider (ISP).
 - Leave the PPPoE Service Name blank and Authentication Mode to AUTO

10. Leave all other settings as default and click Next.

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- 11. Ensure Enable NAT and Enable Firewall are both checked (enabled). Click Next.
- 12. Click **Next** on the 'Device Setup' unless you wish to make changes to the DHCP Scope or change the LAN IP of the modem.

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Device Info Quick Setup Advanced Setup Diagnostics Management	Device Setup Configure the DSL Router IP Address and Subnet Mask for LAN interface. IP Address: 192.168.1.1 Subnet Mask: 255.255.255.0 Deable DHCP Server Enable DHCP Server Start IP Address: 192.168.1.2 Subnet Mask: 255.255.0 Leased Time (hour): 24		
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13. A summary of the settings will be displayed, select **Save/Reboot** to save and apply the changes – the modem will reboot.

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Device Info	WAN Setup - Summa	шу				
Quick Setup Advanced Setup	Make sure that the set	tings below match the se	ttings provided by your ISP.			
Diagnostics	PORT / VPI / VCI:	0 / 8 / 35				
Management	Connection Type:	PPPoE				
	Service Name:	pppoe_0_8_35_1				
	Service Category:	UBR				
	IP Address:	Automatically Assigned				
	Service State:	Enabled				
	NAT:	Enabled				
	Firewall:	Enabled				
	IGMP Multicast:	Disabled				
	Quality Of Service:	Disabled				
	Cluck "Save/Rebook" to save these settings and reboot router. Odk "Back" to make any modifications. NDTE: The complication process takes about 1 munite to complete and your DSE, Router will reboot.					
	Back Save/Reboot					
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