

**Notebook Expansion  
USB home dock  
with audio pass-through**



**Targus®**

**USER GUIDE**

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# TARGUS NOTEBOOK EXPANSION USB HOME DOCK WITH AUDIO PASS-THROUGH

## Introduction

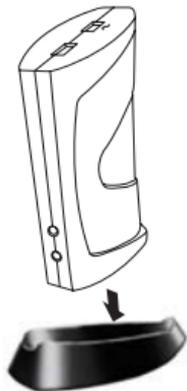
Congratulations on your purchase of the Targus Notebook Expansion USB home dock with audio pass-through. This desktop hub allows you to expand your desktop by adding 4 additional USB ports with over-current protection, and audio pass-through ports for easy connection of headphones/ speakers and a microphone.

The Notebook USB home dock hub also offers three unique features:

- 1 *High Power* technology - provides twice the USB specification for devices that require more power than normal USB ports provide.
- 2 *Targus Always On* technology - provides power to the USB ports even when the computer is shut-down, disconnected, or in hibernation/ stand-by mode. This allows USB devices that charge via the USB port to keep charging under any circumstance.
- 3 *Targus Easy Access Ports* - USB ports are spaced wider apart to accommodate larger USB adapters.

## Features

### Space Saving and Flexible:



The Notebook USB home dock with Audio Pass-Through is designed to sit on your desktop in either the horizontal or vertical position. To stand the hub in the vertical position, simply insert it into the provided base. This will maximize your desktop space and provide easy access to the top ports. The hub can also be positioned on the left or right side of your monitor for different usage styles of left or right handed mouse users.

### The Notebook USB home dock Hub includes the following ports:

- Four 3.5 mm Audio: (2) headset in/out and (2) microphone in/out (located on the front and the back of the hub)
- Two USB 2.0 ports
- Two USB High Power Ports (Providing up to 1Amp of power per port - one port located on the top of the hub, and the other one port located at the back of the hub. These ports are distinguished by the lightning bolt icon next to them)
- One mini USB port

# Package Contents

In addition to this user guide, the package contains:

- Targus Notebook Expansion USB home dock with audio pass-through
- High-speed USB 2.0 upstream cable
- Audio pass-through cable for microphone/ headset
- AC power adapter (Required)
- One Removable Base

# System Requirements

## **Hardware**

- USB version 2.0 port
- Audio Connections for use with Audio pass-through ports



NOTE: WHEN CONNECTED TO A USB VERSION 1.1 PORT ON YOUR COMPUTER, THE NOTEBOOK USB HUB'S PERFORMANCE LEVEL WILL BE LESS THAN OPTIMAL. FOR BEST RESULTS, CONNECT IT TO A USB VERSION 2.0 PORT.

## **Operating System**

- Windows® ME / 2000 Service Pack 4 / XP
- Windows Vista™
- Mac OS X (10.X or greater)



NOTE: TO DOWNLOAD THE LATEST SERVICE PACKS, PLEASE VISIT YOUR COMPUTER MANUFACTURER'S WEBSITE OR MICROSOFT'S DOWNLOAD CENTER:

<http://support.microsoft.com/default.aspx?scid=fh%3BEN-US%3Bsp>

# Connecting the Notebook Expansion USB home dock with audio pass-through

## Connecting the Notebook Expansion USB home dock with audio pass-through to Your Computer

To connect the notebook 4 port USB Hub to your computer:

- 1 Connect the supplied AC power adapter to the AC power jack on the back of the hub.
- 2 Connect one end of the USB upstream cable to the mini USB port on back of the hub, and the other end into an available USB 2.0 port on your computer.



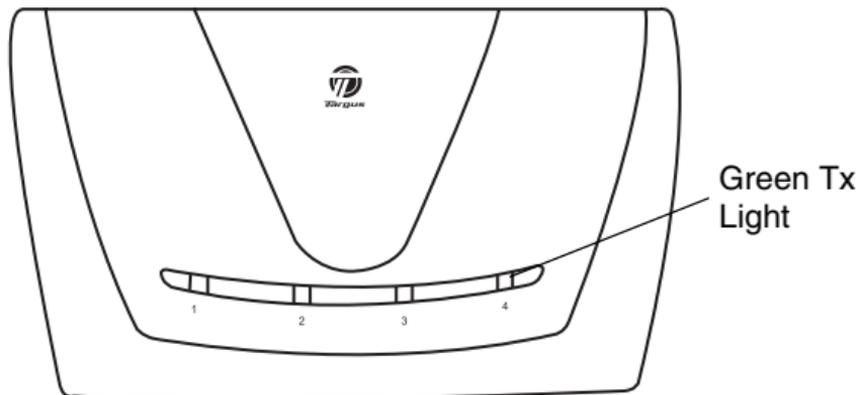
WARNINGS: THE NOTEBOOK USB 2.0 4-PORT HUB WITH AUDIO PASS-THROUGH WILL NOT FUNCTION PROPERLY WITHOUT THE AC ADAPTER PLUGGED INTO AN AC OUTLET.

DO NOT CONNECT ANY DEVICES TO THE NOTEBOOK EXPANSION USB HOME DOCK WITH AUDIO PASS-THROUGH UNTIL THE CONNECTION IS COMPLETED.

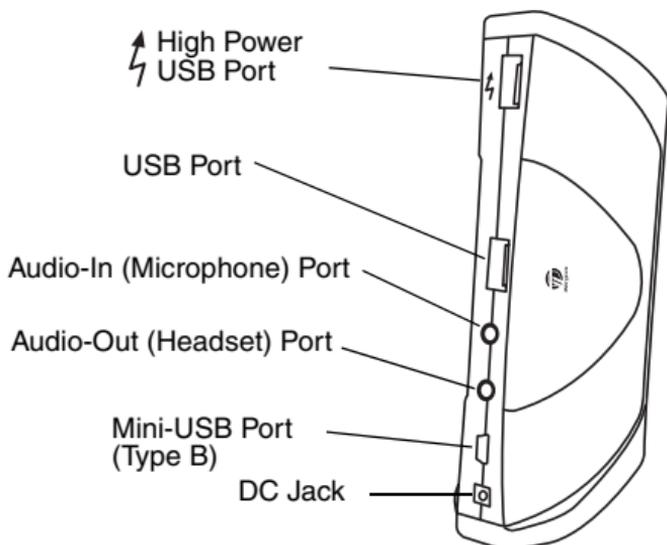
## LED Status Indicator Lights

The USB LED status indicator lights on the side of the USB hub glow when you connect devices to the hub.

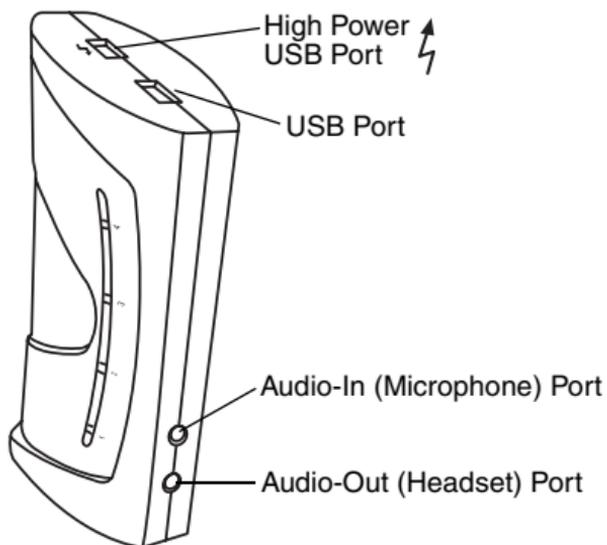
- Green Tx light illuminates when connected to an USB device.



*USB 2.0 4-Port Hub Horizontal View*



*USB 2.0 4-Port Hub Back Vertical View*



*USB 2.0 4-Port Hub Top and Front Vertical View*

# Connecting New Devices

To avoid possible damage when connecting a new device, do not force the cable connector into the port on the USB hub. If the cable connector does not attach smoothly, turn the connector over and try attaching it again.

## Connecting a USB Device

To connect a USB device, plug it into a USB port and follow the additional instructions provided with the device or on your computer screen.

All four USB ports meet USB High-speed requirements, of which two of them are High Power USB ports with unique features. See “Targus Always On” on page 11 for more details, and “Using USB Devices That Require More Power” on page 11.

The standard USB ports, which are located next to the microphone port and the High Power USB port at the top of the hub, are high-speed ports that provide standard 500mA of power.



THE TWO USB PORTS WITH THE LIGHTNING BOLT SYMBOL ARE ALSO HIGH-SPEED PORTS THAT PROVIDE UP TO 1AMP OF POWER EACH. THEY CAN BE USED TO POWER USB DEVICES SUCH AS HARD DRIVES, PRINTERS, AND EXTERNAL OPTICAL DEVICES THAT DRAW MORE POWER THAN A STANDARD USB PORT SUPPLIES.

## Connecting an Audio Device

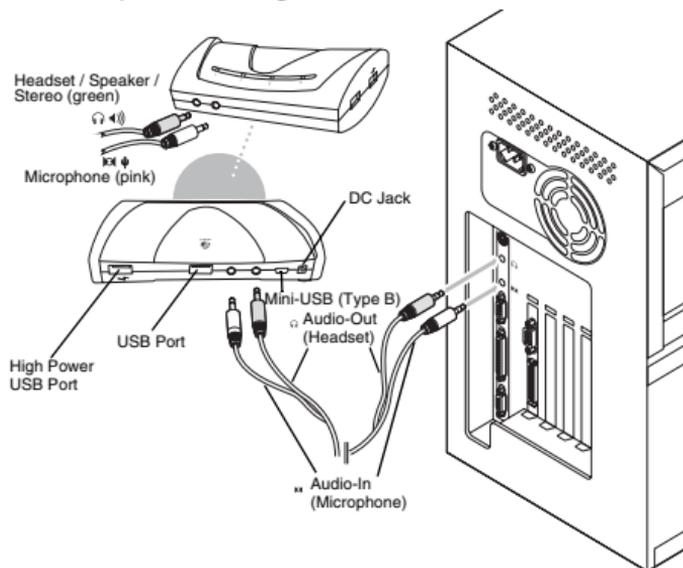
- 1 Plug your headphones or speakers into the green 3.5mm *Audio Out (Headset)* port on the USB hub.



- 2 Plug your microphone jack into the mono *Audio In (Microphone)* port.



- 3 Connect the audio output from the back of your computer to the back of the USB hub via the supplied audio pass-through cable as shown below.



### *Audio Connection of USB 4-Port Hub and PC*



NOTE: SOME COMPUTERS NEED TO CONNECT TO EITHER THE LINE-OUT OR THE CENTER-OUT CHANNEL OF A SOUND CARD. CONSULT THE SOUND CARD MANUAL FOR INSTRUCTIONS (PROCEDURES MAY VARY).

## **Global Suspend Mode**

When your computer is in suspend mode, the USB 2.0 4-port hub also enters suspend mode to avoid power consumption. When your computer wakes up, so does the hub automatically.

## **Targus Always On**

The two USB ports that provide up to 1Amp of power will continue providing power even when the laptop is powered down or disconnected from the USB 2.0 4-port hub. This allows you to continue to charge any USB device you may have connected.

## **Using USB Devices That Require More Power**

Some devices, which use large amounts of power, such as printers and optical drives, should be plugged into the USB High Power Ports. These ports will provide up to 1000mA of power - double the power of a standard USB ports, and are identified by the lightning bolt symbol.



## **Product Limitations**

Some devices may halt temporarily when a high data transfer is occurring. For example, your mouse may

respond slowly while a graphic print job is printing or while you are experiencing heavy network traffic.

We recommend the following guidelines:

- Do not transfer data to or from multiple high-speed devices, such as a digital camera or scanner, at the same time.
- If speed degradation does occur, close other programs that use a USB device to improve device performance.

# Troubleshooting

## Device Not Working

- Make sure that the device is fully inserted into the correct port on the USB 2.0 4-port hub.
- Plug the device into a different port on the USB hub. If it still doesn't work, test the device by connecting it directly to your computer.
- Verify that you ran the Setup or Install program for the device.
- Make sure that the device appears in Device Manager. For more information refer to "Verifying Devices are Installed" on page 13.
- Disconnect all devices from the USB 2.0 4-port hub and reconnect them, one at a time. Check that each device works before plugging in the next one.
- Each USB port is equipped with over-current protection. Should a USB device draw more current than the USB port can supply, the port will shut down.

To re-enable the port, unplug the device and go to *Device Manager* or to the message in the system tray and choose the **Reset** option. You can then plug the device back into the USB port. If a shut down reoccurs, check the power requirements of the device.

## Verifying Devices are Installed

You can view the devices installed on the USB 2.0 4-port hub from the Device Manager window in System Properties.

Right-click **My Computer, Properties**, then click the **Hardware** tab, and then the **Device Manager** button.

## Technical Support

For technical questions, please visit:

### **US**

Internet: [www.targus.com/support.asp](http://www.targus.com/support.asp)

### **Australia**

Internet: [www.targus.com/au](http://www.targus.com/au)

Email: [infoaust@targus.com](mailto:infoaust@targus.com)

Telephone: 1800-641-645

### **New Zealand**

Telephone: 0800-633-222

# Product Registration

Targus recommends that you register your Targus accessory shortly after purchasing it. To register your Targus accessory, go to: <http://www.targus.com/registration.asp>

You will need to provide your full name, email address, phone number, and company information (if applicable).

# Warranty

Targus warrants this product to be free from defects in materials and workmanship for one year. If your Targus accessory is found to be defective within that time, we will promptly repair or replace it. This warranty does not cover accidental damage, wear and tear, or consequential or incidental loss. Under no conditions is Targus liable for loss of, or damage to a computer; nor loss of, or damage to, programs, records, or data; nor any consequential or incidental damages, even if Targus has been informed of their possibility. This warranty does not affect your statutory rights.

# Regulatory Compliance

This device 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.

## FCC Statement

### Tested to Comply

This equipment has been tested and found to comply with the limits of 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:

- 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 experienced radio/TV technician for help.

Changes or modifications not authorized by the party responsible for compliance could void the user's authority to operate this product.

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