

DSL-500/DSL-504 Installation guide for NO-NAT.

The following set-up procedure shows how to configure the DSL-500/504 for a NO NAT set-up. This only applies if you have a range of usable IP addresses from your ISP. Please note that this document requires that the latest firmware is running on the ADSL router. This is v2.21...t18uk.

- 1) Please ensure that the RJ-11 cable is not connected to the ADSL enabled line.
- 2) Go into the routers configuration using the default IP address of 192.168.0.1 and login using the default username and password (admin/admin) and do a Factory Reset. Once done, login again.



- 3) Go into Maintenance--> Remote Administration Access and set it to Yes. Click OK.



- 4) Go into the Configuration--> Multiple PVC Configuration. Set the Index to 1. Set the 'Encapsulation' to 'PPPoA VC mux'. Enter the ISP username and password. Under IP control, set this to PPP UNNUMBERED. Click on Modify and click on Apply. Select 'Continue and do Save changes later'. Click OK.

The screenshot shows the D-Link DSL-504 web interface in Microsoft Internet Explorer. The browser address bar shows `http://192.168.0.1/main/pMain.html`. The page title is "Multiple PVC".

On the left is a navigation tree with the following items:

- D-Link DSL-500
 - Configuration
 - Multiple PVC
 - Ethernet IP Address
 - Layer 2 Filtering
 - Proxy DNS
 - DHCP Configuration on LAN
 - NAT Configuration
 - Multiple NAT
 - IP Masquerade Pass Through
 - IP Masquerade Timer
 - Port Redirection
 - Static Route Configuration
 - Advanced Filtering & Firewall
 - RIP
 - Date / Time
 - UPnP Configuration
 - Maintenance
 - Summary

The main content area shows the "Multiple PVC" configuration for "Existing Entry 1". At the top right is an "Apply" button. Below it is a table:

Index	Item Name	Interface	VPI	VCI	Encapsulation
1	ISP1	ppp_device	0	38	PPPoA VC mux

Below the table are several configuration fields:

- Select index to set:** 1 (dropdown), with "Modify", "Delete", and "Clear" buttons.
- Item Name:** ISP1 (text input)
- VPI:** 0 (text input)
- VCI:** 38 (text input)
- Encapsulation:** PPPoA VC mux (dropdown)
- Login User Name:** dlink@adsl.enta.net (text input)
- Login Password:** [masked]
- Confirm Password:** [masked]
- Authentication:** chap (dropdown)
- Connect On Demand:** enabled (dropdown)
- Idle Time:** 0 (text input)
- IP Control:** PPP Unnumbered (dropdown)
- Static IP:** 0 . 0 . 0 . 0 (text input)

Below these fields is the "PPP Information" section:

- IP Address:** 0.0.0.0
- Gateway:** 0.0.0.0
- Connection Status:** Physical line error

At the bottom right are "Add", "Connect", and "Disconnect" buttons.

Save changes and reboot system?

To make the settings you changed take effect, you should save the changes and reboot the system.

Do you want to save the settings and reboot now?

- Save changes and reboot system now
 Continue and do 'Save Changes' later

OK

- 5) Go in NAT Configuration and set the NAT Function to Disabled. Click OK and select 'Continue and do Save changes later'. Click OK.

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NAT Configuration

NAT Function:

DMZ State:

DMZ IP Address: . . .

Interface:

Save changes and reboot system?

To make the settings you changed take effect, you should save the changes and reboot the system.

Do you want to save the settings and reboot now?

- Save changes and reboot system now
- Continue and do 'Save Changes' later

- 6) Go into the Ethernet IP address and set the IP address of the router to the one designated for the router out of your public IP range. Set the subnet mask to the appropriate one. Note: These details will have been provided by your ISP. When asked to set then adjust the DHCP range, click YES and then Click OK to reboot when prompted.

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Ethernet IP Address

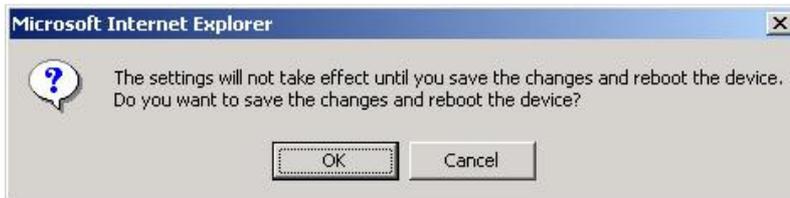
MAC Address: 00:50:ba:2f:f9:f4

IP Address: . . .

Subnet Mask:



Note: If you would like to disable the DHCP function of the DSL-500/504, you can do this going back into the unit after it has rebooted.



- Go into the configuration of the DSL-504 by typing in using the newly assigned IP address.

D-Link DSL-504 - Microsoft Internet Explorer

Address: http://195.74.119.177/main/pMain.html

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D-Link DSL-500

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Multiple PVC

Existing Entry 1 Apply

Index	Item Name	Interface	VPI	VCI	Encapsulation
1	ISP1	ppp_device	0	38	PPPoA VC mux

Select index to set: 1 Modify Delete Clear

Item Name: ISP1

VPI: 0

VCI: 38

Encapsulation: PPPoA VC mux

Login User Name: dlink@adsl.enta.net

Login Password: [password field]

Confirm Password: [password field]

Authentication: chap

Connect On Demand: enabled

Idle Time: 0

IP Control: PPP Unnumbered

Static IP: 0 . 0 . 0 . 0

PPP Information

IP Address: 195.74.119.177

Gateway: 213.123.99.145

Connection Status: Connected

Add Connect Disconnect

Done Internet

8) Connect the RJ-11 cable to the ADSL-enabled line through the microfilter.