USB 10M HomePNA Network Adapter

Quick Installation Guide

REGULATORY STATEMENTS

Part15, Class B

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interface, and

2. This device must accept any interface received, including interface that may cause undesired operation. 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 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 distance between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

⌀ Changes or modifications not expressly approved by party responsible for compliance could void the user authority to operate the equipment.

FCC Part 68 Registration

This device complies with FCC Part 68 rules, and the use of this device is subject to the following restrictions:

The FCC has established rules which permit this device to be directly connected to the telephone network. Standardized jacks are used for these connections. This equipment should not be used on party lines or coin phones.

If this device is malfunctioning, it may also be causing harm to the telephone network; this device should be disconnected until the source of the problem can be determined and until repair has been made. If this is not done, the telephone company may temporarily disconnect service.

The telephone company may make changes in it's facilities, equipment, operation and procedures; if such changes affect the compatibility or use of this device, the telephone company is required to give adequate notice of the situation with the FCC.

If the telephone company requests information on what equipment is connected to their lines, inform them of:

    a. The telephone number to which this unit is connected.
    b. The Ringer Equivalence Number (REN).
    c. The USOC jack required.
    d. The FCC Registration number.

Items (b) and (d) are indicated on the label. The Ringer Equivalence Number (REN) is used to determine how many devices can be connected to your telephone line. In most areas, the sum of the REN's of all the devices on any one line should not exceed 5.0. If too many devices are attached, they may not ring properly.

Introductions

The **USB 10M HomePNA Network Adapter** is fully compatible with the Universal Serial Bus (USB) functionality built in Windows 98/ME, Windows 2000 and Windows XP. It provides you the instant connectivity to multiple PCs over a home's existing telephone lines.

You can share network-enabled printers, transfer files between computers, play network games, and moreover - no switches, hubs, or even any additional cables is required. The network runs on standard home-grade-telephone wires just like the ones you use everyday. Plus, it doesn't interfere your normal phone use.

Features

- Build a network by using your existing telephone line

- 10Mbps or 1Mbps transfer rate over telephone lines

- Share Internet access between your PCs

- Enable file, data and printer sharing between your PCs

- Microsoft Windows 98, ME, 2000, XP supported

- External USB network adapter with 1 RJ-11 modular telephone port

- USB cable included – true plug & play

- HomePNA specification 2.0 compliant

- Connect up to 25 devices together on your home phone network

System Requirements

- A Pentium® processor-based personal computer 166MMX or above.
- At least 16 MB of RAM.
- One USB port well installed and enabled.
- Microsoft Windows 98, Windows ME, Windows 2000, or Windows XP.
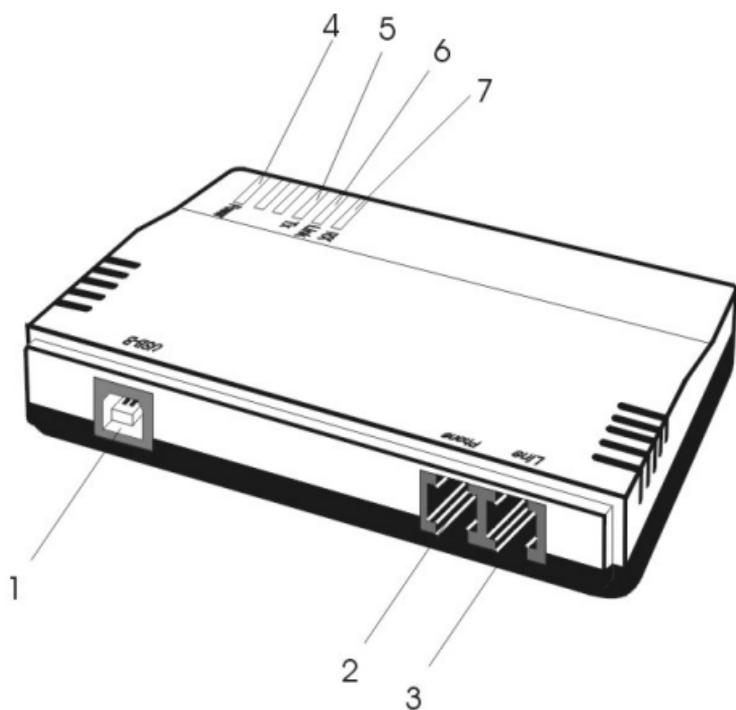
Specifications

Network Standard

- HomePNA specification 2.0
- Standard phone wiring

Supported Operating Systems

- Windows 98
- Windows ME
- Windows 2000
- Windows XP

Parts Names and Functions

	Port	Functions
①	**USB-B**	USB device port.
②	**Phone**	connects the **USB 10M HomePNA Network Adapter** to a phone setting.
③	**Line**	connects the **USB 10M HomePNA Network Adapter** to a phone jack.

Table 1. Connection Ports

|	LED	Status
④	**POWER**	glows green when your PC power is on and the device is well connected to the USB host port of your system.
⑤	**TX**	blinks amber when transmitting data.
⑥	**Link**	glows green when linked with other HomePNA compliant devices.
⑦	**RX**	blinks amber when receiving data.

Table 2. Indicator LEDs

Hardware Installation

Before getting started

Before installation, make sure the USB port on your computer is enabled. To learn how to check this, see the Diagnostics section.

Getting Hooked Up

1. Locate the USB host port of your system. Align the USB connector toward the USB host port, push evenly and steadily until it is seated.
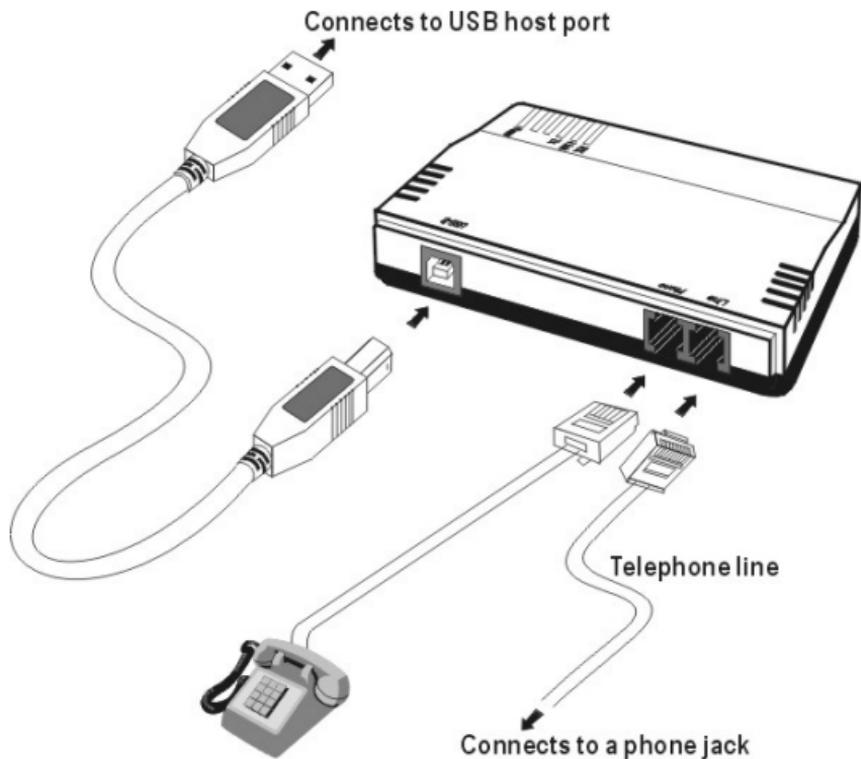
2. Connect the other end of the USB connection cable to the device port of your **USB 10M HomePNA Network Adapter** (i.e. USB B Port, refer to the section titled "Parts Names and Functions" for details).

3. Windows will automatically detect the new hardware device. Perform the following procedures to install the device driver.

Connecting Telephone Cabling

1. Attach one end of the telephone line to the USB 10M HomePNA Network Adapter's **Line** port.

2. Connect the other end of the line into a phone jack in the wall.

3. Connect the USB 10M HomePNA Network Adapter's **Phone** port to a phone setting.
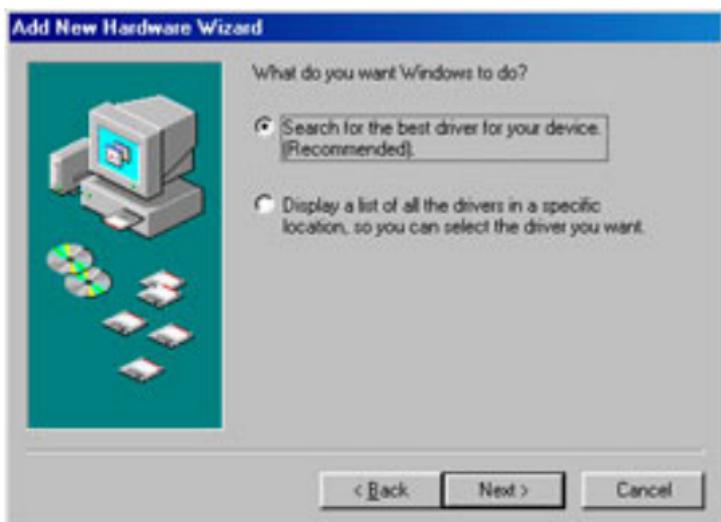
Software Installation

Windows 98 Installation

1. Once the **USB 10M HomePNA Network Adapter** is well connected, Windows will detect the new device and prompt you to insert the network device driver. Click **Next.**

2. Insert the **USB 10M HomePNA Network Adapter Driver Disk** into the floppy disk drive. Select **Search for the best driver for your device…** and click **Next.**

3. Specify **Floppy disk drivers** and click **Next.** Windows will start searching for the appropriate driver for the network device installation.

4. Ensure that the file path is correct. Click **Next** to continue.

5. Windows will copy the appropriate driver to your system. If Windows 98 asks you to supply your original Windows 98 installation CD-ROM, load it on the CD-ROM drive.

6. Click **Finish** to complete the software installation.

Window Me Installation

1. Once the **USB Home PhoneLine 1Mbps Network Adapter** is well connected to your computer, Windows ME will automatically detect the new device. Select **Specify the Location of the driver…** and click **Next**.

2. Insert the device driver disk into the floppy disk drive on your system.   Select

Removable Media (Floppy, CD-ROM…) and click **Next**.

3. Click **Next** to continue.

4. Windows will copy the appropriate driver to your system. If Windows ME asks you to supply your original Windows ME installation CD-ROM, load it on the CD-ROM drive.

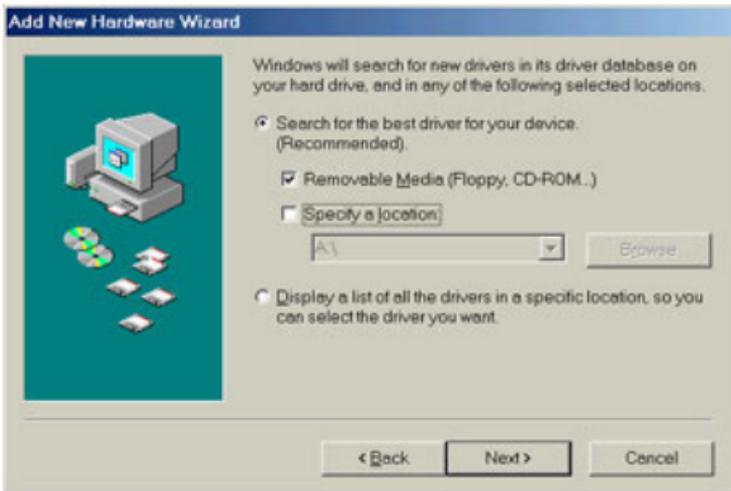5. Click **Finish** to complete the software installation.

Windows 2000 Installation

1. Once the **USB 10M HomePNA Network Adapter** is well connected, Windows will detect the new device and prompt you to insert the network device driver. Click **Next.**

2. Insert the **USB 10M HomePNA Network Adapter Driver Disk** into the floppy disk drive of your system. Select **Search for the best driver for your device…** and click **Next.**

3. Specify **Floppy disk drivers** and click **Next.** Windows will start searching for the appropriate driver for the network device installation.

4. Ensure that the file path is correct. Click **Next** to continue.

Found New Hardware Wizard

Driver Files Search Results
The wizard has finished searching for driver files for your hardware device.

The wizard found a driver for the following device:

USB 10M HomePNA Network Adapter

Windows found a driver for this device. To install the driver Windows found, click Next.

a:\bcm42u.inf

< Back   Next >   Cancel

5. Click **Yes** to continue.

Digital Signature Not Found

The Microsoft digital signature affirms that software has been tested with Windows and that the software has not been altered since it was tested.

The software you are about to install does not contain a Microsoft digital signature. Therefore, there is no guarantee that this software works correctly with Windows.

USB 10M HomePNA Network Adapter

If you want to search for Microsoft digitally signed software, visit the Windows Update Web site at http://windowsupdate.microsoft.com to see if one is available.

Do you want to continue the installation?

Yes   No   More Info

6. Windows will copy the appropriate driver to your system. If Windows 2000 asks you to supply your original Windows 2000 installation CD-ROM, load it on the CD-ROM drive.

7. Click **Finish** to complete the software installation.

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Found New Hardware Wizard

Completing the Found New Hardware Wizard

USB 10M HomePNA Network Adapter

Windows has finished installing the software for this device.

To close this wizard, click Finish.

< Back | Finish | Cancel
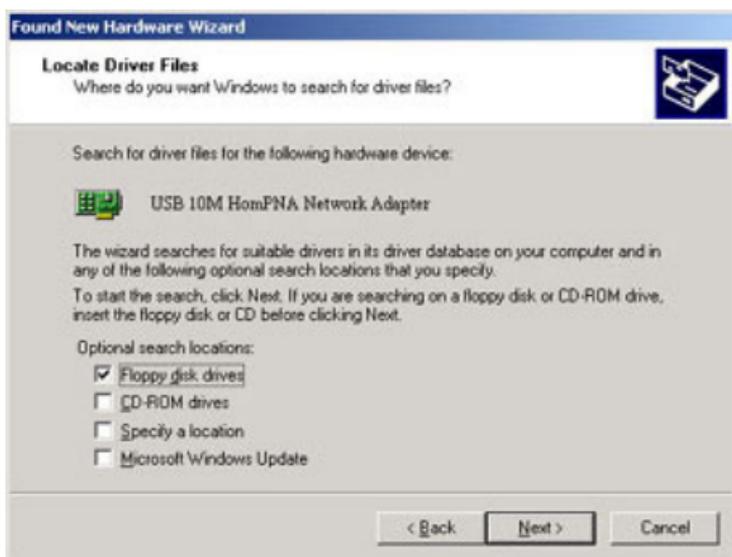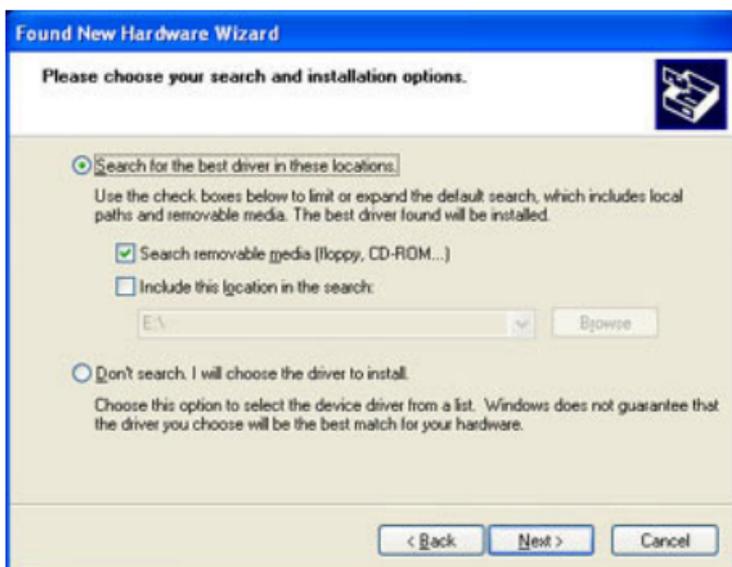
Windows XP Installation

1. Once the **USB 10M HomePNA Network Adapter** is well connected, Windows will detect the new device and prompt you to insert the network device driver. Click **Install from a list or specific location…** and click **next.**

Found New Hardware Wizard

Welcome to the Found New Hardware Wizard

This wizard helps you install software for:

USB 10M HomePNA Adapter

If your hardware came with an installation CD or floppy disk, insert it now.

What do you want the wizard to do?

○ Install the software automatically (Recommended)
● Install from a list or specific location (Advanced)

Click Next to continue.

< Back | Next > | Cancel

2. Insert the **USB 10M HomePNA Network Adapter Driver Disk** into the floppy disk

drive of your system. Select **Search for the removable media…** and click **Next.**

3.   Windows will start searching for the appropriate driver for the installation. When the screen appears as below, click **Continue Anyway** to proceed.

4.   Wait for seconds while Windows copies the appropriate driver to your system.

5. Click **Finish.** The software installation for this network device is now completed.

Diagnostics

How should I know if the devices (i.e. **Universal Serial Bus controller, USB 10M HomePNA Network Adapter)** exist and are enabled in my computer?

Step1

Windows 98/ME

Go to **Start → Settings → Control Panel → System → Device Manager.**

Windows 2000

Go to **Start → Settings → Control Panel → System→Hardware→Device Manager**.

Windows XP

Go to **Start → Control Panel → System →Hardware→Device Manager**.

Step 2

Check if the devices are displayed in the following **Device Manager** Window. If not, consult your computer dealer for technical support.