

Magic r9500

300Mbps Wireless N Broadband AP Router

# **Quick Installation Guide**

#### Package Contents

- One Wireless N Broadband AP Router
- One Power Adapter



- ★ Please remove any ADSL USB Modem Driver or dial-up software and disable the firewall. As they may cause connection problem.
- ★ This quick installation is meant to help you to install the product quickly and easily. For further information, please refer to the User Manual
- One Ethernet Cable - One CD-ROM with User's Manual

- One Quick Installation Guide



Indicator	Color	Status	Description	
Devue	Green	On	Power is on.	
Power	-	Off	Power is off or the device is down.	
	Green	Blink	Data is being transmitted.	
VV LAN	-	Off	Radio switch is shut off.	
	Green	On	Connection succeeds under Wi-Fi Protected Setup.	
WPS	Green	Blink	Negotiation is in progress under Wi-Fi Protected Setup.	
	-	Off	Wi-Fi Protected Setup is disabled.	
	Green	On	Connection succeeds.	
WAN	Green Blink Data is b	Data is being transmitted.		
	-	Off	No WAN connection.	
	Green	On	LAN connection succeeds.	
LAN1/LAN2/LAN3/LAN4	Green	Blink	Data is being transmitted.	
	-	Off	No LAN connection.	



# **Step 1: Installation**

### Requirements

- Network cable: Use standard network cable (RJ45 cable).
- TCP/IP protocol must be installed on all PCs.
- For Internet Access, an Internet Access Account with an ISP and either of a DSL or cable modem (for WAN port usage).
- To use the Wireless Access Point, all wireless devices must be compliant with the IEEE802.11b, IEEE802.11g or IEEE802.11n specifications.



## Step2: Procedure

1. Choose an Installation Site

Select a suitable place on the network to install the wireless router. Ensure the wireless router and the DSL/cable modem are power off.

2. Connect PCs to the wireless router

Use standard network cables to connect PCs to the LAN ports on the wireless router.

3. Connect DSL/cable modem to the wireless router

Use standard network cable to connect the DSL or cable modem to the WAN port on the wireless router.

- 4. Power up
- Turn on the DSL/cable modem first.
- Connect the supplied power adapter to the wireless router and power up. Only use the power adapter provided. Using a different power adapter may cause the hardware damage.
- 5. Check the LEDs
- For each LAN (PC) connection, the LAN LED should be on when the port is used to connect to a PC (PC is also on).
- The WAN LED should be on when the WAN port is used to connect to the DSL/cable modem.
- 6. Turn on your PC
- 7. Your computer must be set to obtain an IP address automatically.
- 8. If everything is fine, you should get Internet instantly.

#### **Check your PC settings**

For Windows Vista & Windows 7

- Click Start->Click Control Panel->Network and Sharing Centre->Manage network connections (Win Vista)
- Click Start->Click Control Panel->Network and Sharing Centre->Change adapter settings (Win 7)
- Right click on Local Area Connection or Wireless Network Connection->click Properties
- Double click Internet Protocol Version 4
- Select "Obtain an IP address automatically" and select "Obtain DNS server address automatically". Then click OK

For Windows XP

- Click Start->Click Control Panel -> Network Connections
- Right click on Local Area Connection or Wireless Network Connection ->click Properties
- Double click Internet Protocol (TCP/IP)
- Select "Obtain an IP address automatically" and select "Obtain DNS server address automatically". Then click OK

## Step3: Router Setup

Open your web browser, type <u>http://192.168.1.1</u> in the address bar and you will see the login page. The default username is admin and default password is admin.
 Username: admin

Wireless Router - Windows Internet Explorer	Password: admir	1
C	UserName:	
× Google	Password:	
🖕 Favorites 🛛 🝰 🔊 Web Slice Gallery 🕶	Login Reset	
A Wireless Router		

2. Put username and password and click Login, then you will see the wireless router web-based configuration page.

- Setup Wizard					
	System Info			You can use the Router Status	
Running Status	Hardware Version	V1.0		and statistics for your router. This	
Router Status	Firmware Version	V1.0		screen shows you the current	
Clients List	Product Name	Magic r9500		settings. If something needs to be changed, you will have to change it	
	Time and Date	1971-01-06 10:16:02		on the relevant screen.	
Network Settings	Internet Port			Hardware Version: The router	
Wireless Settings	MAC Address	00:1F:A4:90:7F:01		model.	
Wileiess Settings	Internet Access Mode	Connected(DHCP)		Firmware Version: This is the	
Forwarding Rule	IP address	192.168.0.156 current software the router is usin	current software the router is using.		
-	IP Subnet mask	255.255.255.0		This will change if you upgrade your	
Access Control	Default Gateway	192.168.0.1		router.	
	Domain Name Server	192.168.0.1	=	Internet Port: These are the current	
Dynamic DNS	ynamic DNS LAN Port				
Static Routes	MAC Address 0				
	IP Address	192.168.1.1		MAC Address. The physical	
Security Options	IP Subnet Mask	255.255.255.0		from the Internet.	
	Wireless Port			IP Address. The current Inte	
System Tools	Wireless Network Name (SSID)	Magic r9000		IP address. If assigned	
Logout	Region	Europe		connection exists, this will be	
Logour	Wireless Channel	Auto		blank or 0.0.0.0.	
	802.11 Mode	Mixed 802.11b/g/n		<ul> <li>Internet Access Mode. Indicat either DHCP. PPPoE or Fixed</li> </ul>	
	Wireless Radio	Enabled		IP.	
	Broadcast Name	ON		IP Subnet Mask. The subnet     mask appaieted with the	
	Wireless Isolation	OFF		Internet IP address.	
	Wi-Fi Protected Setup	ON		Domain Name Server. Displa	
	Wireless Security Mode WPA-PSK[TKIP] the add	the address of the current DN			
			······	LAN Port. These are the current	
	I Show Statistics I C	onnoction Status		J settings as set in the LAN IP Setun	

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3. To set wireless security, click the menu Wireless Settings->Wireless Basic Settings, then choose Security options from drop-down list on the right screen, for example, you can choose WPA-PSK [AES]. Then, you can put your network key in Passphrase box and click Apply.

Setup Wizard			The clease busic help
oraș mara	Region Selection		NOTE: To ensure proper agency
Running Status	Region :	Europe 🔻	compliance and compatibility between similar products in your
Network Settings	Wireless Network		area, the operating channel and region must be set correctly
J	Enable SSID Broadcast		
Wireless Settings	Enable Wireless Isolation		Optimize Wireless Connectivity
Wireless Basic Settings	Name(SSID):	Magic r9500	The operating distance or range of
Guest Network	Mode :	Mixed 802.11b/g/n 👻	your wireless connection can vary
WPS Setup Wireless Advanced Settings	Channel:	Auto 👻	placement of the router. For best
Wireless Repeating Function	Band Width :	40M -	Tesuits, place your router.
Forwarding Rule	Max Transmission Rate :	Auto 🔻 Mbps	<ul> <li>Near the center of the area i which your PCs will operate</li> </ul>
	Security Options		In an elevated location such     a bigh shalf
Access Control	Security Options :	WPA-PSK[AES]	Away from potential sources
Dynamic DNS	Security Options(WPA-PSK)		interference, such as PCs, microwave ovens, and cord
Static Routes	PassPhrase :	12345678 (8-63 characters or 64 hex digits)	phones. • Away from large metal
		[Arth] Carrel	surfaces.
Security Options		Apply Cancer	Note: Failure to follow these
System Tools			guidelines can result in significan performance degradation or inabi
Lorout			to wirelessly connect to the router
Logout			
			Region Selection
			Region
			Select your region from the drop-

## Step4: Connect your wireless PC/laptop to your wireless router

- For Windows 7
  - 1. Click Connection icon in the system tray, highlight your wireless router and click on Connect.



2. Enter your network key when the box is shown below, and click OK.

Connect to a Netwo	ork	<u> </u>
ype the networl	k security key	
Security key:	•••••	
	Hide characters	
9	You can also connect by pushing the button on the router.	
	ОКСа	ncel

Note: To maximize your wireless connection speed in 11n mode, we recommend the customers to set WPA-PSK/WPA2-PSK with AES encryption for your wireless connection.

For any further information on this product, please refer to your user's manual in the CD.