BILLION

BiPAC 2060G

Wireless-G Powerline Adapter

Quick Start Guide

Declaration of Conformity
Konformitätserklärung

in accordance with the Radio and Telecommunications Terminal Equipment Act (FTEG)
and Directive 1999/5/EC (R&TTE Directive)
gemäß dem Gesetz über Funkanlagen und Telekommunikationsendeinrichtungen (FTEG)
und der Richtlinie 1999/5/EG (R&TTE)

The Manufacturer: *Billion Electric Co., Ltd.*
Hersteller:

          8F, No. 192, Sec. 2, Chung Hsing Rd.,
          Hsin Tien City, Taipei Hsien
          Taiwan.

declares that the product: *BiPAC 2060G*
erklärt, dass das Produkt:

          Radio equipment
          Funkanlage

Intended purpose: *BiPAC 2060G*
Verwendungszweck:

**complies with the essential requirements of §3 and the other relevant provisions of the FTEG
(Article 3 of the R&TTE Directive), when used for its intended purpose.**
bei bestimmungsgemäßer Verwendung den grundlegenden Anforderungen des § 3 und den übrigen
einschlägigen Bestimmungen des FTEG (Artikel 3 der R&TTE) entspricht.

Harmonised standards: Health and Safety requirements contained in §3 (1) 1. (Article 3 (1) a))
Harmonisierte Normen: Gesundheit und Sicherheit gemäß §3 (1) 1. (Artikel 3 (1) a))

    EN 60950-1 (2001)

Harmonised standards: Protection requirements with respect to EMC §3 (1) 2, (Article 3 (1) b))
Harmonisierte Normen: Schutzanforderungen in Bezug auf die EMV §3 (1) 2, Artikel 3 (1) b))

    EN55022 + EN 55024 (1998+A1:2000+A2:2003)

Harmonised standards: Measures for the efficient use of the radio frequency spectrum
Harmonisierte Normen: Masnahmen zur effizienten Nutzung des Funkfrequenzspektrums

    ETSI EN 300 328 (2003-04)

       EN 301 489-17 (2002-08)

Interface specification: Air interface of the radio systems pursuant to § 3(2) (Article 3(2))
Schnittstellenspezifikation: Luftschnittstelle bei Funkanlagen gemas § 3(2) (Artikel 3(2))

    2.412 – 2.472 GHz

This declaration is issued by:
Diese Erklärung wird verantwortlich abgegeben durch:

Méttmann   20. Apr. 2005
(Place)   (Date)

PPG
Power Partnership GmbH
Mozartstraße 78
40822 Mettmann - Germany
Tel +49 (2104) 801005·Fax 801006
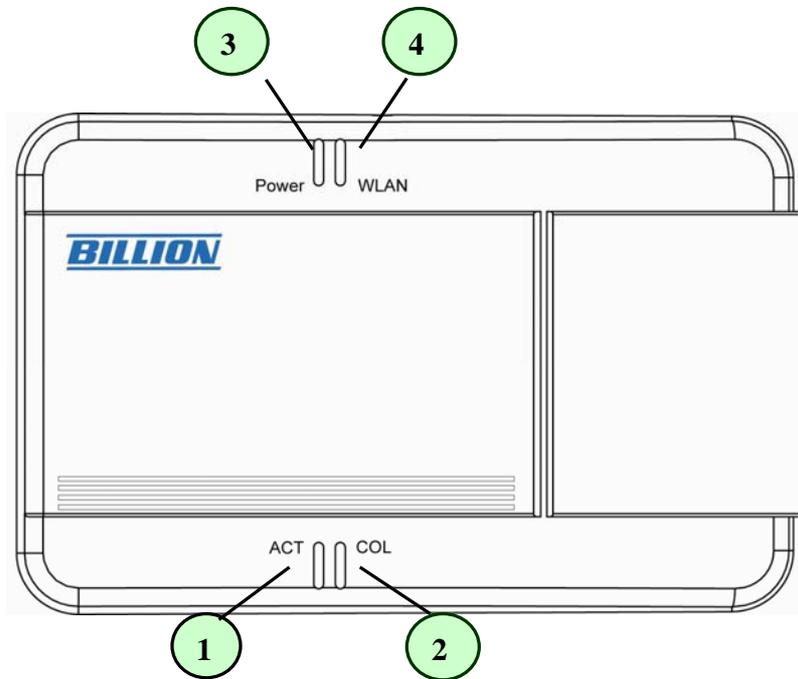
Gary Lin
President
Power Partnership GmbH

Package Contents

⚫ *BiPAC 2060G* Powerline Adapter (Switching)

Important Safety Instructions

⚫ Place the *BiPAC 2060G* on a stable surface.

⚫ Unplug the coupler from the wall outlet before cleaning. Use a damp cloth for

cleanin

⚫ **Do NOT** use the *BiPAC 2060G* in high humidity or high temperatures

⚫ **Do NOT** open or repair the case yourself.　If the *BiPAC 2060G* is too hot, unplug the power immediately and have it repaired at a qualified service center.

⚫ **Do NOT** use liquid cleaner or aerosol cleaners.

⚫ **Do NOT** operate the device near water.

⚫ Avoid using this product and all accessories outdoors.

⚫ Because the product sends data over the powerline, it is recommended that you plug directly into a power outlet.

⚫ Only a qualified technician should service this products. Opening or removing covers may result in exposure to dangerous voltage points or other risk.

The Front LEDs

LED		Meaning
1	**ACT: (Activity)**	● Blinking : Looking for Powerline Devices ● Fast Blinking : Transmit/receive data ● OFF: No Network Traffic
2	**COL: (Collisions)**	● Blinking : Collisions Detected ● OFF: No Collisions Detected
3	**Power :**	● Lit when power is on.
4	**WLAN :**	● Lit when Wireless connection. ● Blinking when transmitting / receiving wireless data traffic.

Installation

⬤ Hardware Installation：

Plug the *BiPAC 2060G* Powerline Access Point into an outlet

⬤ Connecting a Wireless Device to the Access Point：

If you are connecting to the *BiPAC 2060G* Access Point with a wireless/Homeplug device, all wireless configuration parameters must be configured to match.

> To connect to your *BiPAC 2060G* Access Point you must have an IP address .There are two ways for your wireless network adapter to obtain an IP address:
> ☑ *Typical Setup*
> →*Obtain an IP address automatically from a router on your Powerline network.*
> ☑ *Advanced*
> → *If your router does not have a DHCP server, you will need to manually configure a static IP address for your wireless adapter that is on the same subnet as your other network*
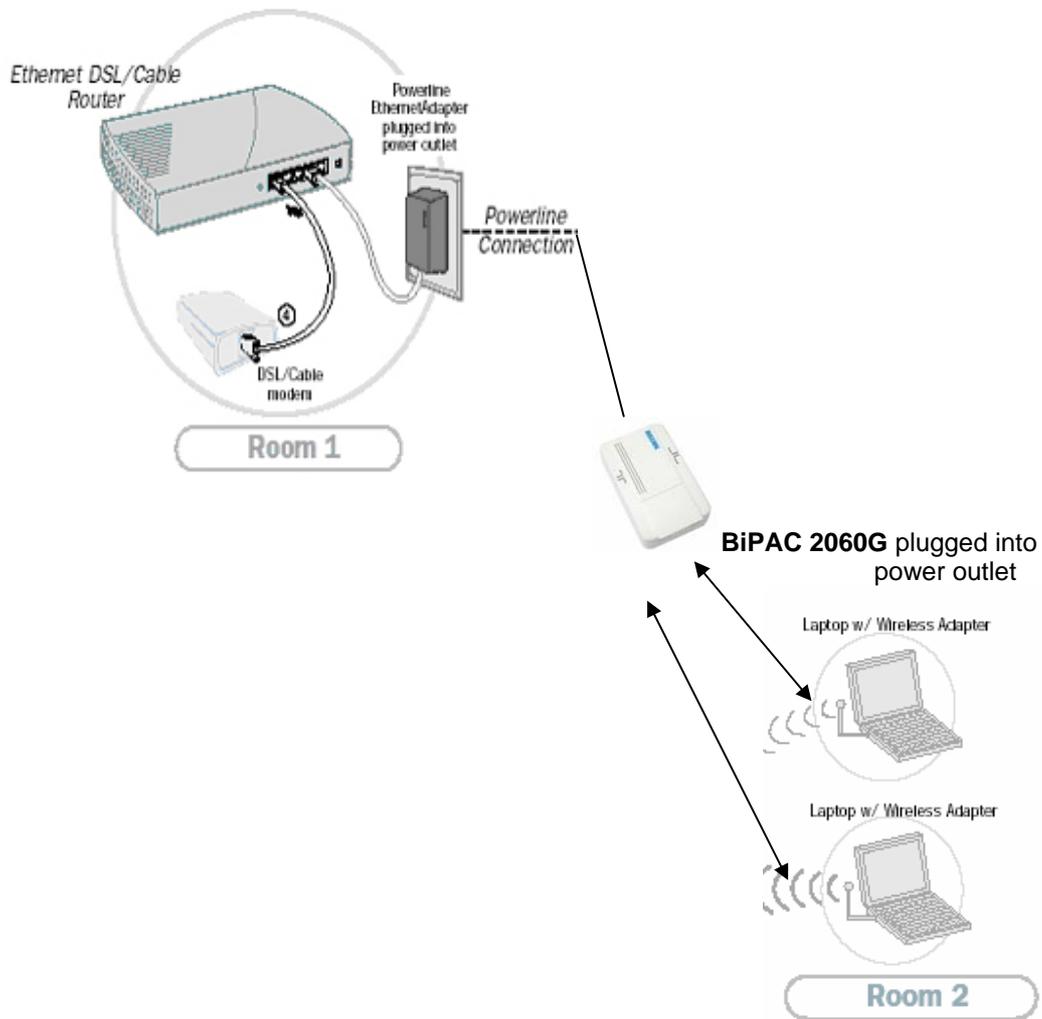>
> *Attention*

The default setting for Homeplug Access Point

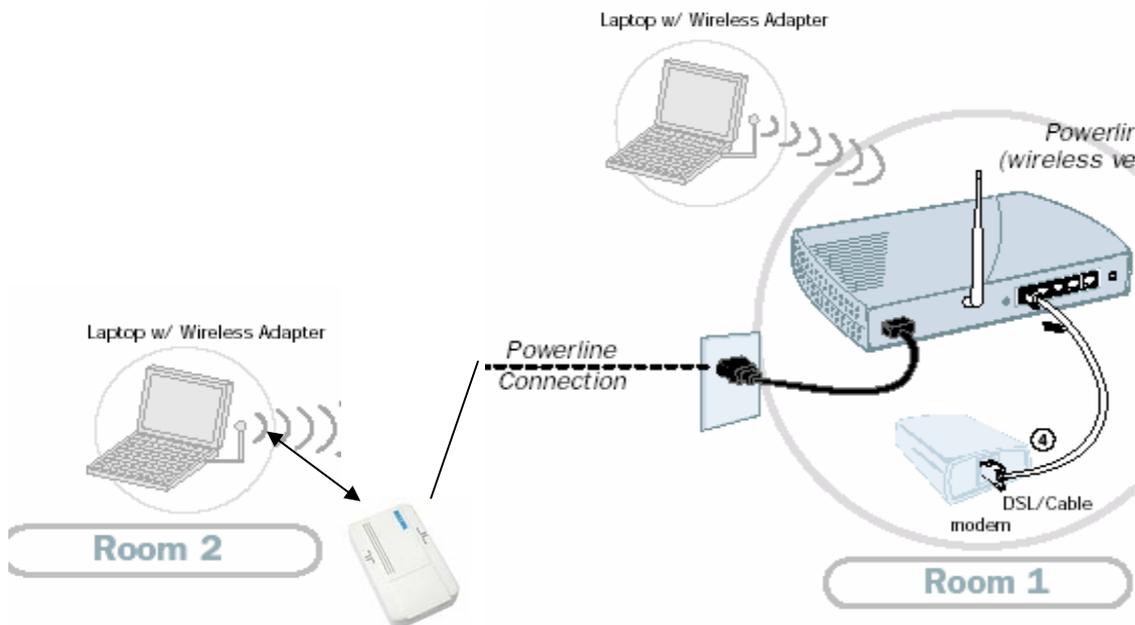| Wireless-G Powerline Adapter default setting		
1	Default IP	⬤ 192.168.1.253
2	User name	⬤ admin
3	Password	⬤ admin
4	SSID	⬤ default
5	Channel	⬤ 11
6	WEP	⬤ off
7	Network Password	⬤ HomePlug

Plan the installation of your Powerline network

1. Create a Powerline network using an Ethernet DSL/cable router.
NOTE: *You will need at least two powerline adapters to create a Powerline network..*

2. Create or extend a wireless network using a Powerline router (Ethernet or wireless).

🗁 *Troubleshooting*
🔴 *(Wireless):*

·   Verify that your network adapter is configured to connect to the same SSID. For optimal wireless performance, be sure to keep the antenna free from obstructions.

🔴 *(PowerLine):*

· Verify that your Powerline network passwords are identical for all of your PowerLine adapters.(Passwords are case sensitive)

· All PowerLine adapters need to have the same network password to communicate.

· The default network password for the *BiIPAC-2060G* is **"HomePlug"**

→How to reset your device to factory defaults.

· There is a small hole on the right side of the device labeled RESET.

· With the end of a paper clip press the button inside the unit. The LEDs on the *BiPAC 2060G* will flash. Your device is now reset to factory default settings.

Product Support and Contact Information

Most problems can be solved by referring to the **Troubleshooting** section in the User's Manual. If you cannot resolve the problem with the **Troubleshooting** chapter, please contact the dealer where you purchased this product.

WORLDWIDE
http://www.billion.com

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of 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:
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
This device complies with Part 15 of 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.
FCC RF Radiation Exposure Statement:
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.