

Juice Box Quick Start Guide

Package Contents - Remove all contents from the shipping container and verify you have the following items:

- Juice Box Ethernet Power Hub
- AC Line Cord
- Rack mounting hardware including 2 mounting brackets and 4 black 8/32 by 5/16" flat head screws Chassis feet for table mounting
- Juice Box CD ROM

Mounting - Mount the Juice Box in a rack or apply the feet for table mounting.

AC Power - Attach the AC line cord and plug into a standard outlet.

Factory Network Settings - The Juice Box comes from the factory with the following network configuration:

- IP Address: 192.168.0.30
- Subnet Mask: 255.255.255.0
- Gateway: 0.0.0.0

You can use these settings if your computer has an IP address within the same range and this address is not currently in use on your network. If your computer has a different IP address range, or the default address is currently in use, or you will have multiple Juice Boxes on the same network you will then have to modify the network settings.

Change Network Settings - To change the network configuration do the following:

- Connect your computer to the Juice Box via the RS232 interface using a standard serial cable.
- Start up the Hyper Terminal application with COM port settings of 9600-N-8-1.
- Hit the Enter key then type "ip status", (case insensitive), and press the Enter key again.
- The current Juice Box network configuration will be displayed.
- Type "ip config", press the Enter key, then follow the prompts to enter the IP Address, Subnet Mask, and Gateway.
- If you make a mistake press the BackSpace key and re-enter.

Factory Port Settings - The Juice Box comes from the factory with all Ports configured as the following:

- Load detection: IEEE 802.3af only
- Max Port Power: 15 watts

These settings will allow the Juice Box to power any IEEE 802.3af compatible device up to the full rated specification power limit. You can modify the port settings to detect legacy devices or limit the individual port power. To change the port settings please see the following section “Change Port Settings”.

Change Port Settings - To change the port settings do the following:

- Connect the Juice Box to a network switch that your computer has access to. The Juice Box network connector is the RJ45 jack on the right side of the chassis above the DB9 connector.
- Open your Web browser and type “<http://>” and the IP address of the Juice Box into the URL address box. Then press Enter. (The factory default IP address is 192.168.0.30.) You should now see the Juice Box Web Page.
- To change port settings do the following:
 - Click on the port you wish to change..
 - Select the detection method from the DETECTION pull down menu.
 - Select the maximum power from the MAX PORT POWER pull down menu.
 - Click on UPDATE SETTINGS.
 - Repeat as necessary for the other ports.

Device Connections – To provide power to a device do the following:

- Select an UNUSED port and connect a patch cord from the Ethernet switch to the Juice Box DATA input connector. (The DATA input connector is the lower one of the port pair).
- Connect the Ethernet line that goes to the device to be powered to the DATA + POWER output connector. (The DATA + POWER output connector is the upper one of the port pair).

LED Indicators

- PORT
 - Green – Providing Power
 - Flashing Green – Valid signature but below spec power consumption
 - Yellow – Fault
- LINK – Green when network connection is established.
- PWR – Green when Juice Box is powered.