

**802.11n Wireless
ADSL 2/2+ Router**

ADN-4000

Quick Installation Guide

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Package Contents

The following items should be included:

- ADN-4000 Unit x 1
- Quick Installation Guide x 1
- User's Manual CD x 1
- Power Adapter x 1
- RJ-45 Cable x 1
- RJ-11 Cable x 2
- Antenna x 3
- ADSL Splitter x 1

If any of the above items are damaged or missing, please contact your dealer immediately.

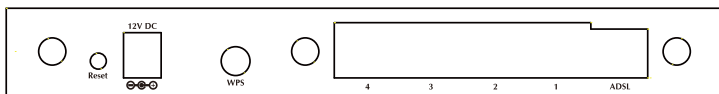
Physical Details

Front Panel LEDs



LED	Status	Description
PWR	ON	The Router is ready.
WLAN	OFF	Wireless LAN is disabled
	BLINKING	Wireless traffic is transmitting or receiving
WPS	OFF	WPS function is disabled
	BLINKING	WPS function is enabled
ADSL	ON	Connected to an ADSL DSLAN successfully
	BLINKING	No Connection
LAN1-4	ON	The LAN cable is connected to the router
	OFF	No Connection
	Blinking	Network traffic transferring or receiving through the LAN port

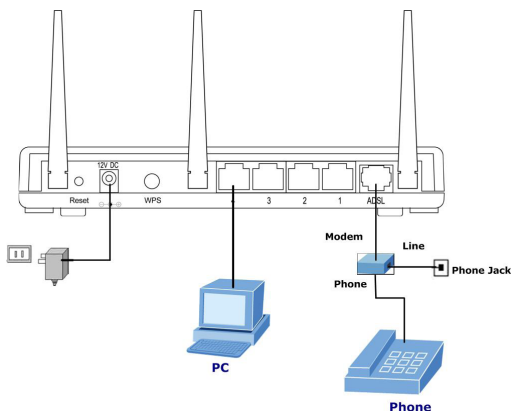
Rear Panel



Rear panel Port and Button Definition

Port	Description
Reset	<ul style="list-style-type: none">• Reboot router: press the reset button for less than 5 seconds, and it will keep your original configurations.• Load factory default setting: press the reset button for longer than 5 seconds and the router will reset itself to the factory default settings <p>(Warning! your original configurations will be replaced with the factory default settings)</p>
Power	Power connector with 12V DC 1A.
WPS Button	Wi-Fi Protected Setup (WPS) is the simplest way to build connection between wireless network clients and this ADSL router. Press this button on the router and enable WPS function of the wireless clients, the router and clients will automatically configure the security key and connect directly. Please note that the router will wait for WPS requests from wireless clients in 2 minutes after the WPS button is pressed.
LAN1-4	Router is successfully connected to a device through the corresponding port (1, 2, 3, or 4). If the LED is flashing, the Router is actively sending or receiving data over that port.
ADSL Connector	The RJ-11 connector allows data communication between the modem and the ADSL network through a twisted-pair phone wire.

Installation Procedure



1. Choose an Installation Site

Select a suitable place on the network to install the ADN-4000.



Note

For best Wireless reception and performance, the ADN-4000 should be positioned in a central location with minimum obstructions between the ADN-4000 and the PCs.

Also, if using multiple Access Points, adjacent Access Points should use different Channels.

2. Connect LAN Cables

Use standard LAN cables to connect PCs to the Switching Hub ports on the ADN-4000. Both 10Base-T and 100Base-TX connections can be used simultaneously.

If required, connect any port to a normal port on another Hub, using a standard LAN cable. Any LAN port on the ADN-4000 will automatically function as an "Uplink" port when required.

3. Connect ADSL Cable

Connect the supplied ADSL cable from to the WAN port on the ADN-4000 (the RJ-11 connector) to the ADSL terminator provided by your phone company.

4. Power Up

Connect the supplied power adapter to the ADN-4000. Use only the power adapter provided. Using a different one may cause hardware damage.

5. Check the LEDs

- The PWR LED should be ON.
- The WLAN LED should be flash, when wireless AP is ready.
- The ADSL LED should be ON if ADSL line is connected.
- For each LAN (PC) connection, one of the LAN LEDs should be ON (provided the PC is also ON.)

Configuration

The ADN-4000 contains a HTTP server. This enables you to connect to it, and configure it, using your Web Browser.

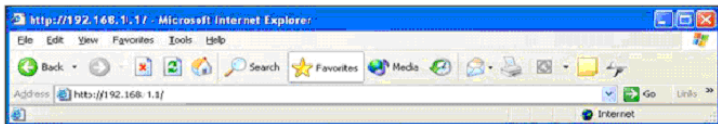
Preparation

Before attempting to configure the ADN-4000, please ensure that:

- Your PC can establish a physical connection to the ADN-4000. The PC and the ADN-4000 must be directly connected (using the Hub ports on the ADN-4000) or on the same LAN segment.
- The ADN-4000 must be installed and powered ON.
- If the ADN-4000's default IP Address (192.168.1.1) is already used by another device, the other device must be turned OFF until the ADN-4000 is allocated a new IP Address during configuration.

Using your Web Browser

1. Open web browser and type `http://192.168.1.1` in the browser's address box. This number is the default IP address for this device. Press Enter.



2. A user name and password prompt will appear. The user name and password are both "admin".

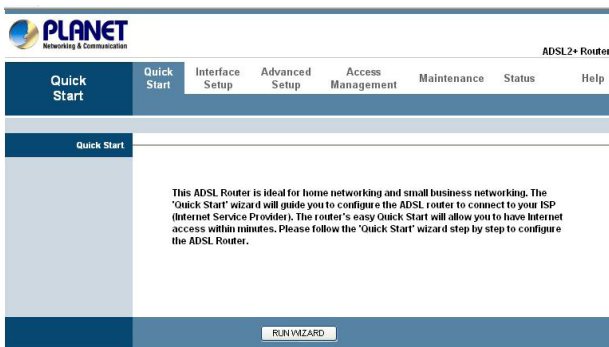


Setup Wizard


You can use "Setup Wizard" to setup the router as follows, and the router will connect to the Internet via ADSL line.

Click "Quick Start" to get into the quick setup procedures.

Click "RUN WIZARD" to start up this procedure.



Step 1 - Click "**Next**" to begin these four quick steps.



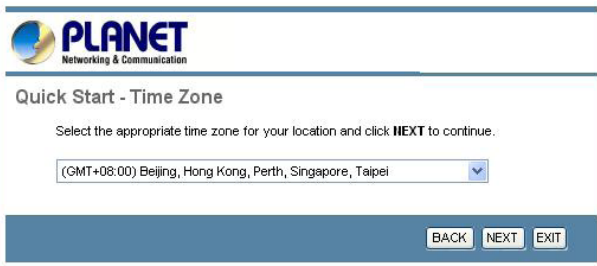
The screenshot shows the PLANET Networking & Communication logo at the top. Below it is the heading "Quick Start". The main text reads: "The Wizard will guide you through these four quick steps. Begin by clicking on **NEXT**." Below this text is a list of four steps: "Step 1. Set your new password", "Step 2. Choose your time zone", "Step 3. Set your Internet connection", and "Step 4. Save settings of this ADSL Router". At the bottom of the page, there is a blue bar containing two buttons: "NEXT" and "EXIT".

Step 2 - Click "**Next**" to setup your new administrator's password.



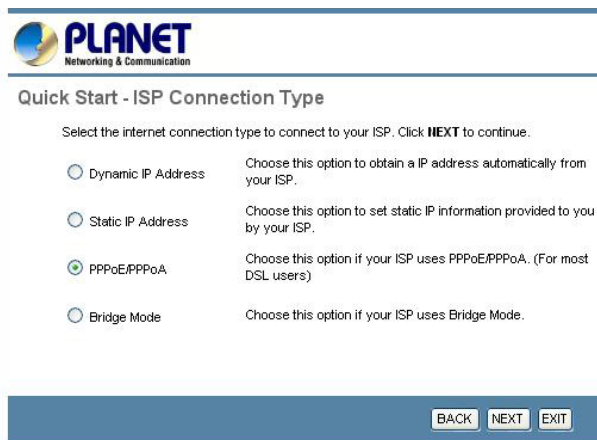
The screenshot shows the PLANET Networking & Communication logo at the top. Below it is the heading "Quick Start - Password". The main text reads: "You may change the **admin** account password by entering in a new password. Click **NEXT** to continue." Below this text are two password input fields. The first is labeled "New Password:" and the second is labeled "Confirmed Password:". Both fields contain six dots to mask the characters. At the bottom of the page, there is a blue bar containing three buttons: "BACK", "NEXT", and "EXIT".

Step 3 - Click **"Next"** to setup your time zone.



The screenshot shows the PLANET Networking & Communication logo at the top. Below it is the title "Quick Start - Time Zone". The instruction reads: "Select the appropriate time zone for your location and click **NEXT** to continue." A dropdown menu is displayed with the selected option "(GMT+08:00) Beijing, Hong Kong, Perth, Singapore, Taipei". At the bottom right, there are three buttons: "BACK", "NEXT", and "EXIT".

Step 4 - Click **"Next"** to setup your Internet connection type. You can have this information from your Internet Service Provider.

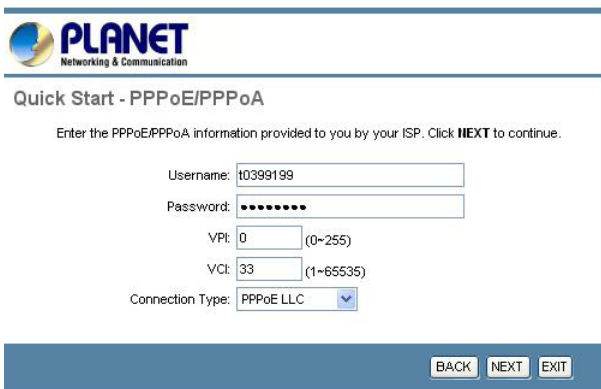


The screenshot shows the PLANET Networking & Communication logo at the top. Below it is the title "Quick Start - ISP Connection Type". The instruction reads: "Select the internet connection type to connect to your ISP. Click **NEXT** to continue." There are four radio button options, each with a description:

- Dynamic IP Address: Choose this option to obtain a IP address automatically from your ISP.
- Static IP Address: Choose this option to set static IP information provided to you by your ISP.
- PPPoE/PPPoA: Choose this option if your ISP uses PPPoE/PPPoA. (For most DSL users)
- Bridge Mode: Choose this option if your ISP uses Bridge Mode.

At the bottom right, there are three buttons: "BACK", "NEXT", and "EXIT".

Step 5 - Enter the connection information provided by your ISP.



The screenshot shows the PLANET Networking & Communication logo at the top left. Below it, the title "Quick Start - PPPoE/PPPoA" is displayed. A message reads: "Enter the PPPoE/PPPoA information provided to you by your ISP. Click **NEXT** to continue." The form contains the following fields:

- Username:
- Password:
- VPI: (0-255)
- VCI: (1-65535)
- Connection Type: (dropdown menu)

At the bottom right, there are three buttons: **BACK**, **NEXT**, and **EXIT**.

Step 6 - The Setup Wizard has completed. If you have any change or mistake, click "**Back**" to modify it, or click "**Next**" to save the current settings.



The screenshot shows the PLANET Networking & Communication logo at the top left. Below it, the title "Quick Start Complete !!" is displayed. A message reads: "The Setup Wizard has completed. Click on **BACK** to modify changes or mistakes. Click **NEXT** to save the current settings." At the bottom right, there are three buttons: **BACK**, **NEXT**, and **EXIT**.

Step 7 - Saved Changes.



Home Screen

After finishing the Setup Wizard, you will see the Home screen. When you connect in future, you will see this screen when you connect. An example screen is shown below.

The screenshot displays the PLANET ADSL2+ Router Home Screen. The interface includes a navigation menu with the following items: Quick Start, Interface Setup, Advanced Setup, Access Management, Maintenance, Status (highlighted), and Help. Below the navigation menu, there are sub-menus for Device Info, System Log, and Statistics. The main content area is divided into sections for Device Information, LAN, WAN, and ADSL, each with its own set of configuration details.

Section	Details
Device Information	Firmware Version (0420): 2.11.32.1(NRE0.C29)3.9.9.5 MAC Address: 00.30.4f.48.e2.ed
LAN	IP Address: 192.168.1.1 Subnet Mask: 255.255.255.0 DHCP Server: Enabled
WAN	Virtual Circuit: <input type="text" value="PVC0"/> <input type="button" value="v"/> Status: Connected Connection Type: PPPoE IP Address: 203.73.79.134 Subnet Mask: 255.255.255.255 Default Gateway: 203.73.79.1 DNS Server: 168.95.1.1 PPP connection time: 0:00:00:29
ADSL	ADSL Firmware Ver: FwVer:3.9.9.5_TC3085 HwVer:T14 F7_3.0 Line State: Showtime Modulation: G.DMT Annex Mode: ANNE_X_A

Further information

If you still have problem on connecting to your ISP, please check the 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

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