

HP ProCurve Switch

2510-24

Quick Setup Guide for use with “HDMI over IP”

This is a quick setup guide for using this switch with the HDMI over IP solution.

HyperTerminal Settings are:

Baud Rate = 9600

Data Bits = 8

Parity = None

Stop Bits = 1

Flow Control = Xon/Xoff

From the command prompt of HyperTerminal:

If you do not see anything press the "Enter" button 3 times to initialize the command prompt.

Although not necessary if you need to access the setup screen type "Setup" and press "Enter" to configure the following items:

```
----- ProCurve Switch 2510B-24 1-Jan-1990 0:04:11 -----
----- CONSOLE - MANAGER MODE -----
                          Switch Setup

System Name : ProCurve Switch 2510B-24
System Contact :
Manager Password :
Logon Default : CLI
Community Name : public
Confirm Password :
Time Zone [0] : 0
Spanning Tree Enabled [No] : No

Default Gateway :
Time Sync Method [None] : TIMEP
TimeP Mode [Disabled] : Disabled

IP Config [DHCP/Bootp] : DHCP/Bootp
IP Address : 192.168.1.73
Subnet Mask : 255.255.255.0

Actions->  Cancel  Edit  Save  Help
Enter System Name - up to 25 characters.
Use arrow keys to change field selection, <Space> to toggle field choices,
and <Enter> to go to Actions.
```

To setup up the system for use with HDMI over IP do the following steps from the command prompt of HyperTerminal or Telnet once you've established a connection:

- 1) For each input device IE: Bell ExpressVu HD receiver you must setup a VLAN. VLAN is occupied already so every new VLAN must be greater than 1
 - a. Enter configuration mode type "Config" press "Enter"
 - b. Type "Vlan [Number] name [name of Vlan]" press "Enter"
 - i. Eg: "Vlan 2 name BellTV" press "Enter"
 1. Note: When using the Name command the name must not contain any spaces
 - c. Repeat this for every Source Input you have.

- 2) Once you have all your Vlans established you than have to assign what ports the Sources are plugged into. EG: BellTV might be plugged into port 13 so to assign port 13 to Vlan 2 (which is our BellTV Vlan)
 - a. If not already in the configuration mode enter the configuration mode type "Config" press "Enter"
 - b. Type "Vlan 2 untag 13" press "Enter"
 - c. To name port 13 BellTV type "int 13 name BellTV" press "Enter"
 - i. You have now name port 13 BellTV

- 3) Once you have assigned all the ports to their respective Vlans you can now start adding your TV's. This part is really basic just name the ports that your TV's are connected to. This part isn't necessary or used it's just easy to keep track of your TV locations. All you need is to remember what TV is connected to what port.
 - a. Type "int [port number] name [TV location name]" press "Enter"

- 4) The next stage is how to control everything.

Eg:

 - a. TV Locations:
 - i. Master Bedroom port 1
 - ii. Living Room port 2
 - b. Source locations:
 - i. BellTV port 13 on Vlan 2
 - ii. BluRay player on Vlan 3

 - c. If you want the Master Bedroom TV to watch the BellTV type or send the command via RS232 or telnet:
 - i. "Vlan BellTV untag 1" press "Enter"
 - ii. Or "Vlan 2 untag 1" press "Enter"
 1. Done The master bedroom is now watching BellTV

 - d. If you want the Living Room to watch BellTV type or send the command via RS232 or telnet:
 - i. "Vlan BluRay untag 2" press "Enter"
 - ii. Or "Vlan 2 untag 2" press "Enter"
 1. Done The Living Room is now watching BellTV

 - e. If you want the Master Bedroom to switch to watch the BluRay player type:
 - i. "Vlan BluRay untag 1" press "Enter"
 - ii. Or "Vlan 3 untag 2" press "Enter"

That's it if you have any more questions please don't hesitate to contact me and we'll be happy to help.