

DSL-504T Screenies

V2.00B01T01.AU

D-Link
Building Networks for People

DSL-504T ADSL Router

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Wizard

WAN

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Setup Wizard

The DSL-504T is an ADSL Router ideal for home networking and small business networking. The setup wizard will guide you to configure the DSL-504T to connect to your ISP (Internet Service Provider). The DSL-504T's easy setup will allow you to have Internet access within minutes. Please follow the setup wizard step by step to configure the DSL-504T.

Run Wizard


Help



http://10.1.1.1 - DSL-504T - Microsoft Internet Explore...

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Welcome to the DSL-504T 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**

Done Internet

http://10.1.1.1 - DSL-504T - Microsoft Internet Explore...




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Choose Time Zone

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

(GMT+10:00) Canberra, Melbourne, Sydney

  
Back **Next** **Exit**

Done Internet

http://10.1.1.1 - DSL-504T - Microsoft Internet Explore...




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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

Internet

http://10.1.1.1 - DSL-504T - Microsoft Internet Explore...

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Set PPPoE / PPPoA

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

User Name

Password

VPI

VCI

Connection Type ▾

  
Back Next Exit

Internet



DSL-504T 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-504T.



Back Restart Exit



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PVC

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WAN Setting

PPPoE/PPPoA

User Name

Password

Connection Type

MTU bytes

MRU bytes

Default Route

NAT

Firewall

IP Control

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ATM

Service Category

PCR kbps

SCR kbps



Apply



Cancel



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Management IP

These are the IP settings of the LAN interface for the DSL-504T. These setting may be referred to as Private settings. You may change the LAN IP address if needed.

IP Address	<input type="text" value="10.1.1.1"/>
Subnet Mask	<input type="text" value="255.0.0.0"/>

- 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-504T.

DHCP Server

Choose this option to setup as a DHCP server to distribute IP addresses to the LAN network.

DHCP Server

Starting IP Address

10.1.1.2

Ending IP Address

10.1.1.254

Lease Time

3600 seconds

DNS Mode

Auto Manual

Primary DNS

10.1.1.1

Secondary DNS

Static IP Assignment

MAC address

IP address

Static IP1:

Static IP2:

Static IP3:

Static IP4:

Static IP5:

Enter MAC address format as xx-xx-xx-xx-xx-xx, i.e: 00-0C-8E-D5-11-22, and IP address format as yy.yy.yy.yy, i.e: 10.1.1.2



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.

DNS Selection	<input type="text" value="Use Auto Discovered DNS Server Only"/>
User Configuration:	<input type="text" value="Disable DNS Relay"/>
	<input type="text" value="Use Auto Discovered DNS Server Only"/>
	<input type="text" value="Use User Discovered DNS Server Only"/>
Preferred DNS Server	<input type="text" value="168.95.1.1"/>
Alternate DNS Server	<input type="text"/>



Apply



Cancel



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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**  **Help**



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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



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Virtual Server

Connection: Pvc0

LAN IP: 10.1.1.2 **New IP**

Category	Available Rules		Applied Rules
<input checked="" type="radio"/> Games	Alien vs Predator	Add > < Remove	
<input type="radio"/> VPN	Asheron's Call		
<input type="radio"/> Audio/Video	Dark Rein 2		
<input type="radio"/> Apps	Delta Force		
<input type="radio"/> Servers	Doom		
<input type="radio"/> User	Dune 2000		
	DirectX (7,8) Games		
	EliteForce		
	EverQuest		
	Fighter Ace II		

View

You must save settings and reboot to take effect.

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



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LAN Clients

IP Address

Host Name

Add

Valid IP Range: **10.1.1.2 - 10.1.1.254**

Static Addresses

Delete	IP Address	Host Names	Type
<input type="checkbox"/>	10.1.1.2	PC	Static

Dynamic Addresses

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



Apply



Cancel



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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="text"/>	<input type="text"/> ▼
<input type="text"/>	<input type="text"/> ▼

Traps

Destination IP	Trap Community	Trap Version
<input type="text"/>	<input type="text"/>	<input type="text"/> ▼
<input type="text"/>	<input type="text"/>	<input type="text"/> ▼
<input type="text"/>	<input type="text"/>	<input type="text"/> ▼

Apply Cancel Help



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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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Filters

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

- Outbound Filter Inbound Filter

IP Inbound Filter

Allow or deny WAN IP address to the internal network.

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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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	
				<ul style="list-style-type: none"> 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



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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



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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



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PPP Connection

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

PVC

PVC0

Connection Setting

Not Connected

Connect

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	▼
Multi-mode	
T1.413	
G.dmt	
G.lite	



Apply



Cancel



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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

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

ATM VCs List

ID	PVC	VPI	VCI	Connection Type	Virtual Circuit	
1	PVC0	8	35	PPPoE/PPPoA	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	



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Administrator Settings

There is only one account that can access the DSL-504T'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-504T system time.

Local Time 06/02/2005 16:16:17

Synchronize the ADSL Router's clock with:

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

Date: Jun 02 2005

Time: 16 : 16 : 17

  
Apply Cancel Help



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Remote Log Settings

Log Level

Add an IP Address

Add

Select a logging destination

Remove



Apply



Cancel



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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-504T 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 : V2.00B01T01.AU

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-504T

Ping Test

Ping IP Address

Ping Result :

Connetions

IGMP Proxy

 Disabled Enabled

Apply



Cancel



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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 : F4

This Page is used for performing diagnostics on the system.

Testing Connectivity to modem	
Testing Ethernet LAN connection	PASS
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 : **V2.00B01T01.AU**

LAN

MAC Address	00:0d:08:00:03:02
IP Address	10.1.1.1
Subnet Mask	255.0.0.0
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



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DHCP Clients

MAC Address	IP Address	Host Name
	10.1.1.2	PC



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View Log

View Log displays the activities occurring on the DSL-504T .

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Clear Log

Save Log



Help

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Time	Message
------	---------

Jan 1 12:00:10>	Valid Configuration Tree
Jan 1 12:00:10>	NTP Polling Timer for DHCP Started successfully.
Jan 1 12:00:10>	DSL Polling Timer Started successfully.
Jan 1 12:00:10>	Firewall NAT service started
Jan 1 12:00:12>	starting on port 80
Jan 1 12:00:12>	Bridge Created: br0
Jan 1 12:00:13>	Bridge Created: br1
Jan 1 12:00:13>	Bridge Interface Added: eth0
Jan 1 12:00:20>	DSL Carrier is down



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Traffic Statistics

Traffic Statistics display Receive and Transmit packets passing through the DSL-504T.

Choose an interface to view your network status:

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

Refresh



Transmit

Good Tx Frames	1400
Good Tx Broadcast Frames	0
Good Tx Multicast Frames	0
Tx Total Bytes	709801
Collisions	0
Error Frames	0
Carrier Sense Errors	0

Receive

Good Rx Frames	7424
Good Rx Broadcast Frames	3850
Good Tx Multicast Frames	857
Rx Total Bytes	908355
CRC Errors	0
Undersized Frames	0
Overruns	19



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Traffic Statistics

Traffic Statistics display Receive and Transmit packets passing through the DSL-504T.

Choose an interface to view your network status:

Ethernet

Display Receive and Transmit packages through Ethernet

ADSL

Display Receive and Transmit packages through ADSL

Refresh



Help

Transmit

Tx PDU's	0
Tx Total Bytes	0
Tx Total Error Counts	0

Receive

Rx PDU's	0
Rx Total Bytes	0
Rx Total Error Counts	0



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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: V2.00B01T01.AU
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



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