Part No. HAWNR3   Hi-Gain™ Wireless 300N Router with Range Amplifier

Start Here ▶▷▶

Package Contents

- 1x Wireless 300N Router with Range Amplifier
- 1x Power Adapter
- 2x 3dB Dipole Antennas
- 1x Setup CD-ROM
- 1x Quick Installation Guide (QIG)
- 1x Ethernet Cable

Requirements

- Internet Access
- PC/Mac Computer
- Power Outlet

1 Overview

LED DESCRIPTION

LAN Ports (1-4)
LED is on, when a connection (with the specific port) between a PC and the router/network is detected.
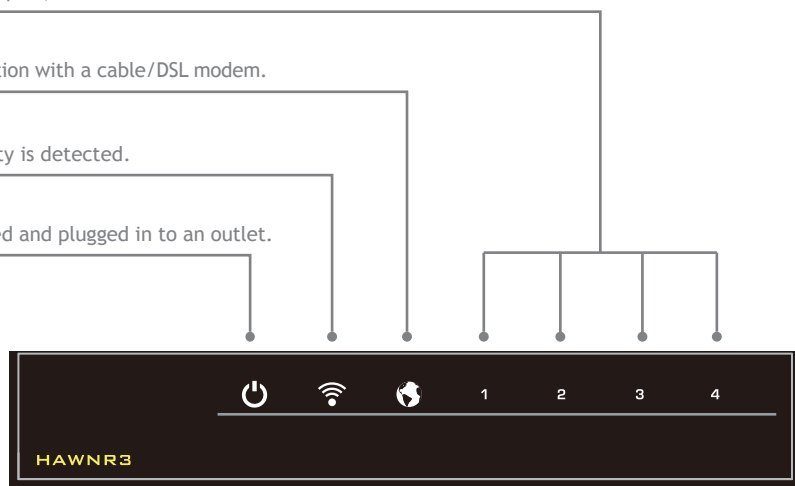
Internet Connection
LED is on, when there is an established connection with a cable/DSL modem.

Wireless
LED is on, (blinking) when wireless data activity is detected.

Power
LED is on, when the power adapter is connected and plugged in to an outlet.

BACK PANEL DESCRIPTION

Removable Antennas
Removable Omni-Directional Antennas

Wireless Radio On/Off Switch
Turns off the wireless functions

Reset Switch / WPS
Resets your router to its default settings / initiates WPS Setup
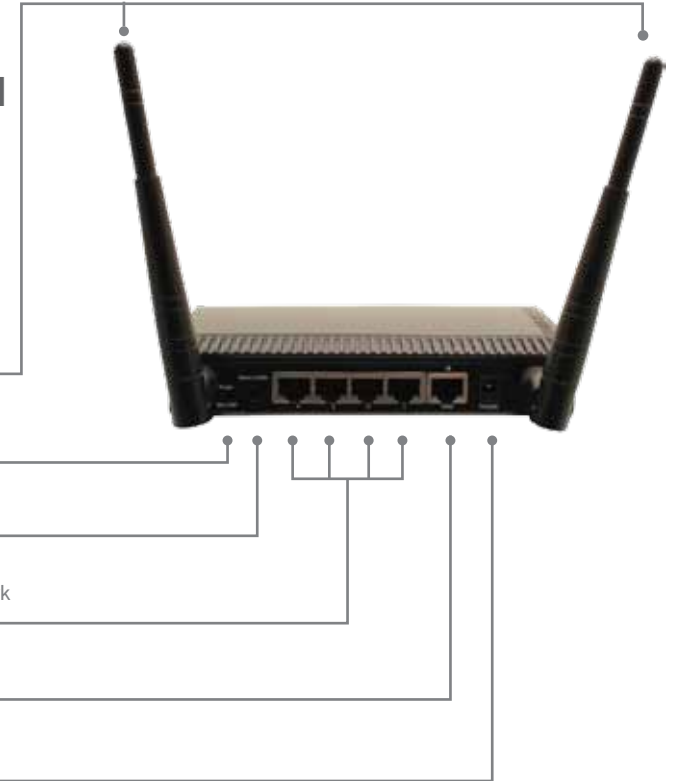
LAN Ports
Connects your wired network devices and computers to your network

Modem Port
For connecting directly to your Broadband Modem's Ethernet port
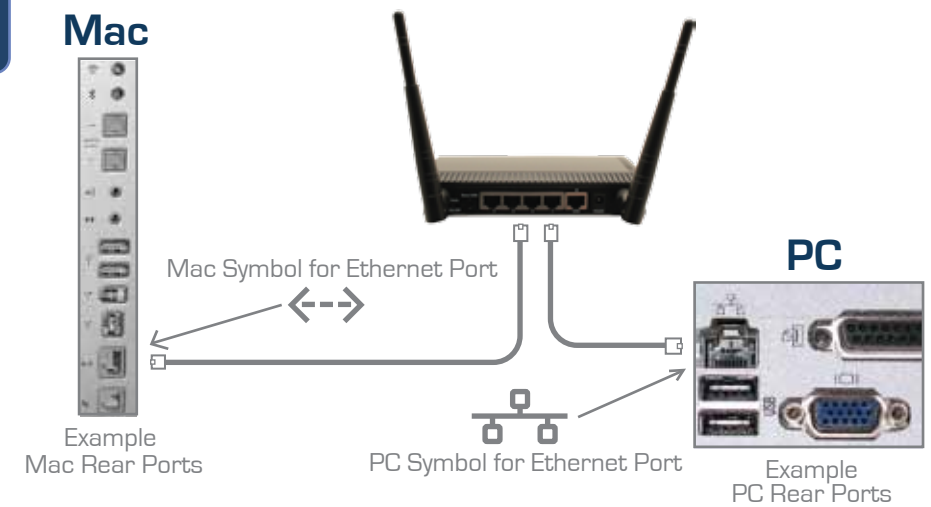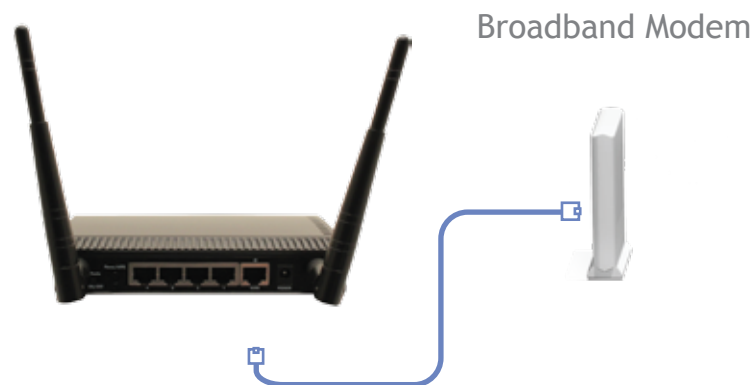
Power
Power Adapter Plug

2 Connecting the Router (to a Mac or PC)

1.) Connect the A/C power adapter to an electrical source, and then connect it to the 'Power' socket of the router.

2.) Connect your Broadband Modem to the Router's "MODEM" port with an Ethernet cable. Reset your modem by unplugging it and plugging it back in.

3.) Connect your PC or Mac to any of the 4 LAN ports located on the back of the router.

Power Adapter

Broadband Modem

Mac

Mac Symbol for Ethernet Port

Example Mac Rear Ports

PC

PC Symbol for Ethernet Port

Example PC Rear Ports

3 Configuring the Router

1.) Open your web browser.

2.) In the address field, type "192.168.1.254", press enter.

Internet Explorer cannot display the webpage

3.) A username/password prompt will appear. Default Username: admin
Password: 1234

Authentication Required

Enter username and password for "Default: admin/1234" at http://192.168.1.254
User Name:

Password:

☐ Use Password Manager to remember this password.

OK   Cancel
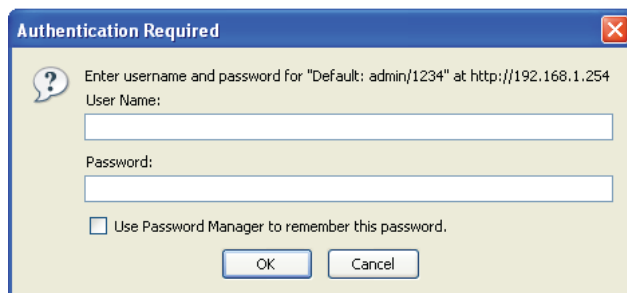
4.) The setup page should appear. with the Quick Setup page automatically selected. Please choose your time zone. Click Next.
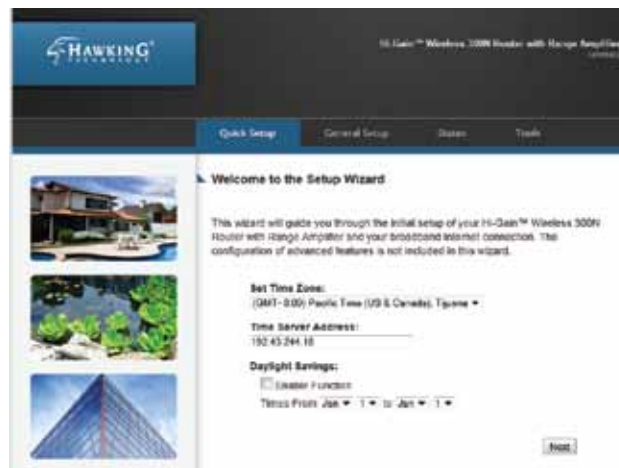
5.) Choose your broadband type. Most users can select Cable Modem (Dynamic IP) setup as this is the most common. Otherwise, select your broadband type and click Next. If you are unsure of your type, please contact your internet service provider.

Dynamic IP

Most common setup. If you have have a Dynamic IP, put in your host name (optional) and your Mac address (optional). Click Continue.

Cable Modem Setup (Dynamic IP)

If required by your Internet Service Provider, you can enter the Host Name and Mac Address of your registered network device here. If you do not know or do not have a Host Name and Mac Address, simply click 'Continue' to proceed.

Host Name: _____
MAC Address: 000000000000
[Clone MAC Address]

[Back] [Continue]

Static IP

If you have have a static IP, please input your IP Address, Subnet Mask and Default Gateway and DNS Address. These are provided by your Internet Service Provider. Click Continue.

DSL and Cable Modem Setup (Static IP Address)

Enter the assigned IP Address, Subnet Mask, Default Gateway and DNS Address provided by your Internet Service Provider. Click 'Continue' to proceed.

IP Address: _____
Subnet Mask: _____
Default Gateway: _____
DNS Address: _____

[Back] [Continue]

Point to Point Power over Ethernet

If you are using PPPoE, please enter your username/password. The other fields are optional unless specified by your Internet Service Provider. Please check with your Internet Service Provider if you are not sure. Click Continue.

Point-to-Point Protocol over Ethernet (PPPoE)

Enter the Point-to-Point over Ethernet (PPPoE) User Name and Password assigned by your Service Provider. The Service Name is normally optional, but may be required by some Service Providers. Enter a Idle Time (in minutes) to define a maximum period of time for which the Internet connection is maintained during inactivity. If the connection is inactive for longer than the Maximum Idle Time, then the connection will be dropped. You can enable the Connect on Demand option to automatically re-establish the connection as soon as you attempt to access the Internet again. If your Internet Service Provider requires the use of PPPoE, enter the information below.

User Name: hawking
Password: ******
Service Name: _____
MTU: 1392 (512<=MTU Value<=1492)
Connection Type: Continuous ▾ [Connect] [Disconnect]
Idle Time Out: 10 (1-1000 minutes)

[Back] [Continue]

Point to Point Tunneling Protocol

If you are using PPTP, please input your settings provided by your Internet Service Provider into the fields. Click Continue.

Point-to-Point Tunneling Protocol (PPTP)

Enter the information relevant to your PPTP internet connection:

WAN Interface Settings
◉ Obtain an IP address automatically
  Host Name: 0.0.0.0
  MAC Address: 000f3c1a00b2 [Clone MAC Address]
○ Use the following IP address
  IP Address: 0.0.0.0
  Subnet Mask: 0.0.0.0
  Default Gateway: 0.0.0.0

PPTP Settings
  User ID: _____
  Password: _____
  PPTP Gateway: 0.0.0.0
  Connection ID: _____ (Optional)
  MTU: 1392 (512<=MTU Value<=1492)
  BEZEQ-ISRAEL: ☐ Enable (for BEZEQ network in ISRAEL use only)
  Connection Type: Continuous ▾ [Connect] [Disconnect]
  Idle Time Out: 10 (1-1000 minutes)

[Back] [Continue]

Layer Two Tunneling Protocol

If you are using L2TP, please input your settings provided by your Internet Service Provider into the fields. Click Continue.

Layer Two Tunneling Protocol DSL connections

Enter the information relevant to your L2TP Internet connection:

WAN Interface Settings
◉ Obtain an IP address automatically
  Host Name: 0.0.0.0
  MAC Address: 000f3c1a00b2 [Clone MAC Address]
○ Use the following IP address
  IP Address: 0.0.0.0
  Subnet Mask: 0.0.0.0
  Default Gateway: 0.0.0.0

L2TP Settings
  User ID: _____
  Password: _____
  L2TP Gateway: 0.0.0.0
  MTU: 1392 (512<=MTU Value<=1492)
  Connection Type: Continuous ▾ [Connect] [Disconnect]
  Idle Time Out: 10 (1-1000 minutes)

[Back] [Continue]

5 **Setup your wireless features**

a.) Please enter a wireless name for your network. By default, the HAWNR3's wireless name is Hawking_300N

b.) Please enter a security key (if wanted). Hawking Technology recommends you create a wireless security key to secure against unwanted users. Please type in a 8 + character key. Click "Continue"

c.) Congratulations. Please click "Finish" to complete the setup process. If you wish to make changes, click "Back". After you click Finish, the HAWNR3 will reset and enable your settings.

Wireless Settings

To create a custom name for your home wireless connection, enter it below (this will be the name that you will use when connecting wirelessly from your home/office computers):

SSID: Hawking_300N

To add wireless security for your local/home wireless network, enter an alphanumerical password (8 characters or more) below (if you do not wish to use a password, leave the field blank and click 'Continue'). Users signing on to your home wireless network will be required to enter this password to connect to the internet:
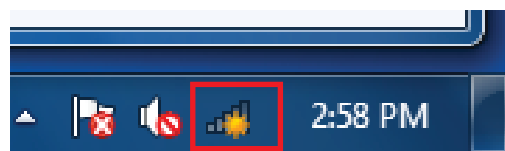
Save and Restart

Select 'Back' to make changes or press 'Finish' to restart the system and have your new changes take effect.

[Back] [Finish]

6 **Connecting to your New Wireless Network (with a PC or Mac)**

Connecting with a PC

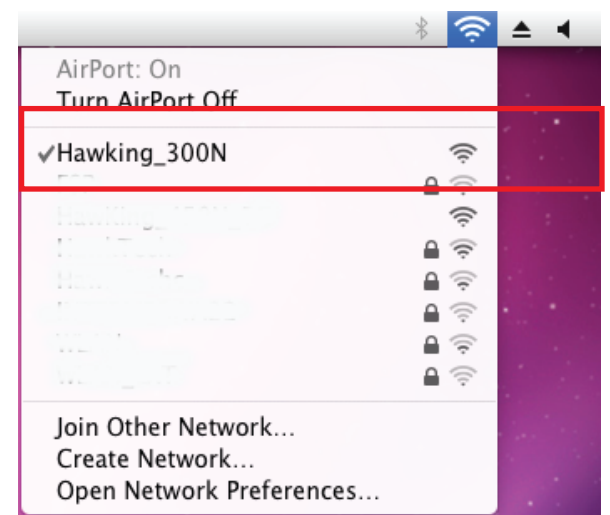1.) To connect to your new wireless network using a PC, click the 'Network and Sharing Center' icon in your system tray.

2.) Find your new wireless network (default ID: Hawking_300N) and double click on it to connect to the network. You can now enjoy your new wireless network!

Not connected
Connections are available
Wireless Network Connection
Hawking_300N
Open Network and Sharing Center
2:58 PM

Connecting with a Mac

1.) Click the wireless network icon in the upper right hand corner of the Finder.

2.) From the drop-down menu select your wireless network (default ID: Hawking_300N). You can now enjoy your new wireless network!

AirPort: On
Turn AirPort Off
✓Hawking_300N
Join Other Network...
Create Network...
Open Network Preferences...

NOTE: If you have Wireless Security enabled you will be prompted to enter your password.