

Advanced manual

On the optional cd-rom included with your wireless adsl modemrouter, there is an English manual that explains all the advanced options in your router. To open it, you will need a copy of Adobe Acrobat, also available on the cd-rom. If there is no cd-rom included, please check our webpage, www.e-tech.nu for a copy of the manual.

Factory Settings

To recover factory settings, use a pin to press the small button on the back of the router, marked 'reset' until the WLAN led turns off.

Router User / Password:	Admin / Admin (Note the capital A)
LAN IP adres:	192.168.1.1
LAN subnet mask:	255.255.255.0
DHCP Server:	Enabled (starting at 192.168.1.2)

Support:

Website: On our website, www.e-tech.nu you can find the answers to common problems. Please take care to check the advanced manual on cd-rom before consulting our technical staff.

E-Tech Wireless ADSL Router 54MBPS ADWG02 – Quick Install Guide

Installation

Using this adsl modemrouter, you can share your adsl-connection with up to four computers. Your ADSL Line should be connected to the ADSL port in the back of your router. Your pc's should be connected to ports 1,2,3 or 4.

Changing windows IP setup (Note: these only need to be changed if you modified them!)

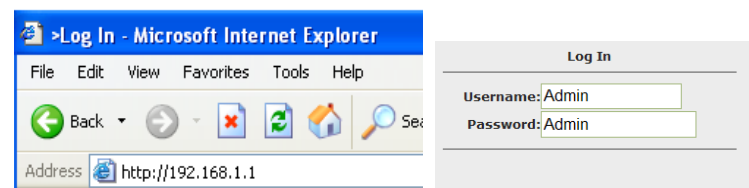
a) **Windows 95, 98, ME:** Click *Start* → *Settings* → *Control Panel* → *Network* → *TCP/IP properties* (Select the TCP/IP set that is connected to the card) Set to *automatic IP*.
b) **Windows 2000,XP:** Click *Start* → *Control Panel* → *Network And Internet Connections* → *Network Connections* → Right-Click the LAN connection and select 'Properties' → Set to *Automatic IP and DNS*

(By default, the router's built-in DHCP server will assign each connected pc an ip address.)

Configuring the router

Start internet explorer or another browser. Check internet settings: Click *Tools* → *Internet Options* → *Connections* → *Never dial a connection*. Check *LAN Settings*: Remove all check marks (proxy/automatic setting should be unchecked!). Then close the Tools menu.

If all the settings are correct, you can open the router web-page at <http://192.168.1.1>. Username is **Admin**, Password is **Admin**. Click the 'login' button to log into the router. Note the capital 'A' letter, it is required. (admin/admin will not work.)



After logging in you will be presented with the router's welcome-screen. Click on **Setup – Wan Setup – New Connection** to begin configuration. You will need to enter the following items:

- Name (The name of the connection, required)
- Options (Nat & Firewall must always be selected)
- Type (PPPoA, PPPoE Router rfc1483 bridged, or Bridge rfc1483)
- Encapsulation (LLC or VC)
- For PPP Connections: Username and Password
- The VPI and VCI of your connection.
- QOS is always UBR. (PCR and SCR must not be used.)
- If this is the only connection, please check 'default gateway'

The exact details are shown in the on the next page of this manual.

Example: Setting up for PPPoA

For this example PPPoA connection, You must set the following options:

Name: Provider
Type: PPPoA
Options: Check NAT and Check Firewall

PPP Settings:

Encapsulation: VC *
Username: Check with your provider
Password: check with your provider
Idle Timeout / Keep Alive / Max Fail: do not change these
On demand must NOT be selected
Default Gateway must be selected
Debug must NOT be selected.

(*This is only an example Please check with your provider for actual PPP settings!)

PVC Settings:

VPI: 8
VCI: 48
QoS: UBR
PCR/SCR: do not enter

When you have entered the settings, click ‘apply’ followed by ‘save settings and reboot’ to permanently store the settings in your router. The router will then reboot, and after about one minute you will be connected to the internet. (ADSL led should be lit)

Checking if your connection works

After the router has started, the ADSL led should blink for a minute, and then stay on. When a PPP or 1483 connection has been made, the router will indicate the connection on the main status page. You can also check the Status – Connection Status page, this should show PPPoA followed by the IP address the provider has assigned, with the state ‘connected’

You can also check the Status - System Log of the router. This should show ‘PPPOA Connection successfully established. If it shows authorisation errors, please check username / password, and if you are sure they are correct, contact your provider.

Tips

- 1. If the adsl led keeps blinking, check if the splitter has been connected correctly.
- 2. If you cannot access the router:
 - Check if the PC received an IP adres (run IPCONFIG) in ms-dos prompt
 - IP Should start with 192.168.1.x and Gateway should be 192.168.1.1
- 3. If ADSL led does not blink, the router is not starting, please contact supplier.
- 4. Under windows 98, please connect the router and turn it on before booting the PC. If you connect the cables after booting, please reboot PC to obtain an IP.

PPPoA Connection Setup

Name: Type: Sharing:

Options: ☒ NAT ☒ Firewall VLAN ID: Priority Bits:

PPP Settings

Encapsulation: ☐ LLC ☒ VC

Username:

Password:

Idle Timeout: secs

Keep Alive: min

Authentication: ☒ Auto ☐ CHAP ☐ PAP

MTU: bytes

On Demand: ☐ Default Gateway: ☒ Debug: ☐

PVC Settings

PVC:

VPI:

VCI:

QoS:

PCR: cps

SCR: cps

MBS: cells

CDVT: usecs

Other ADSL settings

Included are some more settings for PPP ADSL-Providers.

PPPoA Providers:

Provider	Carrier	VPI/VCI	Encapsulation	Username example
Planet	KPN	8/48	PPPoA VC-Mux	user@adsl-comfort user@adsl-standard user@adsl-advanced
Luxembourg Online	Analogue	8/35	PPPoA VC-Mux	
Luxembourg Online	ISDN	8/35	PPPoA LLC	
Versatel Family (ppp) (old accounts)	Versatel	0/32	PPPoA VC-Mux	user@versatel-family
XS4ALL	KPN	8/48	PPPoA VC-Mux	user@xs4all-lite-adsl user@xs4all-basic-adsl user@xs4all-fast-adsl
If your provider is not in this list, but you have a username/password for ADSL, please contact your provider for more information.				

1483 Bridged IP Providers

Below are some more settings for DHCP ADSL-Providers.

Provider	Carrier	VPI/VCI	Encapsulation	Remarks
Demon	BBned Economy	0/35	1483 Bridged IP LLC	Mac adresregistration *1
Demon	BabyXL	0/34	1483 Bridged IP LLC	Mac adresregistration *1
Versatel Family/Budget/Gratis	Versatel DHCP	0/32	1483 Bridged IP LLC	
Tiscali Surf/Family/live	BabyXL	0/34	1483 Bridged IP LLC	Mac adresregistration *2
1483 Bridges work without a username or password. If you received an ‘ADSL dialup’ password from your provider, you most likely have a PPP connection, and not a 1483 connection.				