



**Wizard**

WAN

LAN

DHCP

DNS

Dynamic DNS

Logout

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### Setup Wizard

The DSL-502T is an ADSL Router ideal for home networking and small business networking. The setup wizard will guide you to configure the DSL-502T to connect to your ISP (Internet Service Provider). The DSL-502T's easy setup will allow you to have Internet access within minutes. Please follow the setup wizard step by step to configure the DSL-502T.

Run Wizard

  
Help



## DSL-502T ADSL Router

Welcome to the DSL-502T Setup Wizard. The Wizard will guide you through these three quick steps. Begin by clicking on **Next**.

Step 1. Choose your time zone

Step 2. Set Internet connection

Step 3. Restart



Next



Exit



## DSL-502T ADSL Router

### Choose Time Zone

Select the appropriate time zone for your location and click **Next** to continue.

    
Back Next Exit



## DSL-502T ADSL Router

### Select Internet Connection Type (WAN)

Select the connection type to connect to your ISP. Click **Next** to continue

PPPoE/PPPoA

Choose this option if your ISP uses PPPoE/PPPoA. (For most DSL users)

Dynamic IP Address

Choose this option to obtain an IP address automatically from your ISP.

Static IP Address

Choose this option to set static IP information provided to you by your ISP.

Bridge Mode

Choose this option if your ISP uses Bridge Mode.



Back Next Exit



## DSL-502T ADSL Router

### Set PPPoE / PPPoA

Enter the PPPoE/PPPoA information provided to you by your ISP. Click **Next** to continue.

User Name	<input type="text" value="dlink@netspace."/>
Password	<input type="password" value="••••••••"/>
VPI	<input type="text" value="8"/>
VCI	<input type="text" value="35"/>
Connection Type	<input type="text" value="PPPoE LLC"/> ▾

    
Back Next Exit



## DSL-502T ADSL Router

### Setup Completed

The Setup Wizard has completed. Click on **Back** to modify changes or mistakes. Click **Restart** to save the current settings and reboot the DSL-502T.



Back



Restart



Exit



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ATM VC Setting

PVC

VPI

VCI

Virtual Circuit

WAN Setting

PPPoE/PPPoA

User Name

Password

Connection Type

MTU  bytes

MRU  bytes

Default Route

NAT

Firewall

IP Control

Static IP

ATM

Service Category

PCR  kbps

SCR  kbps

Apply Cancel Help



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### Management IP

These are the IP settings of the LAN interface for the DSL-502T. These setting may be referred to as Private settings. You may change the LAN IP address if needed.

IP Address

Subnet Mask



Apply



Cancel



Help





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### DHCP Settings

The device can be setup as a DHCP Server to distribute IP addresses to the LAN network.

- No DHCP Choose this option. The IP address must be manually assigned at each device connected to DSL-502T.
- DHCP Server Choose this option to setup as a DHCP server to distribute IP addresses to the LAN network.

### DHCP Server

Starting IP Address

Ending IP Address

Lease Time  seconds

DNS Mode  Auto  Manual

Primary DNS

Secondary DNS

#### Static IP Assignment

	MAC Address	IP Address
Static IP1:	<input type="text"/>	<input type="text"/>
Static IP2:	<input type="text"/>	<input type="text"/>
Static IP3:	<input type="text"/>	<input type="text"/>
Static IP4:	<input type="text"/>	<input type="text"/>
Static IP5:	<input type="text"/>	<input type="text"/>

Enter MAC Address format as xx-xx-xx-xx-xx-xx, i.e: 00-0C-6E-D5-11-22, and IP Address format as yy.yyy.yyy.yyy, i.e: 192.168.1.2

Apply Cancel Help

### DHCP Clients List

No DHCP Clients Available



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DNS Configuration

The DNS Configuration allows the user to set the configuration of DNS relay.

DNS Relay Selection

**User Configuration:**

Preferred DNS Server

Alternate DNS Server

- Apply
- Cancel
- Help



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### Dynamic DNS Configuration

The DDNS Configuration allows the user to set the configuration of DDNS.

DDNS Server

**User Configuration:**

UserName

PassWord

HostName



Apply



Cancel



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UPnP

To enable UPnP, check Enable UPnP and then select a connection.

Enable UPnP

Select	Available Connections
<input type="radio"/>	Pvc0
<input type="radio"/>	Pvc1
<input type="radio"/>	Pvc2
<input type="radio"/>	Pvc3
<input type="radio"/>	Pvc4
<input type="radio"/>	Pvc5
<input type="radio"/>	Pvc6
<input type="radio"/>	Pvc7



Apply



Cancel



Help

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Building Networks for People

**DSL-502T**  
ADSL Router

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Virtual Server

Connection: Pvc0

LAN IP: 172.16.1.2 **New IP**

Category

- Games
- VPN
- Audio/Video
- Apps
- Servers
- User

Available Rules

map




**Add >**

**< Remove**

Applied Rules

**Add** **Edit** **Delete**

You must save settings and reboot to take effect.

    
Apply Cancel Help

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Rule Management

Rule Name:

Protocol: TCP

Port Start:  Port End:

Port Map:  Port Map End:

   
Apply Cancel

Protocol	Port Start	Port End	Port Map	Port Map End	Delete

UPnP

**Virtual Server**

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UPnP

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LAN Clients

IP Address

Host Name

Valid IP Range: 172.16.1.2 - 172.16.1.254

Static Addresses

Delete	IP Address	Host Names	Type
--------	------------	------------	------

Dynamic Addresses

Reserve	IP Address	Host Names	Type
---------	------------	------------	------



UPnP

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SNMP Management

- Enable SNMP Agent
- Enable SNMP Traps

Name:

Location:

Contact:

Vendor OID: 1.3.6.1.4.1.294

Community

Name	Access Right
<input type="text" value="public"/>	<input type="text" value="ReadOnly"/> <input type="button" value="v"/>
<input type="text"/>	<input type="text"/> <input type="button" value="v"/>
<input type="text"/>	<input type="text"/> <input type="button" value="v"/>

Traps

Destination IP	Trap Community	Trap Version
<input type="text"/>	<input type="text"/>	<input type="text" value="v"/> <input type="button" value="v"/>
<input type="text"/>	<input type="text"/>	<input type="text" value="v"/> <input type="button" value="v"/>
<input type="text"/>	<input type="text"/>	<input type="text" value="v"/> <input type="button" value="v"/>

Apply  Cancel  Help





- UPnP
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Filters

Filters are used to allow or deny LAN or WAN users from accessing the internet or internal Network.

Outbound Filter  Inbound Filter

IP Outbound Filter

Filters are used to allow or deny LAN users from accessing the internet.

Source IP  ~  Any IP   
Destination IP  ~  Any IP   
Source Port  ~  Any Port   
Destination Port  ~  Any Port   
Protocol   
Action

Apply Cancel Help

ID	Category	Source IP	Destination IP	Prot.	Act.	Enable
----	----------	-----------	----------------	-------	------	--------





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- DMZ

Bridge Filters

Enable Bridge Filters

Src MAC	Src Port	Dest MAC	Dest Port	Protocol	Mode	
00-00-00-00-00-00	ANY	00-00-00-00-00-00	ANY	PPPoE Session	Deny	
				PPPoE Session		
				PPPoE Discovery		
				IPX - Ethernet II		
				RARP		
				IPv6		
				IPv4		
				Any		
Src MAC	Src Port	Dest MAC	Dest Port	Protocol	Mode	Delete





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Routing Table

IP Routes are used to define gateways and hops used to route data traffic. Most users will not need to use this feature as the previous gateway and LAN IP settings on your host computers should be sufficient.

Destination

Netmask

Gateway

Connection

Apply Cancel Help

ID	Destination	Netmask	Gateway	Interface
----	-------------	---------	---------	-----------



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### DMZ

DMZ (Demilitarized Zone) is used to allow a single computer on the LAN to be exposed to the Internet.

Enabled  Disabled

IP Address:



Apply



Cancel



Help



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- ATM VCC
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## Firewall Configuration

### DoS Protection

DoS attacks can be checked based on your specific need.

State:  Enabled  Disabled

- SYN Flooding checking
- ICMP Redirection checking

### Port Scan Protection

Port Scan attacks can be checked based on your specific need.

State:  Enabled  Disabled

- FIN/URG/PSH attack
- Xmas Tree attack
- Null Scan attack
- SYN/RST attack
- SYN/FIN attack

### Service Filtering

The following services can be blocked based on your specific need.

- Ping from External Network
- Telnet from External Network
- FTP from External Network
- DNS from External Network
- IKE from External Network
- RIP from External Network
- DHCP from External Network
- ICMP from LAN

    
Apply Cancel Help



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**RIP**

## RIP System Wide Configuration

RIP is an Internet protocol you can set up to share routing table information with other routing devices on your LAN, at your ISP's location, or on remote networks connected to your network via the ADSL line.

RIP

Protocol

Direction



Apply



Cancel



Help



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### PPP Connection

This page is used to view and PPP connection status and setting.

PVC PVC0  
Connection Setting Not Connected

#### Connection Setting

- Always ON
- Connection On Demand
- Manual

#### Recommended

Connection will close if idle for  minutes

Use Connect/Disconnect button only



Apply



Cancel



Help

#### ATM VCs List

ID	PVC	VPI	VCI	Connection Type
1	PVC0	8	35	PPPoE



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### ADSL Configuration

The ADSL Configuration page allows the user to set the configuration for ADSL protocol.

Modulation Type

Multi-mode ▾



Apply



Cancel



Help





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ATM VC Setting

PVC PVC0

VPI

VCI

Virtual Circuit

WAN Setting

PPPoE/PPPoA

User Name

Password

Connection Type

MTU  bytes

MRU  bytes

Default Route

NAT

Firewall

IP Control

Static IP

ATM

Service Category

PCR  kbps

SCR  kbps

**Apply**
 **Cancel**
 **Help**

ATM VCs List

ID	PVC	VPI	VCI	Connection Type	Virtual Circuit	
1	PVC0	8	35	PPPoE	Enabled	
2	PVC1	0	36	Bridge Mode	Disabled	
3	PVC2	0	37	Bridge Mode	Disabled	
4	PVC3	0	38	Bridge Mode	Disabled	
5	PVC4	0	39	Bridge Mode	Disabled	
6	PVC5	0	40	Bridge Mode	Disabled	
7	PVC6	0	41	Bridge Mode	Disabled	
8	PVC7	0	43	Bridge Mode	Disabled	





Admin

Time

Remotelog

System

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### Administrator Settings

There is only one account that can access the DSL-502T's Web-Management interface.

#### Administrator (The Login Name is "admin")

New Password

Confirm Password

WebPort  (Change the port number of login web)

### Remote Web Management

State  Enabled  Disabled

IP Address

Netmask

### Remote Telnet Management

State  Enabled  Disabled

IP Address

Netmask



Apply



Cancel



Help



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### Time

Set the DSL-502T system time.

Local Time 11/01/2006 16:02:47

#### Synchronize the ADSL Router's clock with:

- Automatic (Simple Network Time Protocol)
- Your computer's clock
- Manual (Enter your own settings)

Date: Nov 01 2006

Time: 16 : 02 : 47



Apply



Cancel



Help



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Remote Log Settings

Log Level

Add an IP Address

Select a logging destination



Apply



Cancel



Help



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System Settings

The current system settings can be saved as a file onto the local hard drive.

**Save Settings To Local Hard Drive**

**Load Settings From Local Hard Drive**

Note: The system has to be restarted after the configuration is restored.

**Save Settings and Reboot the System.**

**Restore To Factory Default Settings**





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Firmware Upgrade

There may be new firmware for your DSL-502T to improve functionality and performance. To upgrade the firmware, locate the upgrade file on the local hard drive with the Browse button. Once you have found the file to be used, click the Apply button below to start the firmware upgrade.

Current Firmware Version : V2.00B07.AU\_20060904

Note: The system has to be restarted after the firmware upgrade.

- Apply
- Cancel
- Help



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Miscellaneous Configuration

There are additional tools and features of the DSL-502T

Ping Test

Ping IP Address

Ping Result :

Connections

IGMP Proxy   Disabled  Enabled



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### Diagnostic Test

The diagnostics feature executes a series of test of your system software and hardware connections. Use the feature when working with your ISP to troubleshoot problems.

Virtual Circuits : Pvc0

OAM Type : F5

This Page is used for performing diagnostics on the system.

Testing Connectivity to modem	
Testing Ethernet LAN connection	FAIL
Testing ADSL Connection	
Testing ADSL Synchronization	FAIL
Testing Network Connection	
Testing ATM OAM segment ping	SKIPPED
Testing ATM OAM end to end ping	SKIPPED
Testing Internet Connectivity	
Ping Primary Domain Names Server	SKIPPED



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Device Information

Firmware Version : V2.00B07.AU\_20060904

LAN

MAC Address	00:15:E9:1F:9E:3D
IP Address	172.16.1.1
Subnet Mask	255.255.255.0
DHCP Server	Enabled
NAT	Enabled

WAN

Virtual Circuit	<input type="text" value="Pvc0"/>
Status	Not Connected
Connection Type	pppoe
IP Address	N/A
Subnet Mask	N/A
Default Gateway	N/A
DNS Server	N/A



Help





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DHCP Clients

MAC Address	IP Address	Host Name
00-0f-3d-92-3b-58	172.16.1.3	kenxpro

  
Help



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View Log

View Log displays the activities occurring on the DSL-502T.

First Page Last Page Previous Next Clear Log Save Log



page 1 of 3

Time	Message
Jan 1 12:00:12	> Valid Configuration Tree
Jan 1 12:00:12	> NTP Polling Timer for DHCP Started successfully.
Jan 1 12:00:12	> DSL Polling Timer Started successfully.
Jan 1 12:00:12	> doing modulation_set.
Jan 1 12:00:13	> Firewall NAT service started
Jan 1 12:00:15	> starting on port 80
Jan 1 12:00:15	> Bridge Created: br0
Jan 1 12:00:15	> Bridge Created: br1
Jan 1 12:00:16	> Bridge Interface Added: eth0
Jan 1 12:00:17	> Bridge Interface Added: usb0
Jan 1 12:00:22	> DSL Carrier is down
Jan 1 00:41:55	> displaying page ../html/tools/tools_remotelog.htm
Jan 1 00:41:55	> ~~~~~
Jan 1 00:41:55	> Commands for page ../html/tools/tools_remotelog.htm
Jan 1 00:41:55	> ~~~~~
Jan 1 00:41:55	> Commands for page ../html/js/menu.js
Jan 1 00:41:55	> Querying module logic for key status/SW_FEATURES_TR069
Jan 1 00:41:55	> Querying module logic for key status/SW_FEATURES_QOS
Jan 1 00:41:55	> ~~~~~
Jan 1 00:41:55	> Commands for page ../html/js/ip.js



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### Traffic Statistics

Traffic Statistics display Receive and Transmit packets passing through the DSL-502T.

Choose an interface to view your network status:

- Ethernet Display Receive and Transmit packages through Ethernet
- ADSL Display Receive and Transmit packages through ADSL
- USB Display Receive and Transmit packages through USB

Refresh



Help

#### Transmit

Good Tx Frames	0
Good Tx Broadcast Frames	0
Good Tx Multicast Frames	0
Tx Total Bytes	0
Collisions	0
Error Frames	150
Carrier Sense Errors	0

#### Receive

Good Rx Frames	0
Good Rx Broadcast Frames	0
Good Tx Multicast Frames	0
Rx Total Bytes	0
CRC Errors	0
Undersized Frames	0
Overruns	0



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**ADSL**

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ADSL Status

ADSL status shows the ADSL physical layer status.

ADSL Firmware Version: 4.03.03.00 - 3.02.00.03 - 3.02.06.00 Annex A - 01.07.02 - 0.49  
ADSL Software Version: V2.00B07\_AU\_20060904  
Line State: Disconnected  
Modulation: Multi-mode  
Annex Mode: ANNEX\_A  
Max Tx Power: -38 dBm/Hz

Item	Downstream	Upstream	Unit
SNR Margin	0	0	dB
Line Attenuation	0	0	dB
Data Rate	0	0	kbps

  
Help