

**LP-1521 Broadband AP Router. 123 Manual  
Installation in AP Router mode, (without PoE).**

LP1521\_M123\_ENG02W

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123 Manual  
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1 Please check the package contents, please see Figure 1.



Figure 1

2 Screw the antenna as shown in figure 2.



Figure 2

3 Connect your PC to a LAN port of the LP-1521 as shown in figure 3.



Figure 3

4 Connect your ISP cable to the WAN port as shown in figure 4 (ISP: Internet Service Provider).



Figure 4

5 The LP-1521 can be powered in two different ways:

**A.- Via the Jack** placed at the right of the LAN4 port. We have provided with this kit a way to power the LP-1521 by using a 120 VAC to 12 VDC Power Converter included in the box and shown in figure 5.

**B.-Via active PoE:** you can use the LP-PoE150 injector and LP-PoE151 splitter made by Lanpro. This arrangement will let you put the LP-1521 as far as 100 m from the injector. You must set the splitter to 12 VDC and power the LP-1521 through the power Jack.



Figure 5

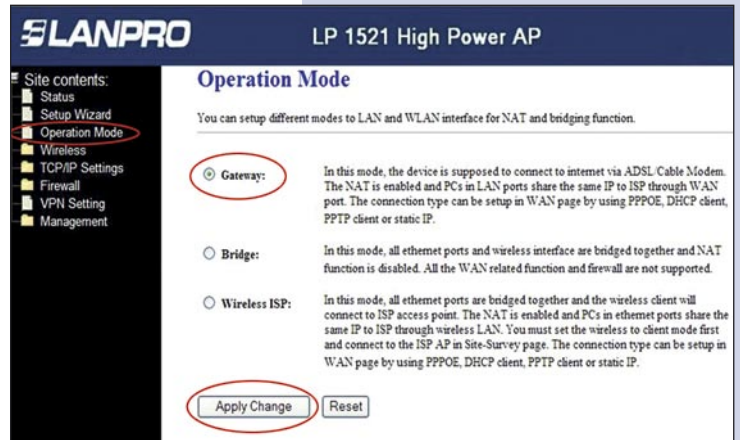
6 Open your preferred Browser application with the Router's default IP address 192.168.1.254 as shown in figure 6.



Figure 6

- 7 In the window shown in figure 7, select: **Operation Mode**, select: **Gateway**, finally select: **Apply Changes**.

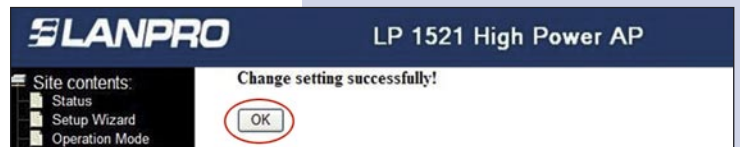
Figure 7



- 8 Once changes are applied, the window shown in figure 8 pops-up:

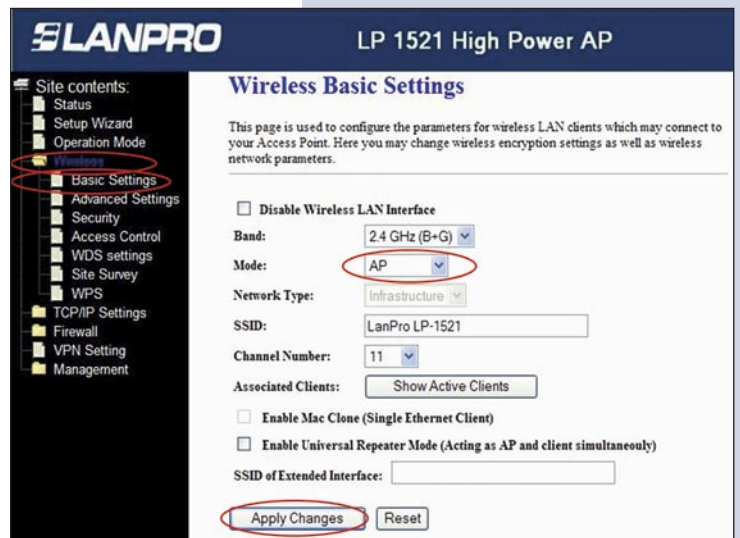
Please select: **OK**.

Figure 8



- 9 In the window shown in figure 9, select: **Wireless, Basic Settings**, in: **Mode**, select: **AP**, then, select: **Apply Changes**, the equipment will restart.

Figure 9



**10 Steps to follow for Router Mode set-up**

If you wish that your equipment delivers IP addresses to the clients that connect to it, please proceed in the window shown in figure 10 to select: **TCP/IP Settings, LAN interface** and in: **DHCP**, select: **Server** and then: **Apply Changes**. In the **AP** mode, please take in mind that if another equipment delivers also IP addresses, they shouldn't enter into conflict.

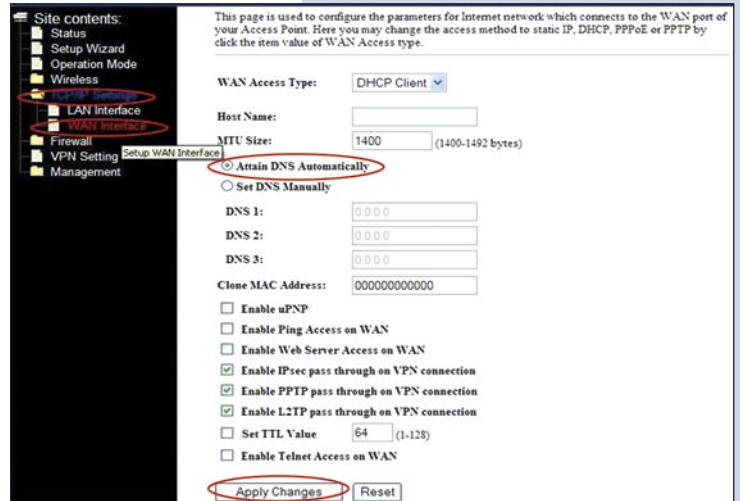
Figure 10



- 11 In the window shown in figure 11, please select: **TCP/IP Settings, WAN interface** and configure the properties of your service provider. The ISP's have a default setting as DHCP Client, hence there is no need for changing it.

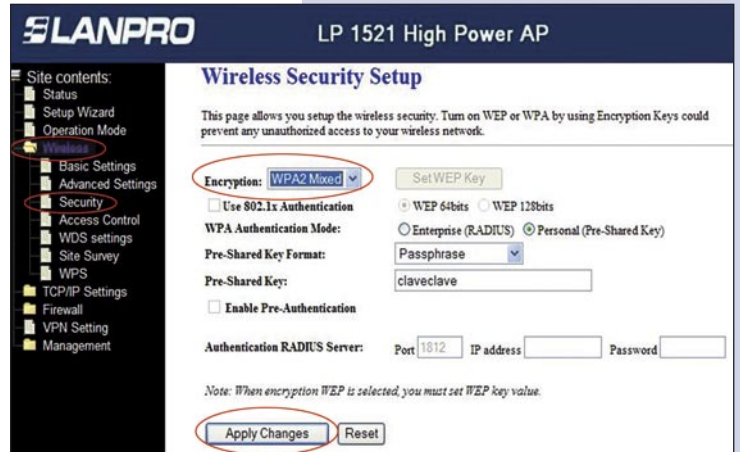
Please take in mind that the option: **Attain DNS Automatically** is selected.

Figure 11



- 12 You should now configure the wireless connection security. In order to do that, please select: **Wireless, Security** in the window shown in figure 12. In the **Encryption** mode we recommend you use: **WPA2 Mixed**. Please verify that the clients of this router support this mode. If not, choose another, like **WPA(TKIP)** and proceed to input in: **Pre-Shared Key** the key for that network which should be at least of 8 characters in length. Finally, select: **Apply changes** and the equipment will be restarted.

Figure 12



**Important advice (optional).**

- 13 Please change the administrator password of your equipment. In figure 13, select: **Management**, then: **Password**, input the user name: **admin**, input a new key in: **New Password** and repeat it in: **Confirmed Password**, select: **Apply changes**, please remember these username and password as the equipment will ask for them from now on.

Figure 13

