**Start Here**

This guide describes installation for the WNHDE111 5 GHz Wireless-N HD Access Point/Bridge or the WNHDEB111 HD/Gaming 5 GHz Wireless-N Networking Kit.

1. Familiarize yourself with the features of the Wireless-N Bridge.

   - **Auto.** In Auto mode, the Wireless-N Bridge will automatically sense and set its own mode. It will run in AP mode if connected to a router or gateway. Otherwise, if connected to any other wired device(s), it will run in Bridge mode. (The Wireless-N Bridge is set to Auto mode from the factory.)
   - **AP.** In AP (access point) mode, the Wireless-N Bridge will act as an access point. In this mode, the Wireless-N Bridge should be connected to a router.
   - **Bridge.** In Bridge mode, the Wireless-N Bridge is connected to your other wired device(s) and will connect wirelessly to the Wireless-N Bridge being used as an access point.

2. Verify that:
   - You have Broadband Internet access through a powered-on router or gateway.
   - You are connecting Ethernet-enabled devices, such as a network-enabled game console (an XBox 360 or Sony PS3), a digital media player (an Apple TV or NETGEAR Digital Entertainer), an IPTV set-top box, or a laptop with an embedded Wireless-N adapter.

**Setting Up the WNHDEB111 HD/Gaming 5 GHz Wireless-N Networking Kit For Gaming or Digital Media**

1. Set the switch on the back of each Wireless-N Bridge to Auto mode.

   **Caution:** Do not plug in the power adapter before step 2.

2. Connect the Ethernet cable from a LAN port in the router or gateway (A) to either LAN port on one Wireless-N Bridge.

3. Place the other Wireless-N Bridge near the media player, game console, or set-top box (B), and connect it with an Ethernet cable.

4. To complete installation, connect a power adapter to the Wireless-N Bridge(s). Allow a few minutes for your devices to connect to the Internet. If you are not connected, see “Troubleshooting” on page 2.

   **Note:** By following the steps in this installation with both Wireless-N Bridge units set to Auto mode, the Wireless-N Bridge connected to your router has set itself to AP mode, while the second Wireless-N Bridge is set to Bridge mode.

**Setting Up One WNHDE111 5 GHz Wireless-N HD Access Point/Bridge**

1. Set the switch on the back of the Wireless-N Bridge to Auto mode (it will set itself to AP mode).

2. Connect the Ethernet cable from a LAN port on the router or gateway (A) to either LAN port on the Wireless-N Bridge.

3. Place your computer or other device (B) within range of the Wireless-N Bridge in AP mode.

4. Connect a power adapter to the Wireless-N Bridge.

5. Connect your wireless clients by one of the following methods:
   - In your client’s adapter configuration settings, to use the default WPA-PSK/WPA2-PSK security settings, enter the SSID as **NETGEAR-HD**, and the passphrase that is printed on the Resource CD.
   - If your wireless device has a WPS push-button, connect it to the Wireless-N Bridge in AP mode, similar to steps 3-5 in “To Add Another Wireless-N Bridge to a System with a Wireless-N Bridge in AP Mode” on page 1.

**To Add Another Wireless-N Bridge to a System with a Wireless-N Bridge in AP Mode**

1. Make sure the WNHDE111 5 GHz Wireless-N HD Access Point/Bridge you are adding is not set to AP mode, place it near the devices that will work with it.
2. Connect a power adapter to the new Wireless-N Bridge.
3. Connect via a wireless connection to the Wireless-N Bridge as described in “Setting Up One WNHDE111 5 GHz Wireless-N HD Access Point/Bridge” on page 1.
4. Insert the Resource CD in your CD-ROM drive. If the program does not start automatically, double-click autorun.exe.
5. Select Run the Configuration Assistant.

Troubleshooting
If you have trouble setting up your WNHDE111 5 GHz Wireless-N HD Access Point/Bridges, check the tips below.

The Power light blinks quickly in groups of three. The Wireless-N Bridge in Bridge mode is not connected to the Wireless-N Bridge in AP mode. See “To Add Another Wireless-N Bridge to a System with a Wireless-N Bridge in AP Mode” on page 1.

The Power light blinks slowly (once every second). The firmware is corrupted. See the WNHDE111 5 GHz Wireless-N HD access Point/Bridge User Manual for emergency recovery instructions.

The Smart Wizard Configuration Assistant does not find either Wireless-N Bridge unit. Make sure the Ethernet cable is securely connected from the PC to an Ethernet port on the AP mode unit. If the Smart Wizard does not find the Bridge mode unit, make sure the power light on the Bridge mode unit is not blinking in groups of three.

Attention: When you configure the wireless settings of this device, please make sure to select the correct country settings. Due to EU law, the country settings must be identical to the country where the device is operating.

This symbol was placed in accordance with the European Union Directive 2002/96 on the Waste Electrical and Electronic Equipment (the WEEE Directive). If disposed of within the European Union, this product should be treated and recycled in accordance with the laws of your jurisdiction implementing the WEEE Directive.

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