



GW-300R

Wireless 2T2R 300Mbps Giga Router

User's Manual



www.airlive.com



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CE Declaration of Conformity

This equipment complies with the requirements relating to electromagnetic compatibility, EN 55022/A1 Class B.

The specification is subject to change without notice.



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1**Introduction**

Congratulations on your purchase of this outstanding Wireless Broadband Router. This product is specifically designed for Small Office and Home Office needs. It provides a complete SOHO solution for Internet surfing, and is easy to configure and operate even for non-technical users. Instructions for installing and configuring this product can be found in this manual. Before you install and use this product, please read this manual carefully for fully exploiting the functions of this product.

1.1 Packing List

items	Description	Contents	Quantity
1	WiFi Gigabit Router	 A black, rectangular WiFi Gigabit Router with two vertical antennas on top and several ports on the front panel.	1
2	Power adapter	 A black power adapter with a power cord and a connector cable.	1
3	CD	 A CD-ROM in its jewel case, with the AirLive logo and a person's image on the disc.	1

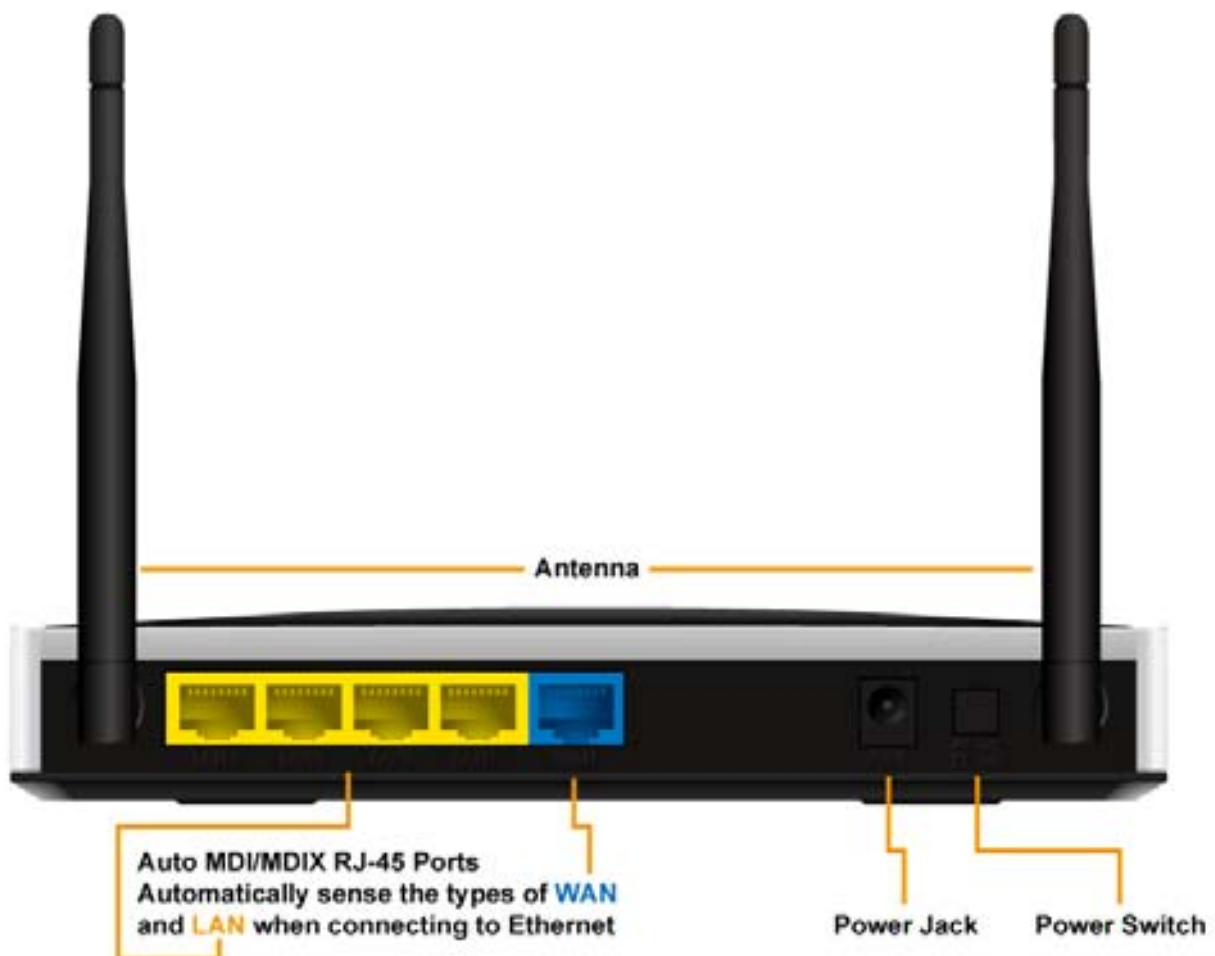
1.2 Spec Summary Table

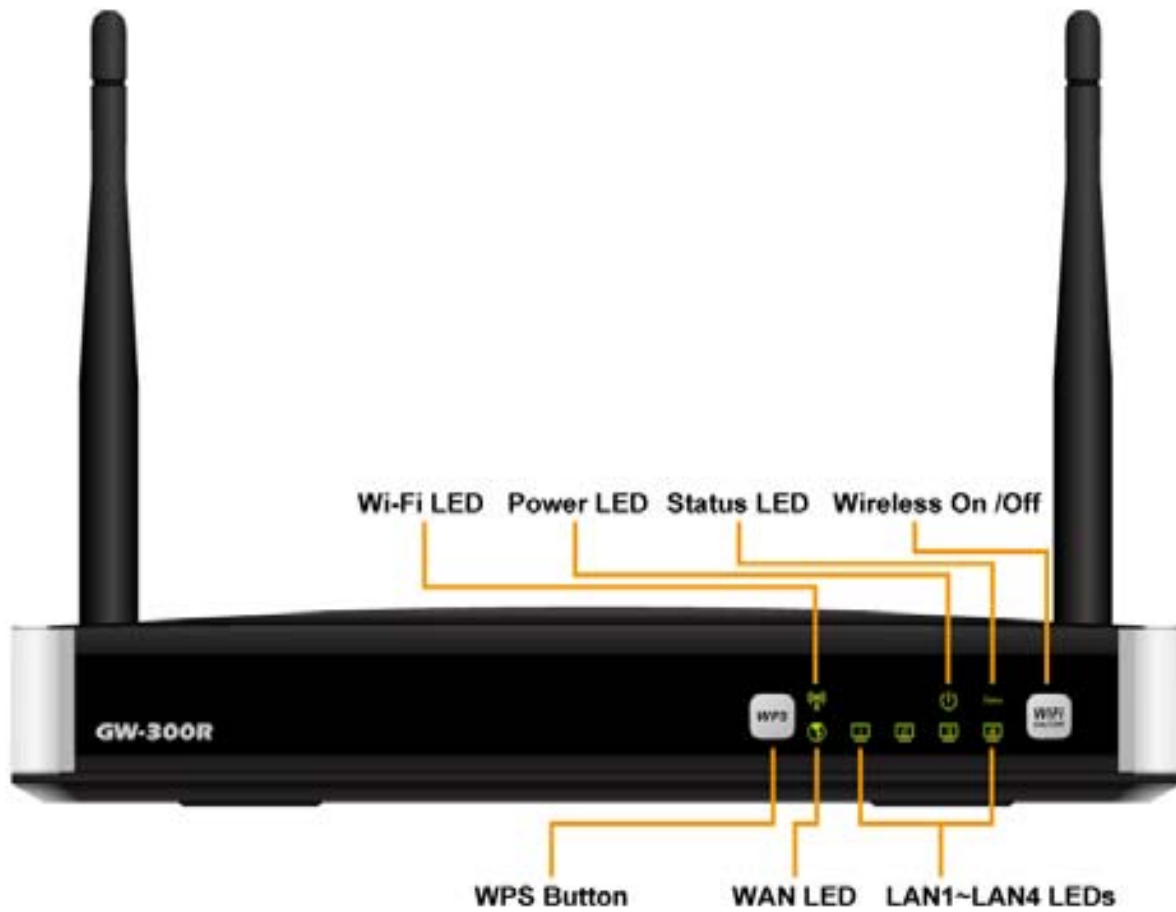
Device Interface		
Ethernet WAN	RJ-45 port, 10/100/1000Mbps, auto-MDI/MDIX	1
Ethernet LAN	RJ-45 port, 10/100/1000Mbps, auto-MDI/MDIX	4
Antenna	3.23 dBi detachable antenna	2
WPS Button	For WPS connection	1
Wireless Enable/disable	To enable or disable Wireless Radio	1
LED Indication	Power/Status / WAN / LAN1 ~ LAN4/ WiFi	•
Power Jack	DC Power Jack, powered via external switching power adapter	1
Wireless LAN (WiFi)		
Standard	IEEE 802.11b/g/n compliance	•
SSID	SSID broadcast or in stealth mode	•
Channel	Auto-selection, manually	•
Security	WEP, WPA, WPA-PSK, WPA2, WPA2-PSK	•
WPS	WPS (Wi-Fi Protected Setup)	•
WMM	WMM (Wi-Fi Multimedia)	•
Functionality		
Ethernet WAN	PPPoE, DHCP client, Static IP, PPTP, L2TP	•
WAN Connection	Auto-reconnect, dial-on-demand, manually	•
One-to-Many NAT	Virtual server, special application, DMZ, Super DMZ (IP Passthrough)	•
NAT Session	Support NAT session	20000
SPI Firewall	IP/Service filter, URL blocking, MAC control	•
DoS Protection	DoS (Deny of Service) detection and protection	•
Routing Protocol	Static route, dynamic route (RIP v1/v2)	•
Management	SNMP, UPnP IGD, syslog, DDNS	•
Administration	Web-based UI, remote login, backup/restore setting	•
Performance	NAT up to 700Mbps and Wireless up to 150Mbps	

Environment & Certification		
Package Information	Package dimension (mm)	
	Package weight (g)	
Operation Temp.	Temp.: 0~40oC, Humidity 10%~90% non-condensing	•
Storage Temp.	Temp.: -10~70oC, Humidity: 0~95% non-condensing	•
EMI Certification	CE/FCC compliance	•
RoHS	RoHS compliance	•

1.3 Hardware Configuration

Figure 2-1 Front Panel

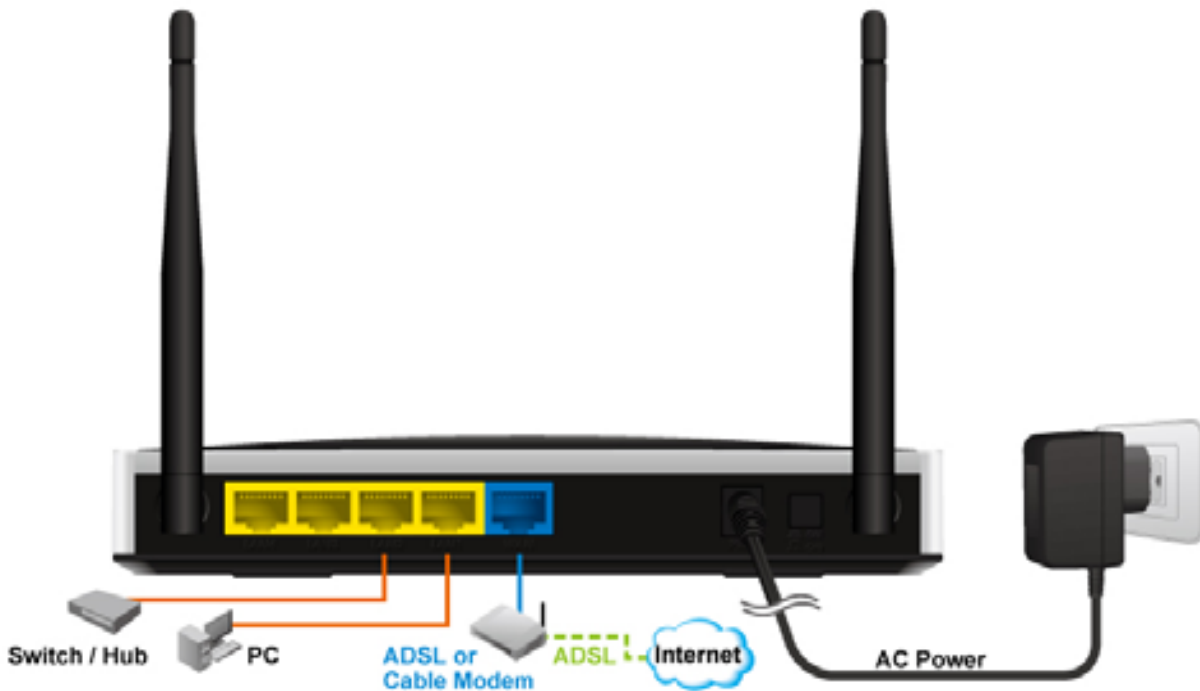




1.4 LED indicators

	LED status	Description
Status	Green in flash	Device status is working.
WAN LED	Green	RJ45 cable is plugged
	Green in flash	Data access
LAN LED	Green	RJ45 cable is plugged
	Green in flash	Data access
WiFi LED	Green	WLAN is on
	Green in flash	Data access
	Green in fast flash	Device is in WPS PBC mode
	Green in dark	Wi-Fi Radio is disabled

1.5 Procedure for Hardware Installation



Step 1. Attach the antenna.

- 1.1. Remove the antenna from its plastic wrapper.
- 1.2. Screw the antenna in a clockwise direction to the back panel of the unit.
- 1.3. Once secured, position the antenna upward at its connecting joint. This will ensure optimal reception.



1. Turn off the Power Switch first.

Step 2 Insert the Ethernet cable into LAN Port:

Insert the Ethernet patch cable into LAN port on the back panel of Router, and an available Ethernet port on the network adapter in the computer you will use to configure the unit.



Step 3 Insert the Ethernet patch cable into Wired WAN port:
Insert the Ethernet patch cable from DSL Modem into Wired WAN port on the back panel of Router.



Step 4. Power on Router:
4.1. Connect the power adapter to the receptor on the back panel of your Router and Push Power switch



Step 5. Complete the setup.
5.1. When complete, the Status LED will flash.



2

Getting Start

Insert the CD into CD reader on your PC. The program, AutoRun, will be executed automatically. And then you can click the Easy setup Icon for this utility. Configure the settings by the following steps.

2.1. Select Language then click “Next” for continues.



2.2 Setup mode

You can select Wizard mode to run the setup step-by-step or run advanced mode to diagnose the network settings of the router.



2.3 Advanced mode Setup.

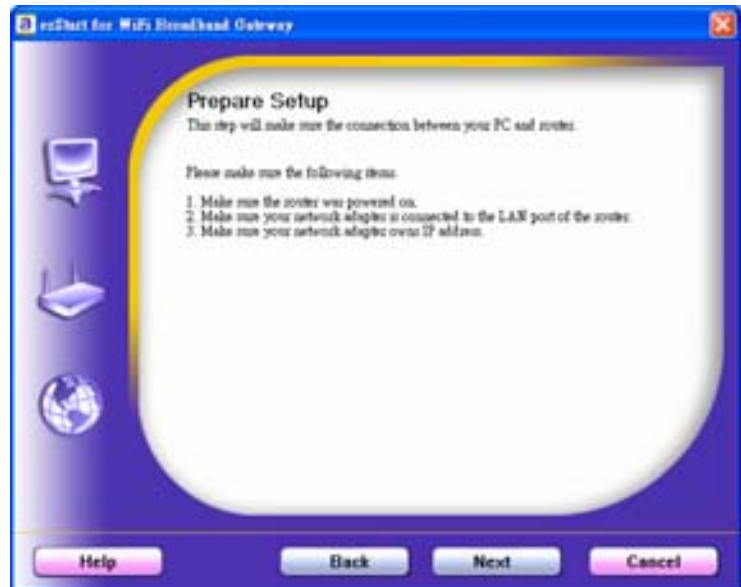
Check the PC, Router or Internet icons for the Status of PC, Router or Internet.



2.4 Quick Wizard Install mode Setup

1. Make sure the router is powered on.
2. Make sure your network adapter is connected to the LAN port of the router
3. Make sure your network adapter has an IP address.

Click “Next” for continues



2.5. Wireless Setting.

Key in the SSID, Channel and Security options, and then click “Next” for continues.



2.6 Auto Detect WAN Service.

Click “Next” for continue.

Click the button, “Let me select WAN service by myself”, to disable this function.

Note: The Item supports to detect the Dynamic and PPPoE WAN Services only



Example, the Dynamic WAN type is detected.



2.7. Manual select WAN Service

In the manual mode, Click the any icons for continues.

2.8 Summary of the settings and Next to “Reboot”

Click “Next” for continue.



2.9 Apply the Settings or Modify.

Click “Next” for continue.



2.10 Test the Internet connection.
Test WAN Networking service. Click
“Next” for continue.
You can ignore the by select the
“Ignore Test”.



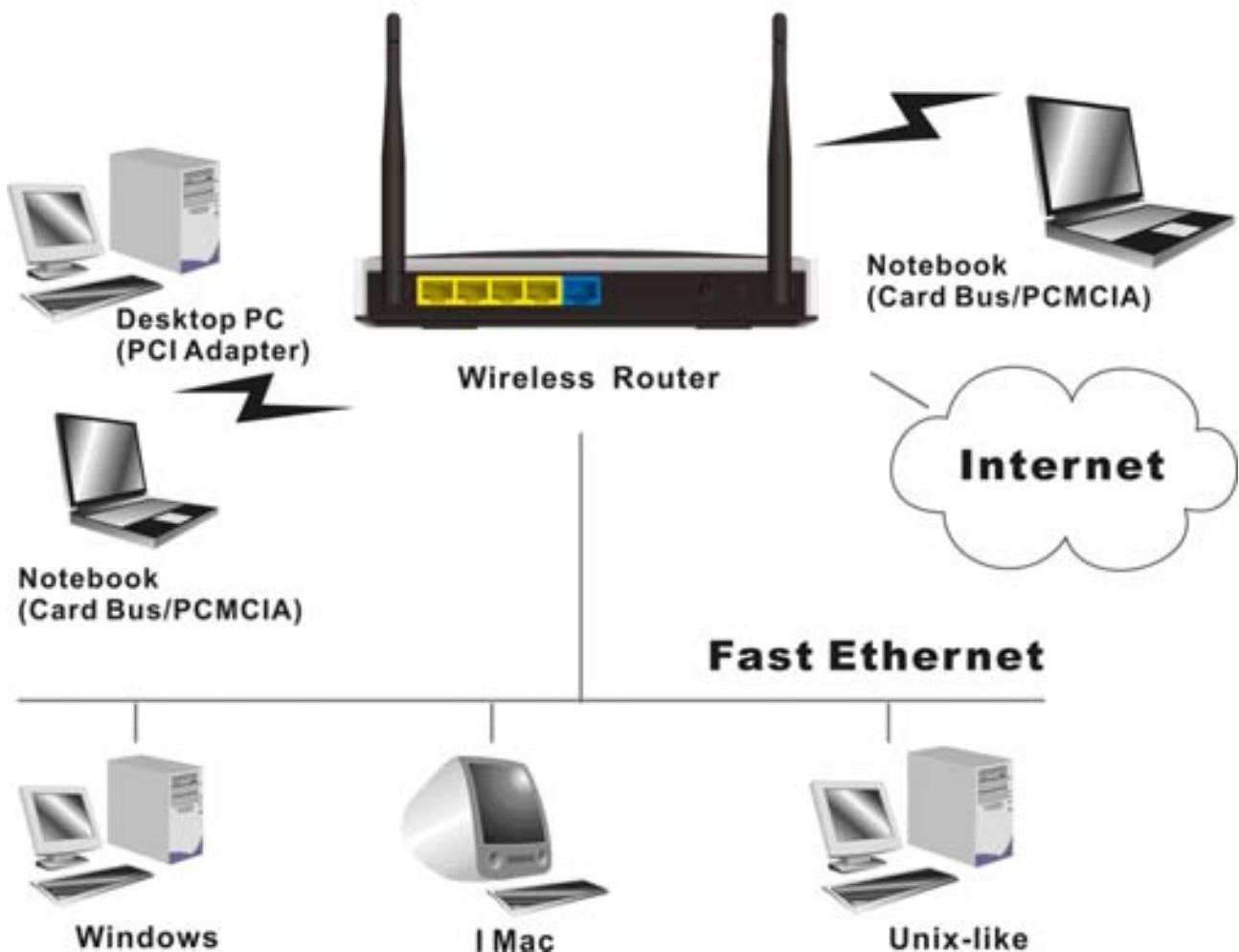
2.11 Setup Completed.
The EzSetup is finish, you can open
the default web browser to configure
advanced settings of the Router.
Click “Finish” to complete the
installation.



3

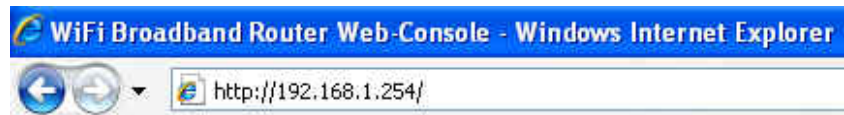
Making Configuration

This product provides Web based configuration scheme, that is, configuring by your Web browser, such as Mozilla Firefox or or Internet Explorer. This approach can be adopted in any MS Windows, Macintosh or UNIX based platforms.

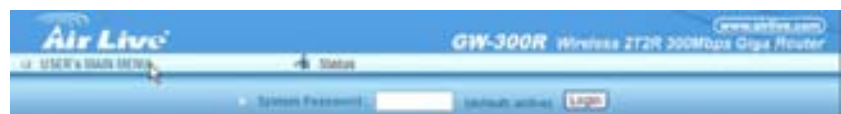


3.1 Login to Configure from Wizard

Type in the IP Address
(http://192.168.1.254)



Type password, the default is "airlive" and click 'login' button.



Press "Wizard" for basic settings with simple way.



Press "Next" to start wizard.



Step 1:
Set up your system password.



Step 2:
Select Wan Type.

Auto Detecting or
Setup Manually.

