123 Manual, LP-288ai V2.0 TURBO OFDM Compact outdoor radio with throughput booster.
ENABLE OR DISABLE PWL MODE IN FIRMWARE V2.0.3B5P0T2E1

LP288aiV23B5_M123_ENF01W

123 Manual, LP-288ai V2.0 TURBO OFDM Compact Outdoor Radio With Throughput Booster. ENABLE OR DISABLE PWL MODE IN FIRMWARE V2.0.3B5P0T2E1

The firmware has the PWL mode activated by default. In order to be compatible with other firmware versions or equipment under 802.11a standard, you shall change the PWL operation mode which is described in the following document:

NOTE: By using the PWL *(Proprietary Wireless Link)* the processing characteristics and the transmission frames that will be sent through the radio link are changed. This is because when activating the PWL the **Small Packet Optimization** function is used, which segments the data flow into smaller frames allowing the increase of the transmission rate. The management of smaller frames requires transmitting and receiving devices compatible with such technology, therefore it is necessary to disable the PWL in case you need to interconnect the LP-288ai with any other device under IEEE 802.11a standard.

For the purpose of this document, the operating system used is Windows XP. In case you have another operating system, please refer to the help section about how to invoke TELNET command or you can use any third party software with that protocol.

1

Select **Start, Run,** type **cmd** command, and then click on **OK**, as shown in **Figure 1.**

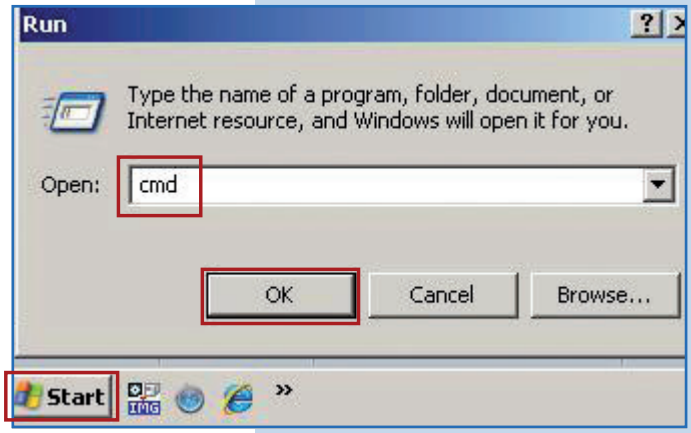

Figure 1

2

In the command window type **telnet** followed by the LP-288ai IP, as shown in **Figure 2.**

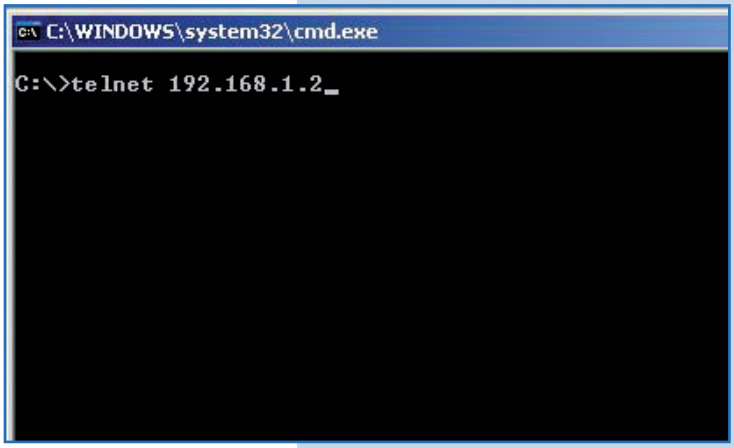

Figure 2

3

You will be asked to enter the user name, as shown in **Figure 3.** Type **admin** and press **enter.**

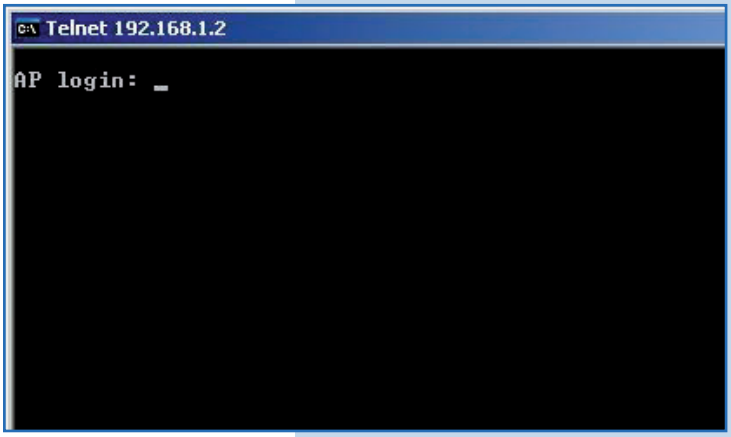

Figure 3

4

You will be asked to enter the password. Type **admin** and press **enter**, as shown in **Figure 4.**

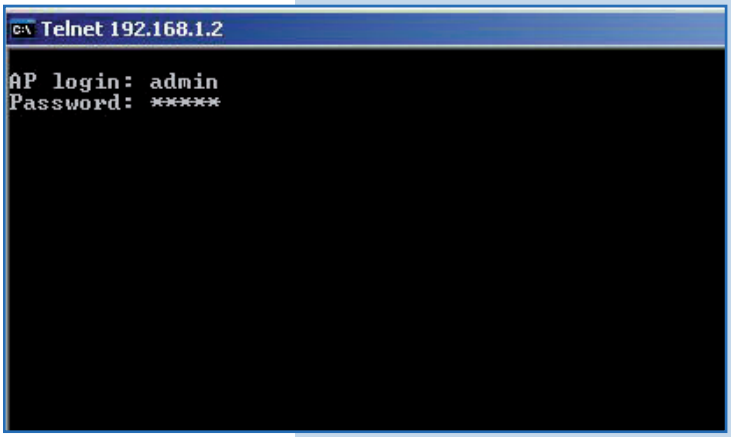

Figure 4

5

The welcome screen to the configuration via telnet will be displayed, as shown in **Figure 5.**

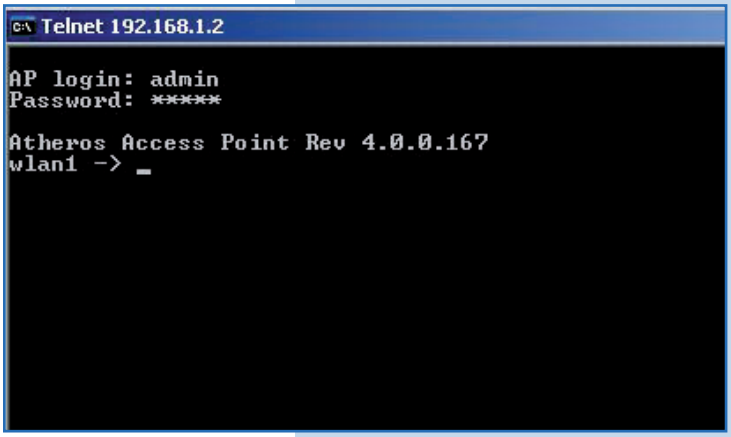

Figure 5

6

Enter **get pwl** command for PWL status query, as shown in **Figure 6** and press **enter.**

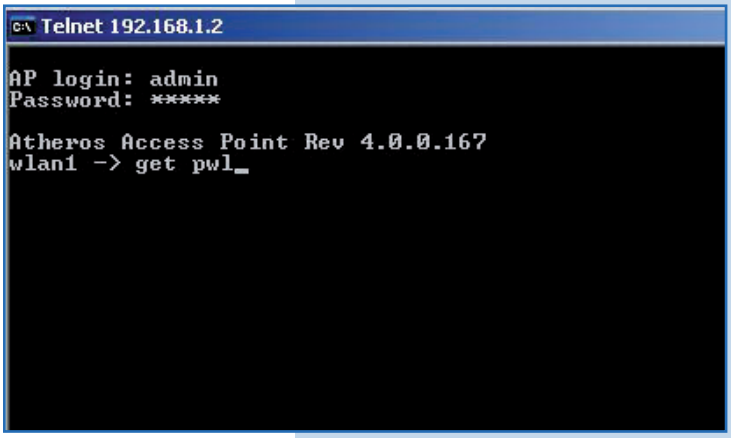

Figure 6

7

You may verify if PWL is enabled or not. In **Figure 7** it is enabled.

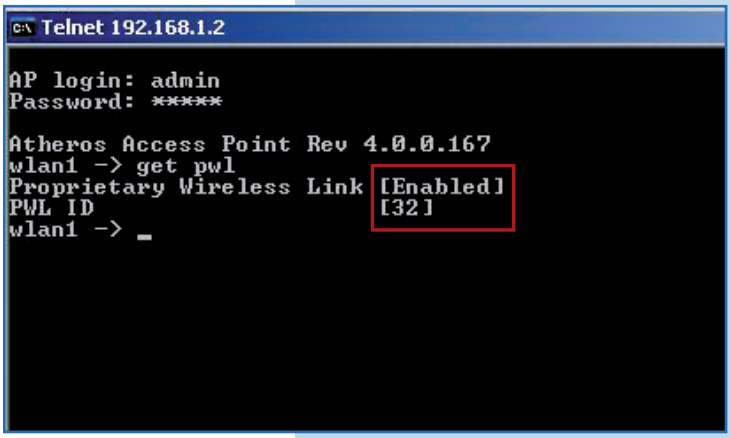

Figure 7

8

To disable PWL type **set pwl dis** command, as shown in **Figure 8** and press enter. In case you want to enable it you shall type **set pwl en** command.

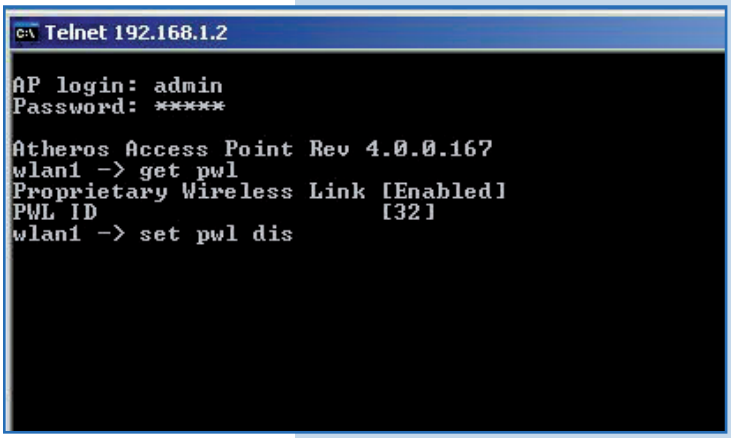

Figure 8

9

You will be notified that the PWL is disabled or enabled as the case may be, as shown in **Figure 9.**

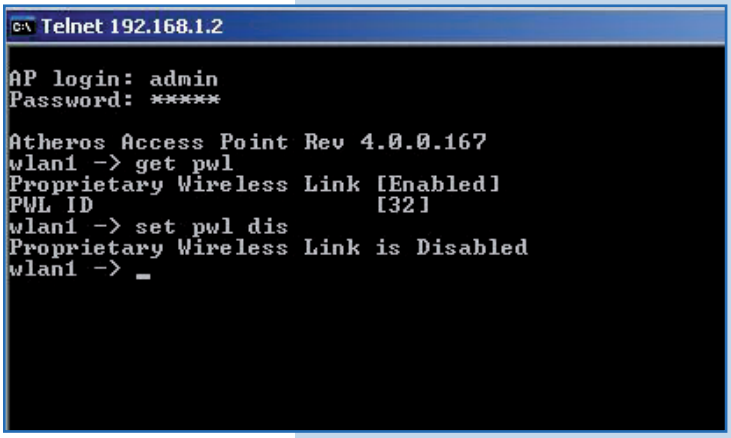

Figure 9

10

Type **re** command, as shown in **Figure 10** and press **enter.**

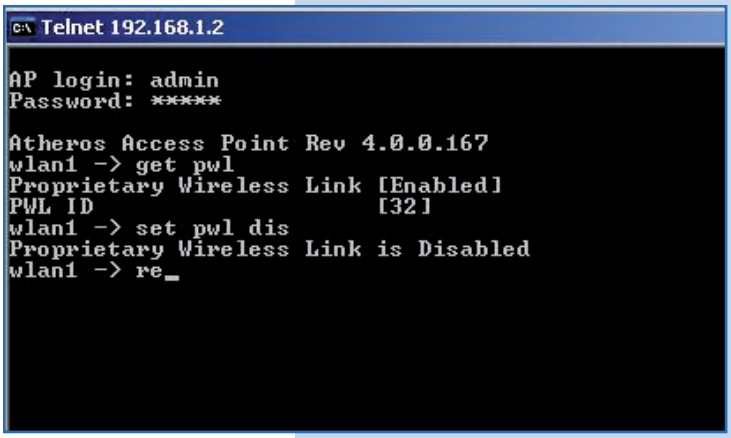

Figure 10

11

You will be asked if you want to confirm changes, as shown in **Figure 11.** Type **Y** and press **enter.**

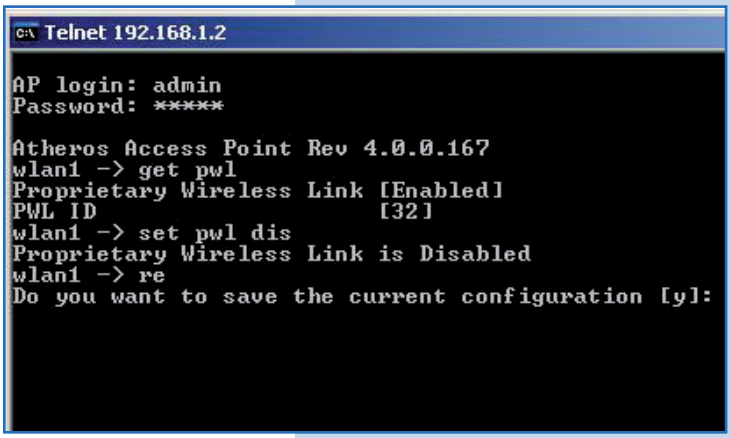

Figure 11

12

The equipment will save changes and reset, which finishes telnet session, as shown in **Figure 12.**

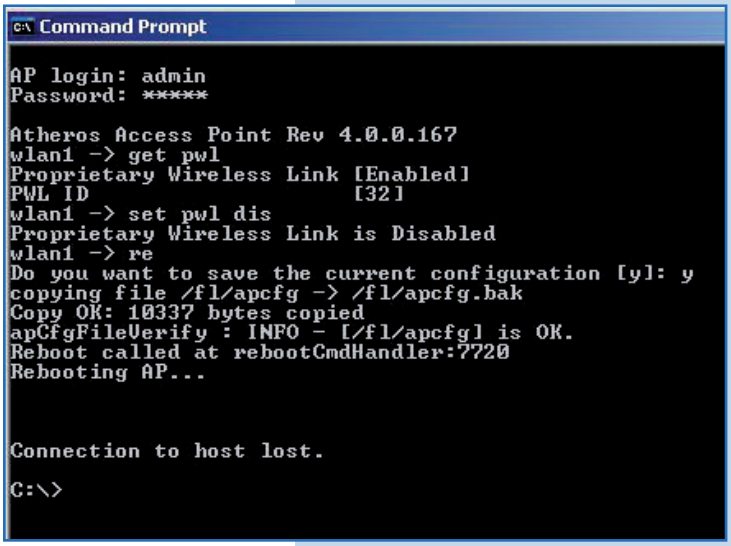

Figure 12

13

In **Figure 13** the procedure for enabling PWL is shown (in case you want to do it).

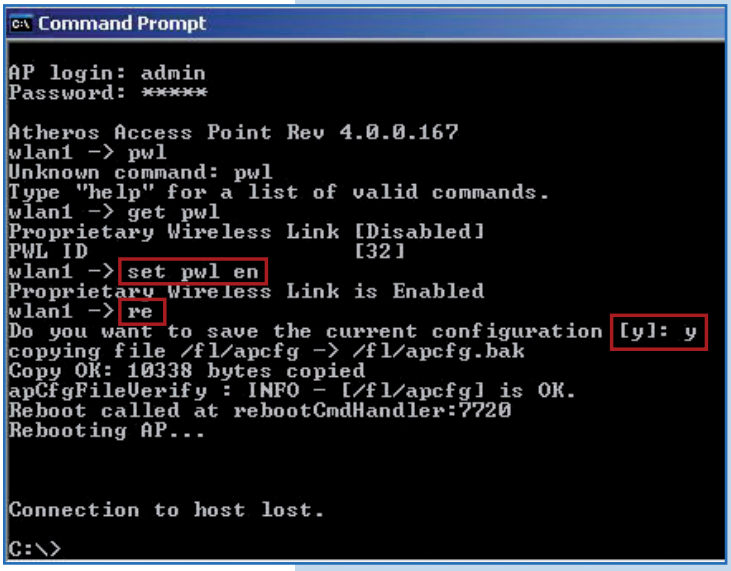

Figure 13