

# Dynalink RTA 1025W

# Configuring in Layer2 PPPoE for Windows XP and 2000

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Please note: Please have your router powered on and connected directly to your PC via Ethernet cable before you begin as these instruction are based on Ethernet

### **1.0 Network Configuration**

PPPoE connection does not require you to have an IP address or DNS settings manually encoded on your network card. PPPoE connection uses authentication to establish the Internet connection and its after doing this that your router is assigned an IP and DNS settings from TPG.

To begin, your PC needs to receive a private IP address from the router. Most ADSL routers have DHCP enabled by default that will take care of this.

To ensure your Network Card is ready for this, please follow the following steps:

- a. Click on Start -> Settings ->Control Panel -> Network Connections
- b. Find your Network Card then right click on this and select **Properties**



c. Double click on Internet Protocol TCP/IP

🕂 Local Area Connection 5 Properties 🛛 🔹 💽
General Authentication Advanced
Connect using:
Intel(R) PRO/100 S Desktop Adapter
Configure
This connection uses the following items:
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.
Show icon in notification area when connected
OK Cancel

- d. Ensure "Obtain an IP address automatically" is selected
- e. Ensure **"Obtain DNS server address automatically"** is selected
- f. Click on OK

Internet Protocol (TCP/IP) Prop	oerties 🛛 🖓 🔀
General Alternate Configuration	
You can get IP settings assigned aut this capability. Otherwise, you need t the appropriate IP settings.	omatically if your network supports o ask your network administrator for
Obtain an IP address automatic	ally
Use the following IP address: -	
IP address:	
S <u>u</u> bnet mask:	
Default gateway:	
Obtain DNS server address aut	omatically
OUse the following DNS server a	iddresses:
Preferred DNS server:	
Alternate DNS server:	
	Ad <u>v</u> anced
	OK Cancel

### 2.0 Configuring Internet Connection in Layer 2 PPPoE

- a. Open your browser and in the address bar type http:// 192.168.1.1 and press enter
- b. Enter **admin** for both the username and password and click on **OK**. If you have changed the login credential, please enter the current username and password for your router interface.

Connect to 192	2.168.1.1 🛛 🛛 🔀
7	GR
Wireless ADSL2+	Router
User name:	😰 admin 🔛
Password:	•••••
	Remember my password
	OK Cancel

c Click on Quick Setup in the left menu and then untick the box Auto Scan Internet Connection (PVC) Click on Next



< Back Next >

f. Ensure Obtain an IP address automatically is selected Enable NAT is selected MTU is 1492 Click on Next



- g. Enter your TPG Username and Password in the relevant fields:
  - PPP Username:
    - <TPGusername>@L2TP.tpg.com.au for Fixed IP plans
    - **<TPGusername**>@PPP.tpg.com.au for Dynamic IP plans (e.g. adsl1234@L2TP.tpg.com.au)

PPP Password: Your Password by default is the same as your
**TPGusername>** however if you have changed your password since registration time, please use your current TPG password

Select "Always on" radial button

Click on Next



 No changes are needed on the following screen Click Next



i. Confirm all settings and click on Finish

< Back Next >

Quick Start | Status | Advanced | Wireless | B Dynalink Management age: English 💙 This Internet Connection -- Summary ect to Inte Quick Setun Make sure that the settings below match the settings provided by your ISP Internet (WAN) Configuration: 8/35 VPI / VCI Connection Type PPPoE LLC/SNAP, Always On, QoS On NAT Enabled WAN IP Address Automatically Assigned Default Gateway Automatically Assigned DNS Server Automatically Assigned LAN Configuration: Primary LAN IP 192.168.1.1 / 255.255.255.0 Secondary LAN IP 0.0.0.0 / 255.255.255.255 DHCP Server On 192.168.1.2 ~ 192.168.1.254 DHCP Lease Time 1 days 0 hours 0 minutes A2pB021g.d19b 3.91.41.0 Click "Finish" to accept these settings, and reboot the system Click "Back" to make any modifications, < Back Finish Your router will now reboot i. D 03 B Dynalink Quick Start | Status | Advanced i Wireless Managemer Reboot ADSL Router Connect to Internet Quick Setup The ADSL router has been configured and is rebooting Close the ADSL router configuration window and wait for 2 minutes before reopening your web browser. If necessary, reconfigure your PC's IP address to match your new web browser. configuration.

D

k. Once connected, you should get a confirmation



#### 3.0 **Configuring Wireless**

### Things you need to know before you begin:

- By default the RTA1025W does not have wireless security setup. We recommend that you follow the steps below to set this us before you use wireless
- To use wireless be sure that you already have set up your wireless adapter.
- To begin your wireless setup, you can connect your \_ computer to your router via Ethernet cable.
- If you are still logged into your router, click on "Wireless" in the a. top menu. If you are not logged in anymore use your browser to go to 192.168.1.1 and login with admin as the username and password (by default)

Connect to 192	2.168.1.1 🛛 🛛 🔀
R	GR
Wireless ADSL2+	Router
User name:	🖸 admin 🔛
Password:	•••••
	Remember my password
	OK Cancel

- b. Click on Wireless in the top menu
- In the Basic settings, please check that you have the below c. settings. Please take note of your SSID (wireless network name)



- Click on Apply d.
- e. Click on Security in the left menu
- Drop the Wireless Security menu down and select "64-bit f. WEP"



For the Encryption Key Format, select Hexadecimal q. In the 'Key 1' field enter a 10-character key of your choice consisting of only numbers 0-9 and letters A-F (lower case is ok). This key will be used when any computer wants to connect to your router. Please remember this key

For advanced users, you can instead use ASCII character option. This requires 5 ASCII characters

			Lang	uage: English
asic Settings ecurity	support the same ty 802.1x.	pe of security. Most supp	ort WEP, but not all sup,	port WPA, WPA
Access Control	Wireless Security:	64-bit WEP	~	
epeater	Authentication Type	: Open System 💌		
	Encryption Keys			
	Enter 5 ASCII chara	cters or 10 hexadecimal	digits for 64-bit encryptic	on keys.
	Format:	<li>Hexadecimal d</li>	ligits (0-9, A-F, and a-f are	valid)
		○ASCII characte except: & < § , \ )	BrS (any printable character.	s are valid
	Key1:		>	
	Key2:			
	Key3:			
rmware: 3.30j	Key4:			
DSL2+: M208021g.d19b				

- Click on Apply h.
- To connect using wireless, go to Start -> Control Panel i.



j. Double click on 'Network Connections'



 Right click on your wireless adapter and go to 'View Available Wireless Networks'



I. Find the SSID (network name) of your router and click on **Connect**. By default the SSID should start with **RTA1025W** 



- **m**. You will now be prompted to enter your WEP Key.
- n. After click on **Connect**
- o. You should now see your status as 'Connected'

### **4.0 IPTV**

The IPTV configuration manual for RTA 1025W is available on TPG website at <u>//www.tpg.com.au/iptv/download.php</u>

### 5.0 Change of Password

For security purposes we highly recommend that you change your password if you are using your default or if you believe your

For security purposes we highly recommend that you change your password if you are using your default or if you believe your password security has been compromised.

To change your password, first please visit

https://cyberstore.tpg.com.au/your\_account/changepass.html. Your new password will take approximately 10-15 minutes to take effect, after which you must reconfigure your new password in your router.

To change your password in your router, please follow the following steps:

- a. Open your browser and in the address bar type http:// 192.168.1.1 and press enter
- b. Enter **admin** for both the username and password and click on **OK**. If you have changed the login credential, please enter the current username and password for your router interface
- c. In the Password field, enter your new TPG password

<b>பீ<sup>த</sup> Dynalink</b> ல	k Start i Status i Advanced i Wireless i Management
	Langu
Connect to Internet	Connect to Internet
Quick Setup	Your ADSL router is ready to connect to Broadband.
	Enter your Broadband user name and password, then dick "Connect"
	Internet Connection: pppoe_8_35_1
	Total Online Time: 0 secs
	Broadband User Name <pre>CTPG Username&gt;</pre>

d. Click on Connect

Please Note: ADSL routers will by default be capable of automatic authentication. This means your router will use your credentials you have provided to make the Internet connection. Each time your router is powered on, it will initialize this automated authentication process after which your router will receive a public IP address (fixed or dynamic depending on your plan) and DNS settings from TPG

### **Support Information**

For further assistance, please call TPG Technical Support on 1300 360 855

Technical Support Opening Hours:Monday to Friday8:00am - MidnightWeekends9:00am - 9:00pmPublic holidays9:00am - 6:00pm

