**PRODUCT ILLUSTRATION**

NETGEAR 10X Ethernet to Phone Line Bridge, Installation Guide

1. **VERIFY PACKAGE CONTENTS**
   - Check the box, and ensure that your package contains the following:
     - PE102 Ethernet to Phone Line Bridge
     - Power adapter
     - 3-foot telephone cable
     - Category 5 Ethernet cable
     - Wall adapter
     - Laminated Guide to Warranty Card and Registration Card

2. **SELECT INSTALLATION SITE**
   - The installed setup for this product is only 6 inches with an existing Ethernet network. The total time required to install the PE102 is 10 minutes. The PE102 will be wall-mounted and will be used on each device that you add to the network.

3. **PREPARE THE SITE**
   - Before you begin installing the PE102, prepare the installation site. Make sure the site meets the operational requirements of the equipment.

4. **INSTALL THE BRIDGE**
   - Wall Mounting (optional)
     - Install the PE102 on the wall using the slots on the bottom of the PE102.
     - Use a 3-foot telephone cable to connect the PE102 to the wall jack.

5. **MAKE YOUR CONNECTION**
   - Connect the Ethernet port of the PE102 to any Ethernet device, such as a hub, switch or router.

6. **CHECK THE INSTALLATION**
   - If there are any problems, refer to the Troubleshooting table.

**TECHNICAL SPECIFICATIONS**

- **Power**: 12Vdc 1.2A
- **Weight**: Under 1 lb
- **Warranty**: 1 year

**JANUARY 2000**

*NETGEAR, Inc.*

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Phone: 1-866-NETGEAR

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Support information:

Visit Support Information Card for phone numbers.

**LIMITED WARRANTY**

NETGEAR, Inc. warrants this product to be free from defects in materials, workmanship, and design for a period of two years after shipment, or 100,000 hours of operation, whichever comes first, under normal use and service. This warranty is limited to the repair or replacement, at NETGEAR's option, of any defective product at a NETGEAR authorized service center. In the event of a warranted defect, the product must be returned, freight prepaid, to the address shown in the Support Information section.

**DEFECTIVE OR DAMAGED MERCHANDISE**

Defective or damaged merchandise can be returned to your point-of-sale representative.
**TROUBLESHOOTING**

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethernet Link LED Port connection OFF or intermittent not functioning</td>
<td>Make sure the power cord is properly connected and not loose.</td>
<td>Check the Link LED on the Ethernet device or the network adapter cards. Check the cable and connectors. If the problem persists, replace the cable or network adapter.</td>
</tr>
<tr>
<td>Power Adapter 12 V DC 1.2 A</td>
<td>Power Adapter not functioning</td>
<td>Check the Link LED on the adapter, and follow the instructions in the manual.</td>
</tr>
<tr>
<td>Ethernet Link, 10 or 100 Mbps, transmit, collision</td>
<td>Ethernet Link LED port connected</td>
<td>Make sure the Ethernet device is connected to the telephone or fax machine and that the cable is properly connected. Check the crimp on the RJ-45 connectors and connectors.</td>
</tr>
<tr>
<td>Normal/Uplink LED port connected</td>
<td>Normal/Uplink LED port connected</td>
<td>Make sure the Ethernet device is connected to the telephone or fax machine and that the cable is properly connected.</td>
</tr>
<tr>
<td>Phoneline10X LED port connected</td>
<td>Phoneline10X LED port connected</td>
<td>Make sure the Ethernet device is connected to the telephone or fax machine and that the cable is properly connected.</td>
</tr>
<tr>
<td>Status LEDs</td>
<td>Status LEDs</td>
<td>Check the crimp on the RJ-45 connectors. If the problem persists, replace the cable or network adapter.</td>
</tr>
</tbody>
</table>

**FCC Compliance Notice**

This equipment complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: (1) Reorient or relocate the receiving antenna. (2) Increase the separation between the equipment and receiver. (3) Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. (4) Consult the dealer or an experienced radio/TV technician for help.

**Federal Communications Commission (FCC) Compliance Statement**

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**WARNING**

This product may contain mercury. Disposal of this product may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance (EIA) at www.eiae.org.