## 123 Manual, LP-1522 Broadband Wireless AP/Router Client Mode Installation.

LP1522\_M123\_END02W



# 123 Manual, LP-1522 Broadband Wireless AP/Router Client Mode Installation.

Please check box contents, please see figure 1.



Please screw the antenna to the antenna connector as shown in figure 2. If the antenna uses a pigtail cable, please verify that the antenna is correctly connected to the other end to avoid damaging the RF output stage of the equipment when turned on.





Figure 2-1

Figure 2-2

3

4

Connect your PC or Switch to the LAN port of your LP-1522, as shown in figure 3-1. In case you want to power it through the PoE option, please connect the UTP cable to your LP-PoE150 injector Power + Data port as shown in figure 3-2, please remember that the cable length recommended maximum is 60m. Then connect an UTP cable from the Data In port of your LP-PoE150 to your PC or Switch as shown in figure 3-3.



Figure 3-1



Figure 3-2



Figure 3-3

Connect the DC electric power plug to the power Jack as shown in figure 4-1, remember that the alternate way to power the LP-1522 is through the UTP port with PoE technology by using a LP-PoE150 injector(Not included). If used, please connect the LP-PoE150 to the mains as shown in figure 4-2.



Figure 4-1



Figure 4-2

6

7

Go to the Local Area Connection Properties window of your network card (shown in figure 5) and select: **Internet Protocol,** then: **Properties**.

	4	
Connect using		
Intel(R) PRO	/1000 MT Mobile Conne	Configure
his connection us	es the following items:	
3" NWLink N	letBIOS	~
ST NWLink I	PX/SPX/NetBIOS Compati	ible Transport Prot
M Tintemet P	rotocol (TCP/IP)	
and the second	and a second	×
¢)		>
Instal	Uninstall	Properties
Description		
Transmission Co wide area netwo across diverse in	ntrol Protocol/Internet Prot rk protocol that provides c sterconnected networks.	ocol. The default ommunication
Show icon in no	tilication area when conne	ected
Notify me when	this connection has limited	or no connectivity
THE REPORT OF THE PLACE		

Figure 5

In the window shown in figure 6, please select: **Use the following IP address** and then input an **IP** address in the range of IP addresses by default of the LP-1522. In this example we have selected the following address: **192.168.1.201.** The default address of the LP-1522 is: **192.168.1.254.** Input now in : **Subnet Mask: 255.255.255.0 In: Default Gateway**, input the destination Router address, in: DNS, input the DNS address of your ISP or the destination router address that supplies the Internet Service, this is for any queries that need to be sent to the destination router, please see the diagram shown in figure 6

Once the selection is finished, please select:  $\ensuremath{\mathsf{Ok}}$  , then,  $\ensuremath{\mathsf{OK}}$  again and then :  $\ensuremath{\mathsf{Close}}$ 

Figure 6



It is important to mention that in this configuration of the LP-1522 it will become a client of the destination network. We suggest the following drawing in figure 7 as a guide.



Figure 7

In this diagram, the destination network is the yellow colored one. In it, there exists a router that provides the Internet connection and has been enabled to deliver IP addresses in the segment: 192.168.1.x, with the rest as reserve. This router will only deliver IP addresses from 100 to 200 and the Internet service. The blue colored network is the segment assigned to your LP-1522 in which it has a default address of 192.168.1.254.

#### 9

In figure 8, please open your selected browser and input the default address: 192.168.1.254



#### Figure 8

#### 10

In the window shown in figure 9, please select: **Wireless**, **Basic Settings**, in: **Mode**, select: **Client**, then select: **Apply Changes**, the equipment will re-initialize:



Figure 9

11

In the window shown in figure 10, you will configure the wireless connection security setting if the router has it as enabled. Please remember that in this configuration, the LP-1522 behaves as a client of the destination router. Configure the security as if it were another client of this network. Please take in mind that the **WPA Mixed** security mode is not supported in the Client Mode.

Select: **Wireless, Security**, and in mode: **Encryption**, use the corresponding ne and the input the password. The select: **Apply Changes.** 

SLANPRO		LP-1522 High PowerAP.	WWW.Astronomicow
Site contents:     Site y Watel     Operation Mode	Wireless Security	Setup views security. Turn on WEP or WPA by using functions Keys involute using views and	
Basic Settings     Advanced Settings     Seturate     Access Control     Mole Settings     Set Survey     Mole     TOTMP Settings     Ferent     Ferent	Encryption: 1099A2	See HEEF Kar (     WBP LIBes     WBP LIBes     Okacoba (Auto Auto)     TELP (ALE)     TELP	
	Anthentication RADIUS Server:	Post 1112 Patternal	
	Not: Flas exception F27 2 or Apply Changes Res	linimal you martant FEP bay value at	

## 12

In the figure 11, the window showing that the changes were made, select: **Ok**, once done, the equipment reboots.

Figure 10



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ule II

Now we proceed to connect to that network. In order to do this, in the window of figure 12 select: **Wireless, Site Survey** and select the network you wish to **connect** to, then select: Connect. If the network doesn't appear, select: **Refresh** in order to be able to see it.





### 14

Once connected, a message will pop-up shown in figure 13.

SLANPRO	3)	LP-1522 High Power AP.	WWWLAN-PRODUCTS.COM
Site contents:	Connect successfully	đ	
Status     Setup Wizard     Operation Mode	OK		
Figure 13			

## 15

Once the configuration has been done, the LP-1522 will connect automatically even though you disconnect it and connect it again.

## 16

#### **Important Recommendation (Optional)**

As shown in figure 14, proceed to change the administrative password of your equipment. In order to do this, please select: **Management**, then: **Password**, input the user name: **admin** then the **new password** in: New Pasword and again in **Confirmed Passwword**. Then select: **Apply changes**. These data should be input again in order to have access to the equipment.

Figure 14

SLANPRO	LP-1522 High Power AP.	WWW.AN PRODUCTLUDW
Site conference Satep Wared Dependent Made Weinker Mit Coller Settings Dependent Dependent Dependent Dependent Watticky Dependent Statistics Dependent Watticky Dependent Satering Dependent Depende	Password Setup This page is used to set the access the sets server of Access Pearl Empty uses mass and password will disable the presentes. User Name New Passwork	
	Confirmed Personal Apply Changes Reset	