

# POWER USB



9/24/2010

Computer Controlled Power Strip

USER MANUAL

# Power USB

## USER MANUAL

### CAUTION

Please note that the PowerUSB is to be used for low power devices and not for devices requiring more than 6Amp load. On loads more than 3Amp continuous load it is not recommended to switch on the devices more than 50% of the time. Please consult us if your load is higher than 6Amp. The PowerUSB is under certification process for ETL and UL and not yet certified.

The fast acting fuse protects the PowerUSB against high load and is not under warranty. Only the fast acting fuse should be used in the computer controlled outlets. The replacement fuses can be ordered from us.

If PowerUSB is not working, please read the Troubleshooting guide before contacting us.

### PACKET CONTENTS

Item	Quantity
PowerUSB Power Strip	1
Software CD	1
Test Lamp	1
Adapter Plug for 2 pin Polarity Plug (Plug where one pin wider than other)	1

# 1. INSTALLATION

## 1.1 SOFTWARE SETUP

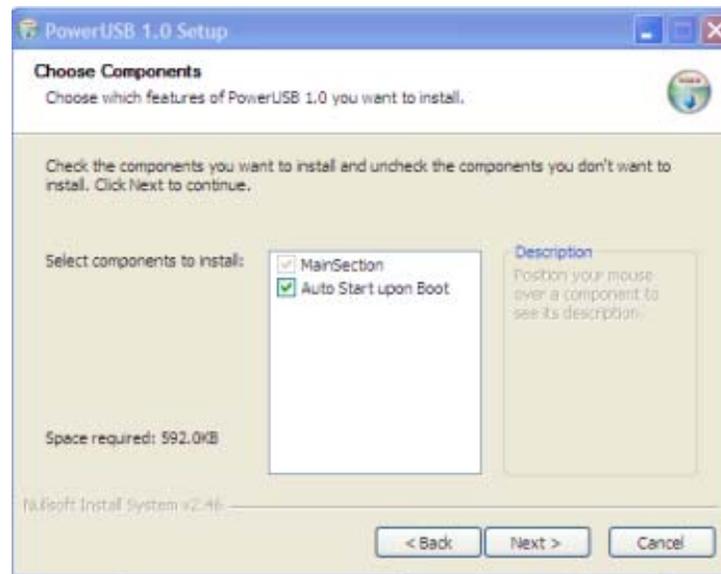
- Run Setup from CD



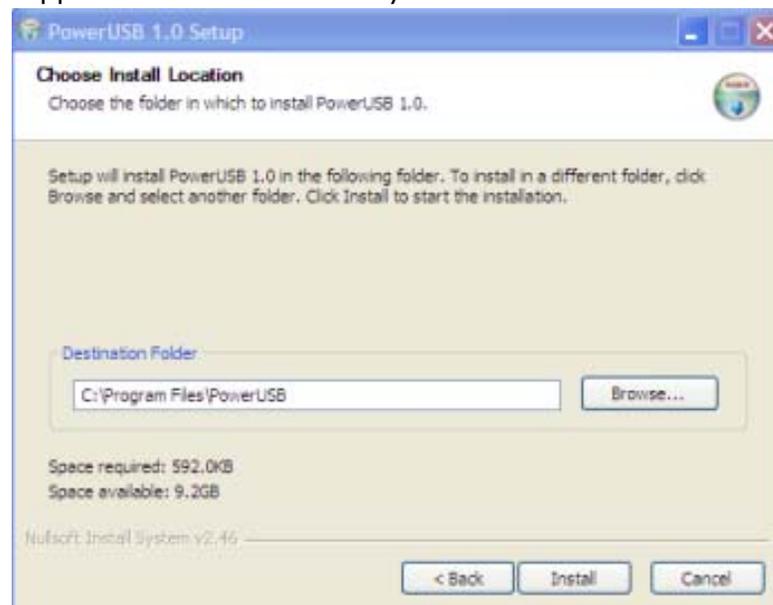
- Close any background applications and click Next



- Read and Accept the License Agreement



- MainSection (software application) will be installed by default. Choose “Auto Start upon Boot” if you want the PowerUSB application to be automatically started when windows starts up.



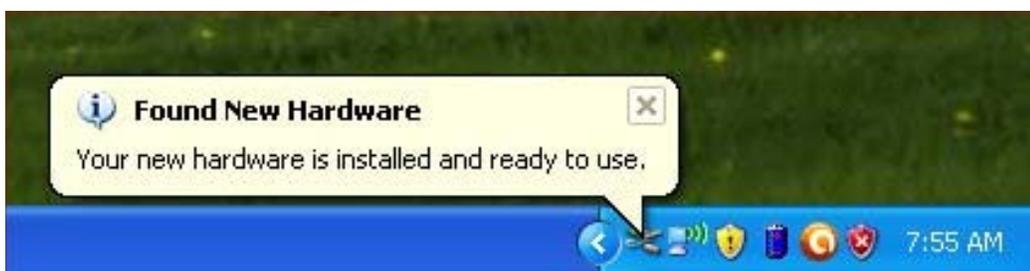
- PowerUSB will be installed in default C drive Programs Directory. If any other directory is required, select the directory through Browse button. Click on Install to begin installation process
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- "RunPowerUSB1.0" check box will run the application upon clicking the Finish button. Show Readme will open the User Manual.

## 1.2 DRIVER INSTALLATION

The PowerUSB uses a Plug and Play HID (Human Interface Driver) supported by Windows (and many other operating systems). When you plug the PowerUSB in the computer USB port for the first time, Windows will install the driver automatically. You should see the messages similar to the below screens in the Window System tray (in the bottom right corner of the screen).



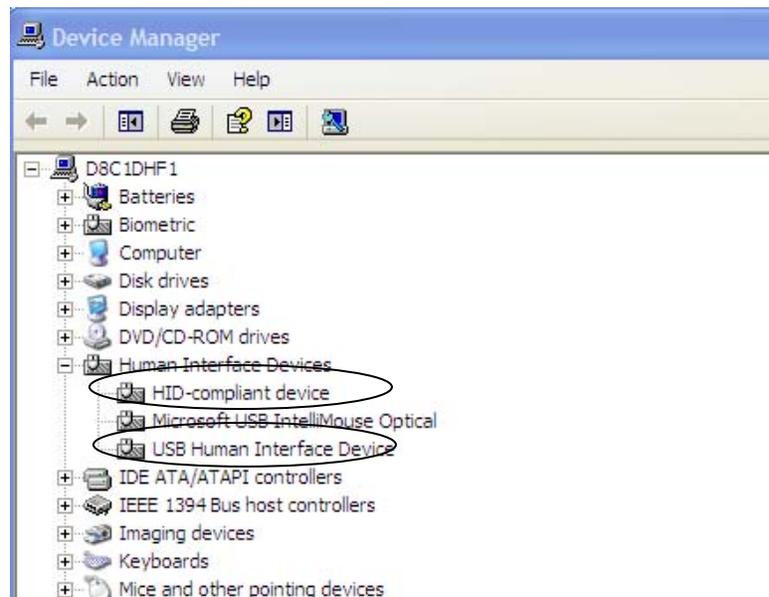
The installation of the PowerUSB HID driver can be confirmed by checking it in the Device Manager.

The DeviceManger can be started from either ControlPanel -> System -> HardwareTab -> DeviceManger

Or

Windows Start Run and type “start devmgmt.msc”

In the Device Manager you should see “HID-compliant device” and “USB Human Interface Device” as shown below.



## 2. USING THE SOFTWARE

### 2.1 START APPLICATION

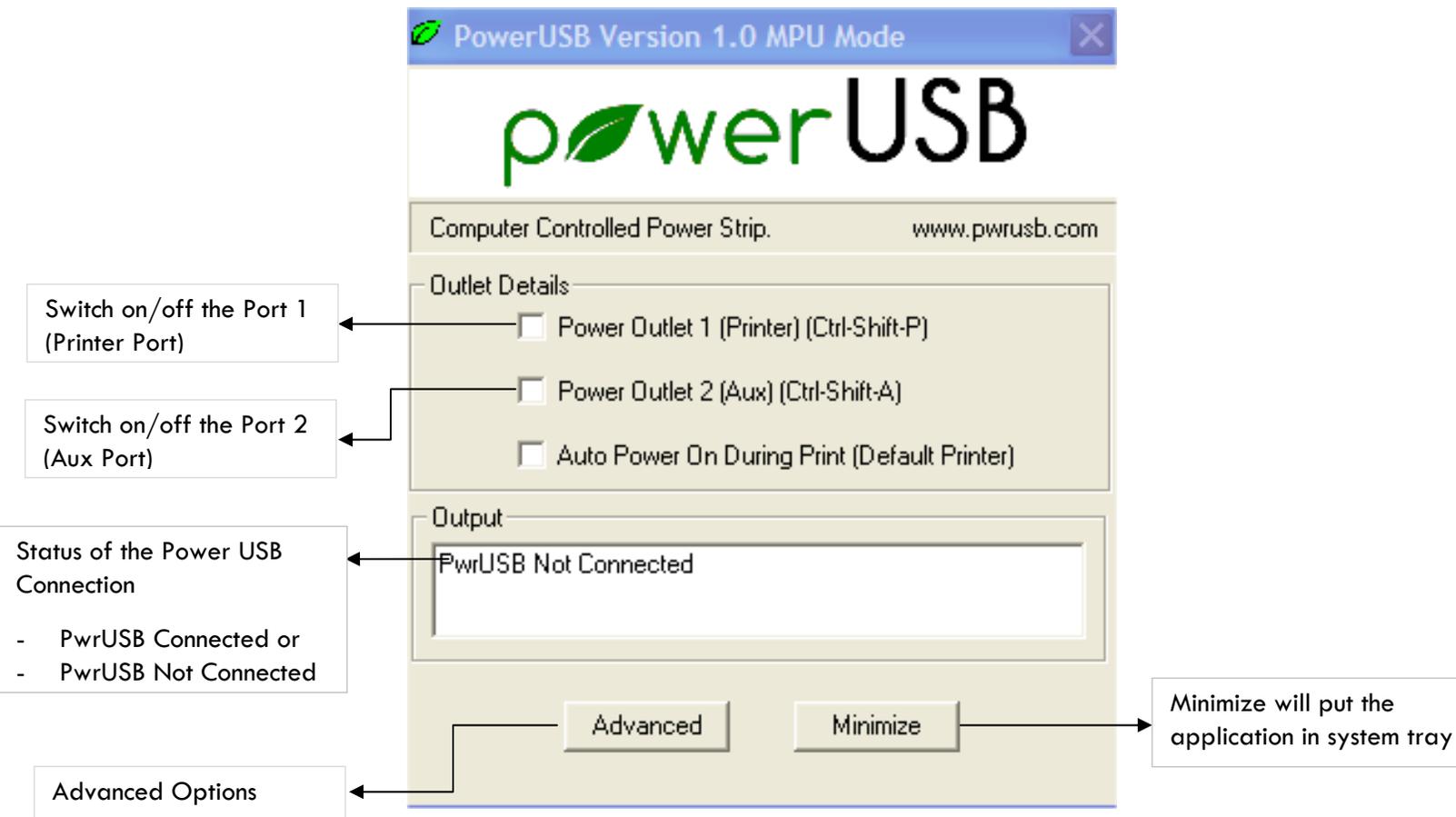
Run the Software by double click of PowerUSB icon or from the Windows Start menu under Power USB group



Power USB Icon



### 2.2 SOFTWARE INTERFACE



### 2.3 CONTROLLING OUTLETS

The outlets can be powered on by selecting the check box for “Power Outlet 1” and “Power Outlet 2”. The outlets can also be toggled (on to off or vice versa) by shortcut keys. The shortcut keys for switching on/off (toggle) outlet 1 and 2 are

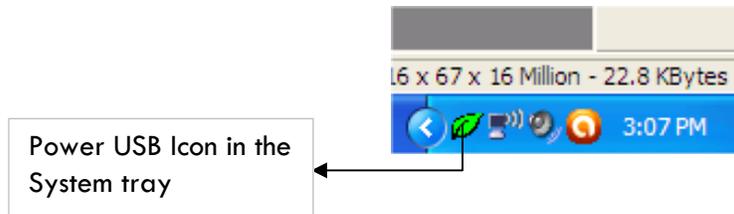
Outlet 1: Simultaneously pressing Control – Shift and P key

Outlet 2: Simultaneously pressing Control – Shift and A key.

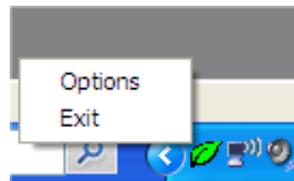
These shortcut keys will work even when the application is minimized and running in the background

### 2.4 RUNNING THE APPLICATION IN BACKGROUND

When Minimize button is clicked, the application will be running in the background and will be shown in the windows system tray located in the bottom right corner of the screen

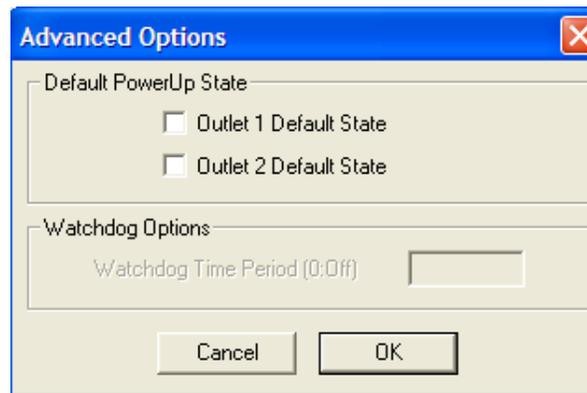


To bring the application to front, right click on the leaf in the icon tray and select options. Selecting Exit will quit the application



## 2.5 ADVANCED OPTIONS

Clicking the Advanced button will open the Advanced Options dialog.



- The Outlet1 and 2 Default state will set the default state of the outlets when connected to computer (even without the PowerUSB control software running). When set to On, the outlets will turn on when connected to computer and turn off when disconnected from computer.

## 2.6 EXITING THE APPLICATION

The application can be exited (quit) only from the system tray. When minimized it will be running in the background in system tray. Right click on the leaf in the system tray and select Exit. Once quit, the power outlets will be in the previous state.

### 3. TROUBLESHOOTING

If there is no power from in the outlets, follow the troubleshooting tips from below. If the powerUSB is still not functioning after trying the steps below, please send mail to [support@pwrusb.com](mailto:support@pwrusb.com) with details of the problem. Our support team will get back to you.

#### 3.1 NO POWER IN ANY OUTLETS

- Ensure that the power cable plug is properly inserted in the wall outlet
- Ensure that the power switch (on the PowerUSB) is switched-on and lighted.
  - If power switch is not lighted, the switch is not functioning. Please contact PowerUSB support

#### 3.2 NO POWER IN THE “COMPUTER CONTROLLED OUTLETS”

- Ensure that the power cable plug is properly inserted in the wall outlet
- Ensure that the power switch (on the PowerUSB) is switched-on and lighted.
  - If power switch is not lighted, the switch is not functioning. Please contact PowerUSB support
- Ensure that the USB cable is connected to computer
- PowerUSB software should be started and showing “PowerUSB Connected” in the output box
- Ensure that “Power Outlet 1” and “Power Outlet 2” checkboxes are selected
- Check and make sure that the “Port 1” and “Port 2” LED is lighted on the power strip
  - If LED is not lighted please contact PowerUSB support
- If LEDs are lighted and still no power from the outlets, check to make sure fuse is not blown for the corresponding outlet.
  - If there is still no power in the outlets, please contact PowerUSB support.

#### 3.3 POWER STRIP IS NOT RECOGNIZED BY COMPUTER

- Ensure that the USB cable is fully inserted into the computer USB port. Try using alternate USB port in the computer
- Run the Program “DevMgrHidden” from the “Program Files\PowerUSB\” directory. Make sure that the power strip is connected.
- You should see “HID compliant Device” in the device manager.
- If the PowerUSB is still not recognized, try it in another computer (if available)
- Contact us if the above steps fail.

#### 3.4 TWO PIN POLARITY PLUG WITH ONE PIN BIGGER WILL NOT FIT INTO THE POWER STRIP

- Plug in the polarity two pin into provided adapter and plug the adapter (with 2 pin plug attached) into the powerUSB outlet