



300N Draft 802.11n Wireless Router

Model # AR625W

Quick Installation Guide

Section 1

This Quick Installation Guide only provides the basic instructions. For more detailed information, please refer to the User's Manual in the supplied CD.

Connecting the Router

Note: Prior to connecting the router, be sure to power off your computer, DSL/Cable modem, and the router. To achieve maximum wireless coverage, tilt the router's antennas outward at 45° angle.

Step 1 Connect one end of a network cable to the **WAN** port of the router and connect the other end of the cable to the DSL/Cable modem.

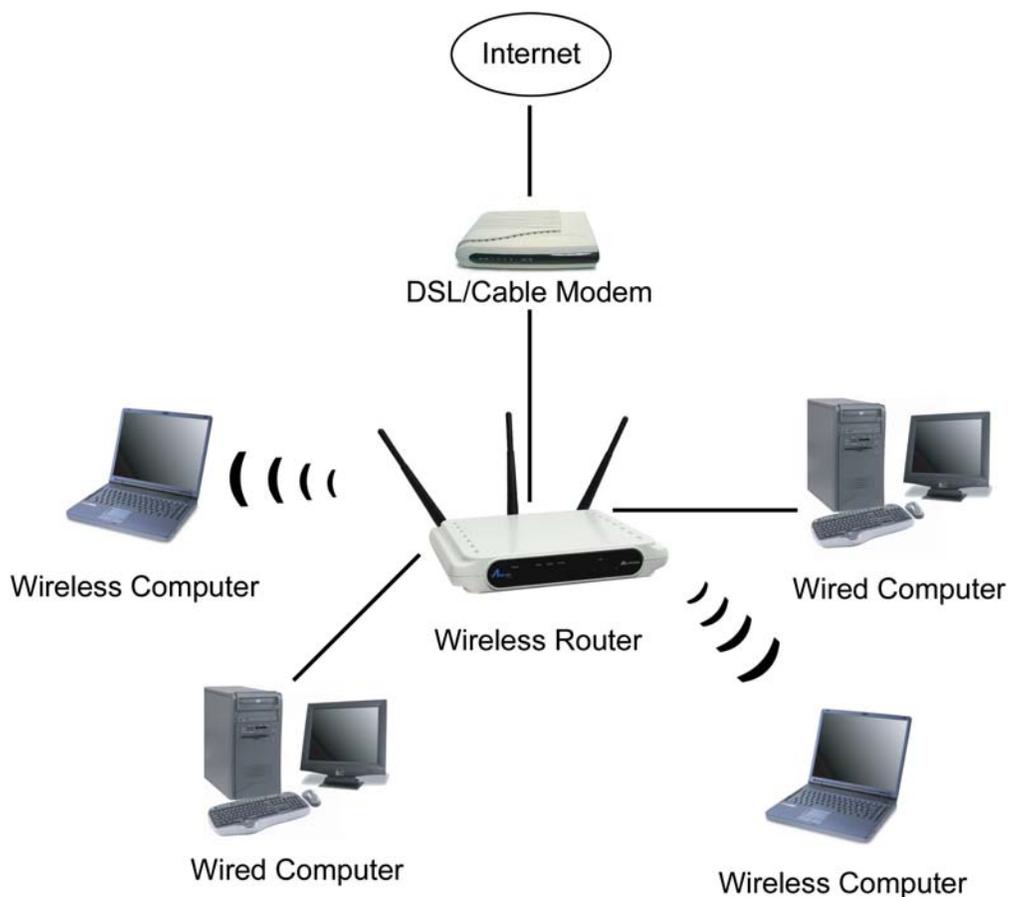
Step 2 With another network cable, connect one end of the cable to your computer's network card and connect the other end to one of the **LAN** ports of the router.

Step 3 Power on the DSL/Cable modem and wait for the lights on the modem to settle down.

Step 4 Power on the router by connecting one end of the supplied power adapter to the power jack of the router and connecting the other end to an electrical outlet.

Step 5 Power on your computer.

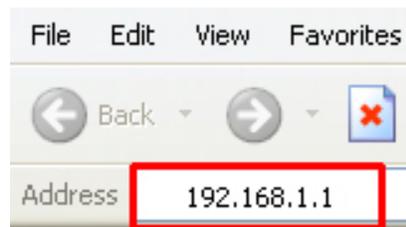
Step 6 Make sure the **WAN**, **WLAN**, and the **LAN** port that the computer is connected to are lit. If not, try the above steps again.



Section 2

Configuring the Router

Step 1 Open the web browser (Internet Explorer or Netscape), type **192.168.1.1** in the Address bar and press **Enter**.



Step 2 Enter **admin** for both the username and password fields and click **OK**.



Cable Modem

For most cable modem users, you should be able to connect to the Internet without any configuration. If your ISP has provided you with a host name, enter it in the optional **Host Name** field. Click **Apply** to save the setting.



The screenshot shows the configuration page for an AR625W 300N Wireless Router. The 'Set-up' tab is selected, and the 'Basic Setup' sub-tab is active. Under 'Internet Setup', the 'Internet Connection Type' is set to 'Automatic Configuration - DHCP'. In the 'Optional Settings' section, the 'Host Name' field is empty and highlighted with a red box. The 'Domain Name' is set to 'Airlink101'. The 'MTU' is set to 'Auto' and the 'Size' is '1500'.

If your ISP requires a registered MAC Address, click on the **MAC Address Clone** tab, select **Enabled**, and click on the **Clone My PC's MAC** button. Click **Apply** to save the setting.



The screenshot shows the 'MAC Address Clone' configuration page. The 'Enabled' radio button is selected and highlighted with a red box. Below it, the 'MAC Address' field is set to '00 . 00 . 00 . 00 . 00 . 00' and is also highlighted with a red box. A 'Clone My PC's MAC' button is located below the MAC address field.



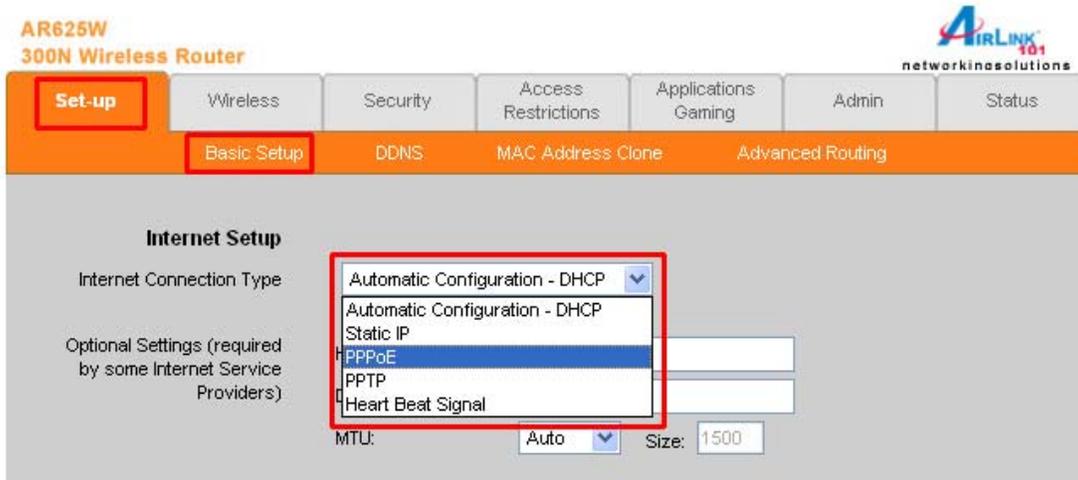
The screenshot shows two buttons: 'Apply' and 'Cancel'. The 'Apply' button is highlighted with a red box.

If you have trouble connecting to the Internet, please refer to **Section 4, Verifying Connection**.

DSL

For DSL users, follow the steps below to configure the router.

Step 1 Select **PPPoE** from the drop-down menu.



AR625W
300N Wireless Router

networkinsolutions

Set-up Wireless Security Access Restrictions Applications Gaming Admin Status

Basic Setup DDNS MAC Address Clone Advanced Routing

Internet Setup

Internet Connection Type

Optional Settings (required by some Internet Service Providers)

Automatic Configuration - DHCP
Automatic Configuration - DHCP
Static IP
PPPoE
PPTP
Heart Beat Signal

MTU: Auto Size: 1500

Step 2 Enter your username and password provided by your ISP.



AR625W
300N Wireless Router

networkinsolutions

Set-up Wireless Security Access Restrictions Applications Gaming Admin Status

Basic Setup DDNS MAC Address Clone Advanced Routing

Internet Setup

Internet Connection Type

PPPoE

Username:

Password:

Connect on Demand: Max Idle Time 15 Minutes.

Keep Alive: Redial Period 30 Seconds.

Note: Depending on the ISP, you may need to include the domain name with your username.

Example: username@sbcglobal.net

Step 3 Click **Apply** to save the setting.

If you have trouble connecting to the Internet, please refer to **Section 4, Verifying Connection**.

Section 3

Connecting to the Router Wirelessly

Below are the default wireless settings of the router. You must configure your wireless network card to the same settings in order to establish a wireless connection to the router. Please refer to your wireless network card's manual on how to configure these settings.

SSID (Network Name): **default**
Operating Mode: **Infrastructure**
Authentication: **Auto**
Channel #: **6**
Encryption: **disabled**

If you want to change the router's wireless settings, log in to the router and select the **Wireless** tab. Be sure to click **Apply** to save the setting.

The screenshot shows the configuration interface for an AR625W 300N Wireless Router. The top navigation bar includes tabs for Set-up, **Wireless**, Security, Access Restrictions, Applications Gaming, Admin, and Status. The **Wireless** tab is selected, and the sub-tab **Basic Wireless Settings** is also selected. The main content area is titled "Wireless Network" and contains the following settings:

- Wireless: Enabled Disabled
- Network Mode: b/g/draft n
- Network Name(SSID): default
- Channel: 6 - 2.437GHz
- SSID Broadcast: Enabled Disabled

At the bottom of the page, there are two buttons: **Apply** and **Cancel**.

For information on changing the router's log in password and enabling wireless encryption, please refer to the User's Manual in the provided CD.

Section 4

Verifying Connection

If you have trouble connecting to the Internet try the steps belows.

Step 1 Power off the Cable/DSL modem, router, and computer and wait for **5 minutes**.

Step 2 Turn on the Cable/DSL modem and wait for the lights on the modem to settle down.

Step 3 Turn on the router and wait for the lights on the router to settle down.

Step 4 Turn on the computer.

Step 5 Reconfigure the router as described in **Section 2**.

Step 6 Log in to the router and select the **Status** tab.

Step 7 Verify that the **Internet IP Address**, **Default Gateway**, and at least one of the **DNS** fields have valid numbers assigned to them (instead of all 0's).

The screenshot displays the web interface of an AR625W 300N Wireless Router. The top navigation bar includes tabs for Set-up, Wireless, Security, Access Restrictions, Applications Gaming, Admin, and Status. The Status tab is selected, showing Router Information and Internet Connections. The Router Information section lists: Firmware Version: v1.0.8 ap8x-2.1.4p7.o, Current Time: Thu Aug 17 22:21:10 2006 (GMT -08:00), Internet MAC Address: 00:14:6C:B6:5D:DF, Host Name, and Domain Name: Airlink101. The Internet Connections section shows: Connection Type: Automatic Configuration - DHCP, Internet IP Address: 192.168.7.101, Subnet Mask: 255.255.255.0, Default Gateway: 192.168.7.1, DNS 1: 192.168.7.1, DNS 2: 0.0.0.0, DNS 3, and MTU: Auto. Buttons for IP Address Release, IP Address Renew, and Refresh are visible at the bottom.

Router Information	
Firmware Version:	v1.0.8 ap8x-2.1.4p7.o
Current Time:	Thu Aug 17 22:21:10 2006 (GMT -08:00)
Internet MAC Address:	00:14:6C:B6:5D:DF
Host Name:	
Domain Name:	Airlink101

Internet Connections	
Connection Type:	Automatic Configuration - DHCP
Internet IP Address:	192.168.7.101
Subnet Mask:	255.255.255.0
Default Gateway:	192.168.7.1
DNS 1:	192.168.7.1
DNS 2:	0.0.0.0
DNS 3:	
MTU:	Auto

If you see all 0's, click on the **IP Address Renew** button (for Cable Modem users) or the **Connect** button (for DSL users).

If each field has a valid number assigned, the router is connected to the Internet.

Technical Support

E-mail: support@airlink101.com

Toll Free: 1-888-746-3238

Web Site: www.airlink101.com

*Theoretical maximum wireless signal rate derived from IEEE 802.11g standard and IEEE 802.11n draft specification version 1.0. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, mix of wireless products used, radio frequency interference (e.g., cordless telephones and microwaves) as well as network overhead lower actual data throughput rate. Specifications are subject to change without notice. All products and trademarks are the property of their respective owners.
Copyright ©2006 AirLink101™