



# DYNAMIX HP-30U

HomePNA 3.0 USB Adapter



**User's Guide**

# 128Mbps HomePNA3.0 USB Adapter

Dynamix HP-30-U  
128 Mbps  
HomePna 3.0  
USB Adapter

## User's Guide

V1.0

M73-STK09-060

## INTRODUCTION

The HomePNA3.0 USB adapter provides you the instant connectivity to multiple PCs over a home's existing telephone lines. It is designed to operate on the telephone wire installed in homes thereby eliminating the need to install new wiring.

Using telephone lines as the home networking backbones allows you to share Internet access, printers, transfer files between computers, streaming video, network games, and moreover. The network runs on standard home-grade-telephone wires just like the ones you use everyday.

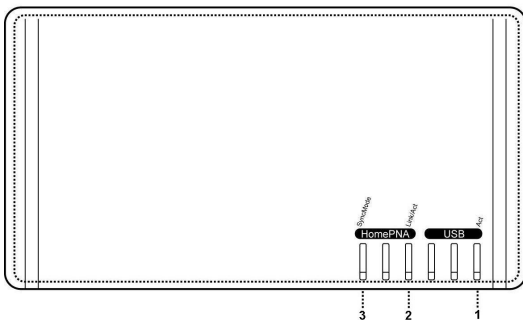
## Features

- Using existing phone jacks to build a network
- Shares high speed Internet access and streaming video
- HomePNA3.0 128Mbps standard compliant
- HomePNA3.0 QoS priority mapping
- USB 2.0 and 1.1 compliant
- USB bus powered
- Support Microsoft Windows 2000, Windows XP

## INSTALLATION

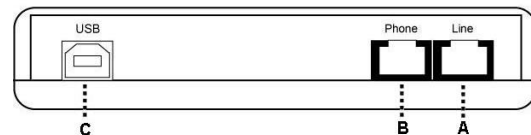
### Parts Names and Functions

#### LED Indicators on the Front Panel



|   | LED                      | Status             |                         |                     |
|---|--------------------------|--------------------|-------------------------|---------------------|
|   |                          | Glowing            | Dimming                 | Flashing            |
| ① | <b>USB Act</b>           | Powered by Host PC | Not powered             | Receive or Transmit |
| ② | <b>HomePNA Link /Act</b> | HomePNA Link       | Disconnect or Link fail | Receive or Transmit |
| ③ | <b>HomePNA SyncMode</b>  | Sync. Mode         | Async. Mode             | N/A                 |

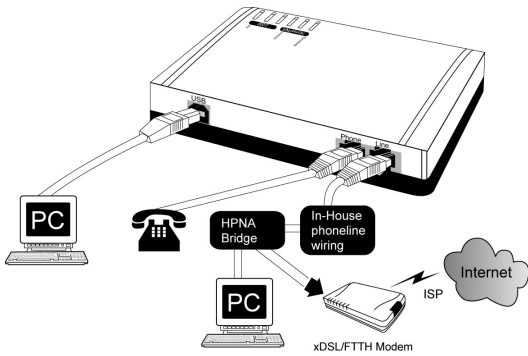
#### Ports on the Rear Panel



|   | Port Name    | Type  | Functions  |
|---|--------------|-------|--|
| A | <b>Line</b>  | RJ-11 | Connects to other Home PNA devices                   |
| B | <b>Phone</b> | RJ-11 | Connects to Telephone or Phone port of ADSL splitter |
| C | <b>USB</b>   | B     | Connects to Host PC USB port                         |

#### Hardware Connections

1. Select a convenient location for the adapter near the PC to which it will be connected. The adapter should be kept away from excessive heat.
2. Using one telephone wire to connect the **Line** port to RJ-11 jack on the wall. Using another telephone wire to connect the other **Phone** port to a telephone set (or connect the **Phone** port to "phone" port of splitter of ADSL modem)
3. Locate the USB host port of your computer. Connect the USB host port with the **USB** port of your USB adapter.
4. Windows will automatically detect the new hardware device. Perform the following "**Driver Installation**" procedures to install the device driver.



This figure shows how to connect PC to the home phone line network.

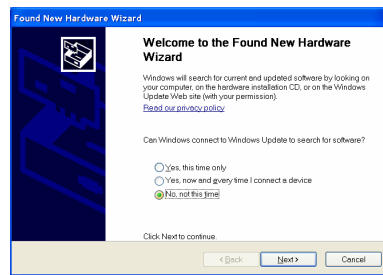
## Driver Installation

1. Once the adapter is well connected, Windows will detect the new device and start the “New Hardware Wizard”...

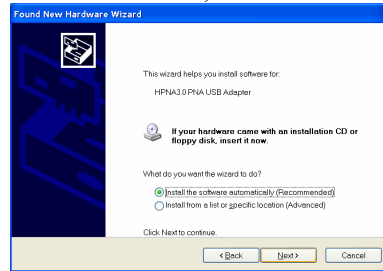


2. Don't search the software, click “Next”.

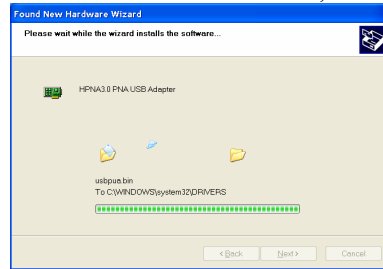
- 4 -



3. Insert the driver CD,

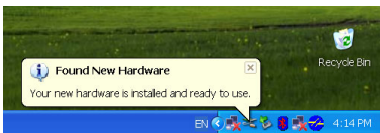
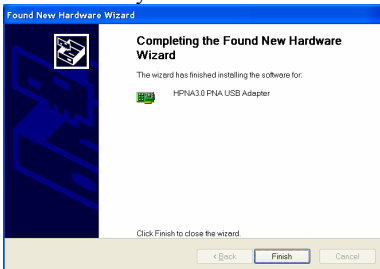


4. Windows will search and install,



- 5 -

5. Click **Finish**. Windows will prompt you the device is ready to use.



- 6 -

## SPECIFICATIONS

### Standards

- USB 2.0 and 1.1 compliant
- HomePNA 3.0 compliant
- ITU-T G.9954 compliant

### Data Rate

- Home Networking: 128 Mbps

### Distance

- Up to 600 meters maximum between the two farthest HomePNA nodes

### Power Consumption

- USB bus power DC 5V
- Less than 2.5 watt

### Certifications

- CE, VCCI
- FCC Part 15, Part 68
- UL/cUL, EN60950

### LEDs

- USB Link/Activity
- HomePNA Link/Activity
- HomePNA Synchronous/Asynchronous mode

### Connectors

- Two RJ-11, one for connecting with HomePNA device, and one for telephone bypass
- One USB type B connector

- 7 -