



## XE102

### Wall-Plugged Ethernet Bridge

- *Help is there when you need it! NETGEAR provides 24x7 technical support\* in English, with selected local language support during office hours.*

#### ● Turns Any Electrical Outlet into a Home Network Connection

For a truly simple way to bring the Internet to any room in your home, look no further than NETGEAR's Wall-Plugged Ethernet Bridge. It plugs into an electrical outlet and uses your existing electrical wiring to give your entire household access to your Cable/DSL router and broadband connection. With no expensive new wiring or cabling to install, your family can surf the Web, participate in online gaming, send and receive e-mail, and share files and printers, all from different rooms at the same time.

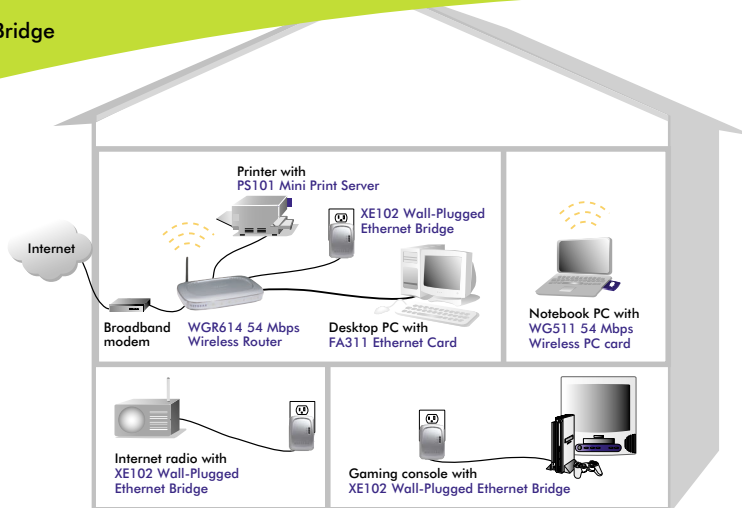
Uncomplicated and very quick to install, it plugs right into a wall outlet, reducing clutter and saving valuable desk space. There is no software to install unless you wish to change password settings, so it is a true plug-and-play experience. Designed for ease of use, it has new, easy-to-read icon LEDs, and protects your network communications from eavesdroppers and hackers, while not increasing your electricity bill.

**Effortless** ● Simply plug one into a nearby outlet and connect it to your Broadband router. Then connect another to your PC or Game Console in another room, and you are sharing your broadband connection without having to run unsightly Ethernet cables across your home.

**Ideal** ● At 14-Mbps, it is faster than 802.11b Wi-Fi wireless networks. Get a connection at any point in your home, complementing your wireless network by allowing a network connection in zones where the wireless signal is weak. Use in conjunction with your wireless network to create true whole-home coverage for Broadband access.

**Convenient** ● It simply plugs into a wall outlet, saving valuable desk space. Use up to 5 units in your home to connect PCs, Gaming Consoles, Internet Radios, and more to your home Broadband connection. Avid gamers can use the XE102 to rapidly hook up multiple users on a network during a LAN party, without bothering with any CD-based installation.

**Safe** ● Works across multiple phases and circuit breakers to provide complete coverage in your home. Ensures privacy and security over the Powerline network with 56-Bit Data Encryption Standard (DES).



**Product Specifications**

- **Network Ports:**
  - One 10BASE-T Ethernet port
  - One 14 Mbps Powerline port
- **Network Interface:**
  - RJ-45 (10BASE-T Ethernet)
  - Electrical plug (Powerline Ethernet)
- **Performance Standards:**
  - 10 Mbps 10BASE-T
  - 14 Mbps HomePlug 1.0 compatible
- **Powerline Standards:**
  - HomePlug compatible
- **Ethernet Standards Compliance:**
  - HomePlug
- **Ethernet Standards Compliance:**
  - IEEE 802.3 10BASE-T Ethernet
- **Modulation Schemes:**
  - OFDM Symbol Modulation DQPSK, DBPSK, ROBO Carrier Modulation
- **Frequency Band:**
  - 4.3 MHz - 20.9 MHz
- **Additional Protocols:**
  - Forward Error Correction (FEC)
  - Automatic channel adaptation
- **Power Supply:**
  - 85 to 135v @ 60 Hz Internal
- **LEDs:**
  - Unit: Power
  - Powerline: Link
  - Ethernet: Link/Activity
- **Dimensions:**
  - Size: 99.4 x 46.6 x 73 mm (3.92 x 1.84 x 2.88 in)
  - Weight: 224 g (7.9 oz)
- **Environmental Specifications:**
  - Operating temperature: 0° C to 40°C (32 to 104°F)
  - Operating relative humidity: 10% to 90% (noncondensing)
- **Electromagnetic Emissions:**
  - FCC Part 15 Class B
- **Power and Safety Regulations:**
  - U/L Certified
- **Typical Coverage:**
  - Up to 5000 square foot home
- **Warranty:**
  - 1 year warranty

**Package Contents**

- XE102 Wall-Plugged Ethernet Bridge
- Installation guide
- Ethernet Cable (6ft)
- Resource CD
- Warranty/Support information card

**System Requirements**

- To enable encryption: Windows® 98, ME, 2000 and XP
- For device connection: Available RJ-45 Ethernet Port

**Complementary Products**

- NETGEAR Routers (RP614, MR814, WGR614)
- NETGEAR Ethernet Adapters (FA311, FA511, FA120)

**Related Products**

- WGT634U 108 Mbps Wireless Media Router
- WGT624 108 Mbps Wireless Firewall Router
- WGR614 54 Mbps Wireless Router
- MR814 802.11b Wireless Router
- RP614 Cable/DSL Broadband Router

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\* Free basic installation support provided for 90 days from date of purchase. Advanced product features and configurations are not included in free basic installation support; optional premium support available.

