

Internet Broadband Router

XRT-501

Quick Installation Guide

Table of Contents

1. Requirements	3
2. Before Startup	3
2.1 Physical Installation	3
2.2 Configuration	4
3. Quick Installation.....	5
Step1) Choose your ISP type.....	5
3.1 Cable modem (TV-style cable).....	7
3.2 DSL/ADSL modem (phone-type cable).....	8
3.2.1 PPPoE.....	9
3.2.2 PPTP	10
3.2.3 L2TP	11
3.2.4 Dynamic (no user name and password)	12
3.3 Telstra Bigpond Cable (Australia)	12
3.4 SingTel RAS	13
3.5 Other	14
Step2) DNS.....	15
Step3) Test Internet Connection.....	16
4. Further Information	16

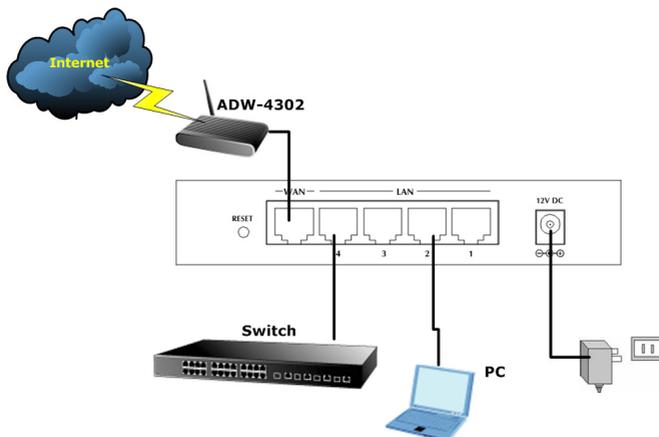
1. Requirements

- DSL or Cable modem for broadband Internet access.
- Network cables. Use standard 10/100/1000Base-T network (UTP) cables with RJ45 connectors.
- TCP/IP network protocol installed on each PC.

2. Before Startup

2.1 Physical Installation

Setup your network as shown in the setup diagram below



1. Use standard LAN cables to connect PCs to the Switching Hub ports on the XRT-501, or you can directly connect PCs to XRT-501, you may use 10Base-T, 100Base-TX, or 1000Base-T connections, and all connection types can be used simultaneously.
2. If required, connect any port to a normal port on another Hub, using a standard LAN cable. Any LAN port on the XRT-501 will automatically function as an "Uplink" port when required.
3. Connect the DSL or Cable modem to the WAN port on the XRT-501. Use the cable supplied with your DSL/Cable modem. If no cable was supplied, use a standard cable.
4. Connect the supplied Power Adapter and power on.
5. Check the LEDs

- The *Power* LED should be ON.
- *Status* LED should flash, and then turn off. If it stays on, there is a hardware error.
- For each LAN connection, one of the *LAN* LEDs (10, 100, or 1000) should be ON (provided the PC is also ON.)
- One of the *WAN* LEDs (10, 100, or 1000) should be ON, provided the Broad-band modem is powered up.

2.2 Configuration

Then, you need to setup your LAN PC clients, so that it can obtain an IP address automatically. By default the XRT-501's DHCP server is enabled, so you can obtain an IP address automatically.



Note

Please make sure that the XRT-501's DHCP server is the only DHCP server available on your LAN. If there is another DHCP on your network, then you'll need to switch one of the DHCP servers off.

Once your PC has obtained an IP address from your router, please start your Web Browser. In the Address box, enter **<http://192.168.0.1>**, and then press <enter>

The login screen below will appear. Enter the "User Name" and "Password" and then click <OK> to login.



Note

By default, the user name and password both are **"admin"**. For security reasons it is recommended to change the password at the first login and memorize it.

Connect to 192.168.0.1

User name: admin

Password: ●●●●●●

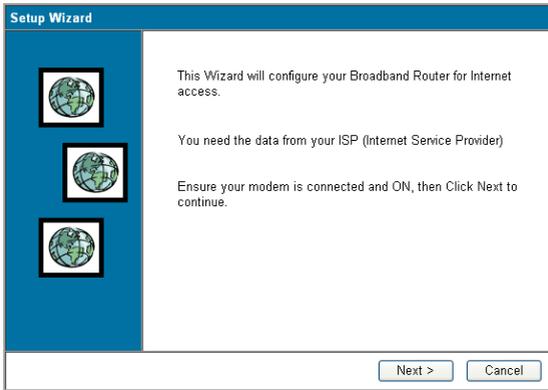
Remember my password

OK Cancel

3. Quick Installation

This section intends to help you setup the XRT-501 as fast as possible. The setup includes Wizard setup, and different type of Internet connection. For more information about the settings, please also refer to the user's manual in the supplied CD-ROM.

In the Setup Wizard you are required to fill in only the information necessary to access the Internet. Once you click on the **Wizard**, you will see the screen below.



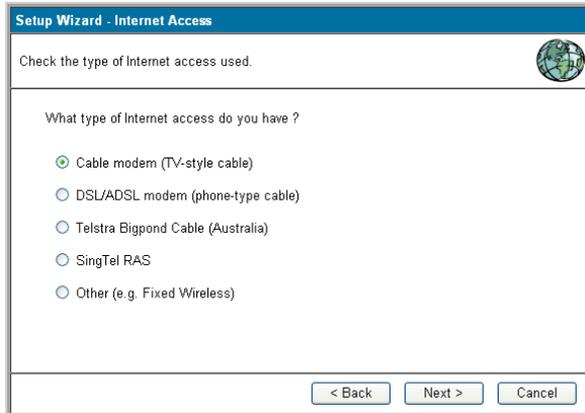
Step1) Choose your ISP type

In this section you have to select one of these types of connections that you will be using to connect your XRT-501's WAN port to your ISP (see screen below).



Note

Different ISP's require different methods of connecting to the Internet, please check with your ISP as to the type of connection it requires.



Parameter	Description
3.1 Cable Modem	Your ISP will automatically give you an IP address.
3.2 DSL/ADSL	Your ISP requires you to use an xDSL over Ethernet connection.
3.3 Telstra Bigpond Cable	For Telstra BigPond (Australia) use only.
3.4 SingTel RAS	For SingTel RAS (Singapore) use.
3.5 Other	You can directly to setup the ISP type with Specified (Fixed) or Dynamic IP Address

Click on one of the WAN types and then proceed to the manual's relevant sub-section (**3.1, 3.2, 3.3, 3.4 or 3.5**). Click on **Back** to return to the previous screen.

3.1 Cable modem (TV-style cable)

Choose Cable Modem if you're ISP will automatically give you an IP address. Some ISP's may also require that you fill in additional information such as MAC address (see screen below).

Parameter	Description
Host Name	Some ISP's may also require you to use a particular Hostname, Domain name, or MAC (physical) address. If required, please enter Hostname, Domain name provided by your ISP.
Domain Name	
Clone MAC Address	Use "Clone MAC address" button to copy the MAC (physical) address from your PC to the XRT-501.
MAC (physical) Address	Your ISP may require a particular MAC address in order for you to connect to the Internet. This MAC address is the PC's MAC address that your ISP had originally connected your Internet connection to. Type in this MAC address in this section or use the Clone MAC Address button to replace the WAN MAC address with the MAC address of that PC (you have to be using that PC for the Clone MAC Address button to work).

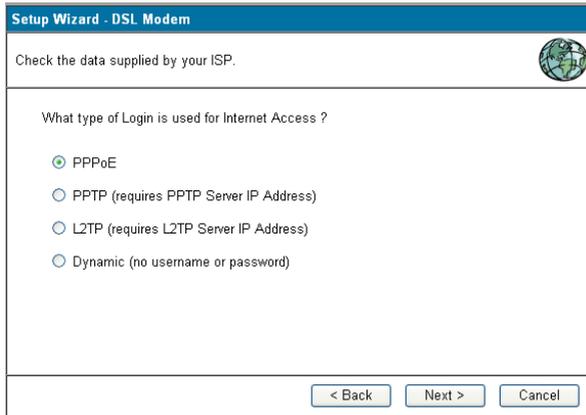


Note

The MAC address section is optional and you can skip this section if your ISP does not require these settings for you to connect to the Internet.

3.2 DSL/ADSL modem (phone-type cable)

In this section you have to select one of these DSL/ADSL types that you will be using to connect your XRT-501's WAN port to your ISP (see screen below).



Setup Wizard - DSL Modem

Check the data supplied by your ISP.

What type of Login is used for Internet Access ?

- PPPoE
- PPTP (requires PPTP Server IP Address)
- L2TP (requires L2TP Server IP Address)
- Dynamic (no username or password)

< Back Next > Cancel

Parameter	Description
3.2.1 PPPoE	Your ISP requires you to use a Point-to-Point Protocol over Ethernet (PPPoE) connection.
3.2.2 PPTP	Your ISP requires you to use a Point-to-Point Tunneling Protocol (PPTP) connection.
3.2.3 L2TP	Layer 2 Tunneling Protocol is a common connection method used in xDSL connections.
3.2.4 Dynamic	Your ISP will automatically give you an IP address.

3.2.1 PPPoE

Select Dial-Up xDSL (PPPoE) if your ISP requires the PPPoE protocol to connect you to the Internet. Your ISP should provide all the information required in this section.

Setup Wizard - PPPoE

Check the data supplied by your ISP.

Enter the PPPoE "Username" and "Password" provided by your ISP.

User Name: t0399199

Password: ●●●●●●

Connect behavior: Automatic Connect/Disconnect

Auto-disconnect Timeout period: 15 min

< Back Next > Cancel

Parameter	Description
User Name	Enter the User Name provided by your ISP for the PPPoE connection.
Password	Enter the Password provided by your ISP for the PPPoE connection.
Connect behavior	Select the connection behaviors that you wish it be to Automatic Connect, Manual Connect, or Keep alive.
Auto-disconnect Timeout period	You can specify an idle time threshold (minutes) for the WAN port. This means if no packets have been sent (no one using the Internet) during this specified period, the router will automatically disconnect the connection with your ISP.

3.2.2 PPTP

Select PPTP if your ISP requires the PPTP protocol to connect you to the Internet. Your ISP should provide all the information required in this section.

Setup Wizard - PPTP

Check the data supplied by your ISP.

PPTP Server: Name: IP Address:

Login User Name:

Login Password:

Connect behavior: ▼

Auto-disconnect Timeout period: min

< Back Next > Cancel

Parameter	Description
PPTP Server	Specify PPTP Server Name or IP address that you want to connect to.
Login User Name	Enter the User Name provided by your ISP for the PPTP connection.
Login Password	Enter the Password provided by your ISP for the PPTP connection.
Connect behavior	Select the connection behaviors that you wish it be to Automatic Connect, Manual Connect, or Keep alive.
Auto-disconnect Timeout period	You can specify an idle time threshold (minutes) for the WAN port. This means if no packets have been sent (no one using the Internet) during this specified period, the router will automatically disconnect the connection with your ISP.

3.2.3 L2TP

Select L2TP if your ISP requires the L2TP protocol to connect you to the Internet. Your ISP should provide all the information required in this section.

Setup Wizard - L2TP

Check the data supplied by your ISP.

L2TP Server: Name: IP Address:

Login User Name:

Login Password:

Connect behavior: ▾

Auto-disconnect Timeout period: min

< Back Next > Cancel

Parameter	Description
L2TP Sever	Specify L2TP Server Name or IP address that you want to connect to.
Login User Name	Enter the User Name provided by your ISP for the L2TP connection.
Login Password	Enter the Password provided by your ISP for the L2TP connection.
Connect behavior	Select the connection behaviors that you wish it be to Automatic Connect, Manual Connect, or Keep alive.
Auto-disconnect Timeout period	You can specify an idle time threshold (seconds) for the WAN port. This means if no packets have been sent (no one using the Internet) during this specified period, the router will automatically disconnect the connection with your ISP.

3.2.4 Dynamic (no user name and password)

Setup Wizard - IP Address

Check the data supplied by your ISP.

What type of IP Address was assigned by your ISP?

IP Address is assigned automatically (Dynamic IP Address)

Specified IP Address (Static IP Address)

DNS: Automatic (obtain from server)

Fixed:

< Back Next > Cancel

Parameter	Description
Dynamic IP Address	Your IP Address is allocated automatically, when you connect to you ISP.

3.3 Telstra Bigpond Cable (Australia)

This connection is only for Telstra BigPond (Australia) use.

Setup Wizard - Big Pond (Telstra, Australia)

Check the data supplied by your ISP.

Server IP Address: 10 1 1 1

Login User Name: guest

Login Password: ●●●●●

Connect behavior: Automatic Connect/Disconnect

Auto-disconnect Timeout period: 15 min

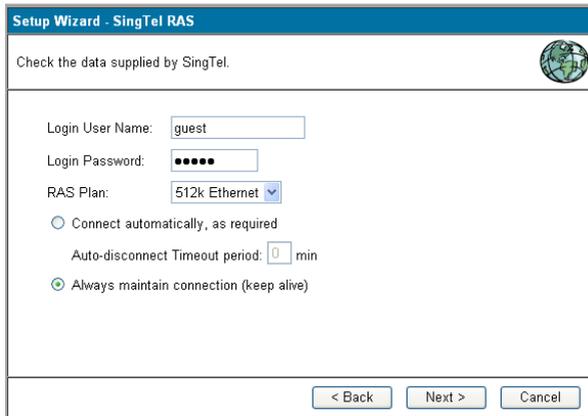
< Back Next > Cancel

For this connection method, the following data is required, and these information provided by your ISP.

- ◆ User Name
- ◆ Password
- ◆ Big Pond Server IP address

3.4 SingTel RAS

This connection is only for SingTel RAS (Singapore) use.



The screenshot shows a window titled "Setup Wizard - SingTel RAS". The main text reads "Check the data supplied by SingTel." with a globe icon to the right. Below this, there are several input fields and options:

- Login User Name:
- Login Password:
- RAS Plan: (dropdown menu)
- Connect automatically, as required
 - Auto-disconnect Timeout period: min
- Always maintain connection (keep alive)

At the bottom of the window, there are three buttons: "< Back", "Next >", and "Cancel".

For this connection method, the following data is required, and these information provided by your ISP.

- ◆ User Name
- ◆ Password
- ◆ RAS Plan

3.5 Other

Setup Wizard - IP Address

Check the data supplied by your ISP.

What type of IP Address was assigned by your ISP?

IP Address is assigned automatically (Dynamic IP Address)

Specified IP Address (Static IP Address)

DNS: Automatic (obtain from server)

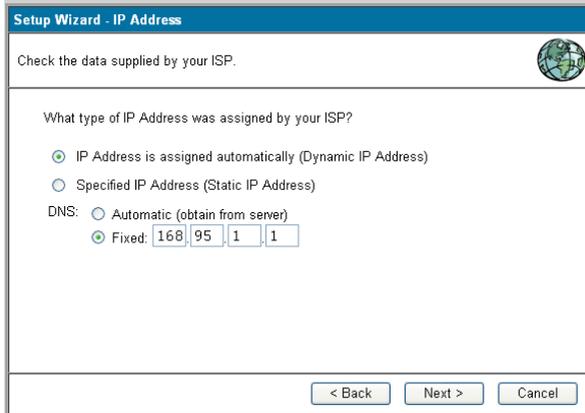
Fixed: [] . [] . [] . []

< Back Next > Cancel

Parameter	Description
Specified (Fixed) IP Address	The IP Address provided by your ISP, and related information.
Dynamic IP Address	Your IP Address is allocated automatically, when you connect to you ISP.

Step2) DNS

A Domain Name System (DNS) server is like an index of IP addresses and Web addresses. If you type a Web address into your browser, such as www.router.com, a DNS server will find that name in its index and the matching IP address. Most ISPs provide a DNS server for speed and convenience. If your Service Provider connects you to the Internet with dynamic IP settings, it is likely that the DNS server IP address is provided automatically. However, if there is a DNS server that you would rather use, you need to specify the IP address of that DNS server here.



Setup Wizard - IP Address

Check the data supplied by your ISP.

What type of IP Address was assigned by your ISP?

IP Address is assigned automatically (Dynamic IP Address)

Specified IP Address (Static IP Address)

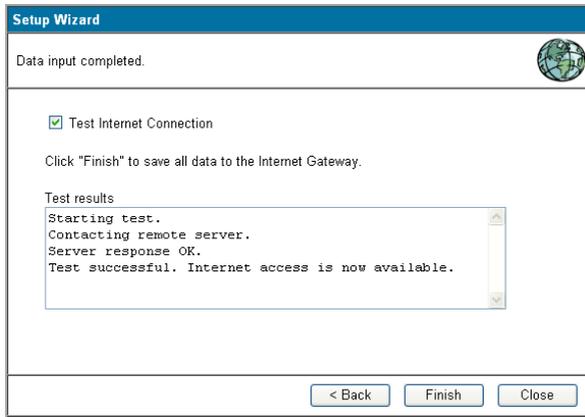
DNS: Automatic (obtain from server)

Fixed:

< Back Next > Cancel

Parameter	Description
Automatic	It will detect the DNS server automatically
Fixed	This is the ISP's DNS server IP address that they gave you; or you can specify your own preferred DNS server IP address

Step3) Test Internet Connection



Select **"Test Internet Connection"**, and then click <Finish> when you have finished the configuration above. It will run the test and check the Internet connection can be established or not.

Congratulations! You have completed the connection configuration after test successful, and now you can start using the router.

4. Further Information

If you still have any problem on connecting, please check user's manual on the bundled CD for detail configuration.

If you have any other questions, please contact the dealer where you purchased this product or you can contact PLANET directly at the following email address: support@planet.com.tw