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

LP1521_M123_ENE02W



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Please check the package contents, please see Figure 1.



Figure 1



Figure 2



Figure 3



Figure 4

Screw the antenna as shown in figure 2.

3

4

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

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

C.- 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 4.

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.

Go to the properties of your NIC card and select: **Internet Protocol**, then select: **Properties** as shown in figure 5.

	General Advanced	9			
	Connect using:				
	Intel(R) PRO	/1000 MT Mobile Conne	Configure		
	This connection us	es the following items:			
	ST NWLink N	letBIOS	~		
	ST NWLink I	PX/SPX/NetBIOS Compatib	le Transport Prot		
	M Thtemet P	rotocol (TCP/IP)			
	<	int,	>		
	Install	Uninstall	Properties		
Figure 5	Description				
	Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.				
	Show icon in notification area when connected				
	Show icon in no	tification area when connec	ted		
	Show icon in no	otification area when connec this connection has limited o	ted or no connectivity		

Select your IP address, putting it in the range of the default IP for the LP-1521. In this example we have selected address: 192.168.1.201, the LP-1521 has a default address of 192.168.1.254, place in: **Subnet mask** 255.255.255.0 as shown in figure 6 and in the: **Default Gateway** the destination router address. In: **DNS** you must place your ISP's DNS address or the IP address of the destination router that provides the Internet service, that is so because any queries should be directed to the destination router, please see the diagram in figure 7.

Once finished, please select: **OK** and then: **Close**. It is important to mention that in this configuration of the LP-1521, it will be a client of the destination network, please follow the diagram shown in figure 7:

In this diagram, the destination network is yellow colored. In it, you see a router providing the internet service delivering addresses in the segment 192.168.1.x, with rest of addresses of the scope reserved, this router will deliver addresses limited to the range from 100 to 2000, and provides the Internet connection. The blue segment of the network of your LP-1521 is where it has it's default address: 192.168.1.254.

Local Area Connection Properties	Internet Protocol (ICP/IP) P	roperties		
eneral Advanced	General			
Connect using:	You can get IP settings assigned	automatically if your network supports		
Intel(R) PR0/1000 MT Mobile Conne	this capability. Unterwise, you need to ask your network administrator for the appropriate IP settings.			
This connection uses the following items:				
ST NWLink NetBIOS	() Use the following IP addres	ж —		
*** NWLink IPX/SPX/NetBIOS Compatible Transpo *** Internet Protocol (TCP/IP)	IP address:	192.168.1.201		
	Subnet mask: Default gateway:	255 . 255 . 255 . 0 192 . 168 . 1 . 1		
Install Uninstall Prop				
Description	 Obtain DNS server address 	automatically		
Transmission Control Protocol/Internet Protocol. The d	OUse the following DNS serv	ver addresses:		
across diverse interconnected networks.	Preferred DNS server:	192.168.1.1		
Show icon in notification area when connected	Alternate DNS server:			
Notify me when this connection has limited or no connection		Advanced		
OK				
		UN Cancer		

Figure 6



- Open the browser of your selection and search for the default address: 192.168.1.254 as shown in figure 8.
- WLAN Broadband Router Windows Internet Explorer

 Key Solution

 Key So
- In the window shown in figure 9, plese select option: TCP/IP Settings, LAN Interface and in: DHCP select: Disabled then select: Apply changes.



Figure 9

Select: **Wireless**, in the window that pops up, shown in figure 10, please select: **Basic Settings**, in **Mode** select: **Client**, then select: **Apply Changes**, the equipment will reset.

Figure 10



Now you will configure the Security of the wireless connection in case the destination router security is enabled.

Please always remember that in this configuration, the LP-1521 behaves as a Client of the destination router. Configure the security as another client in this network. Please take in mind that the WPA2 Mixed security mode is not supported in Client mode.

In the window shown in figure 11, select: **Wireless**, **Security**, mode: **Encryption**. Use the one that suits your application and input a password. Once done, please select: **Apply Changes**.



Figure 11



We now prodeed to connect to that network. In

order to do this, please look at figure 12 and select:

Wireless, Site Survey and select the network you

wish to connect to by selecting: Connect. If the

network doesn't appear, select: Refresh until you see

The equipment will re-initialize.

12

13

it appear.

Figure 12

Change setting successfully!

LP 1521 High Power AP

Site contents: tup Wizard ation Mo

SLANPRO

SLANPRO LP 1521 High Power AP Wireless Site Survey contents This page provides tool to scan the wireless network. If any Access Point or IBSS is found, you could choose to connect it manually when client mode is enabled. tion Mode 00:14:78:c6:e3:26 LANPRO

OK

Refresh Connect

Figure 13

Once connectet,	the	message	shown	in	figure 1	4 wi	I
pop-up:							

Once this configuration has been done, the LP-1521 will connect again in automatic mode, even though the link becomes disconnected and connected again.



14 Important recommendation (optional):

> Proceed to change the administration password of your equipment, as shown in figure 15. In order to proceed, please select: Management, then: Password, input the user name: admin, input again the same password in: New Password and: Confirmed Password, select: Apply changes, please don't forget these data in order to be able to access the system again.

SLANPRO	LP 1521 High Power AP
Site contents: Status Status Setup Wizard Operation Mode Wrireless Firewall Statistics DONS Time Zone Setting Denial of Service Log Upgrade Firmware SaverReload Setting Password Market Market Statistics	Password Setup This page is used to set the account to access the web server of Access Point. Empty user name and password will disable the protection. User Name: New Password: Confirmed Password: Apply Changes Reset
QoS	

Figure 15