LP-348 123 Manual in Client Mode.

LP348_M123_ENB01W



LP-348 123 Manual in Client Mode.

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The following Instruction Manual will guide you on how to configure the LP-348 in Client Mode.

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Once the Setup 123 Manual has been executed, proceed to configure it by first connecting the UTP cable that comes from the LP-348 to the To **Odu** port of the PoE Injector furnished with the radio as shown in figure 1.



Figure 1



Connect an UTP cable from the **To Ethernet** port of the PoE injector to the Switch or PC as shown in figure 2.



Figure 2

3

Connect electric power to the PoE injector as shown in figure 3.



Figure 3



Please go to your network card properties window and select: **Internet Protocol**, then select: **Properties**, as shown in figure 4.

eneral Advanced		
Connect using:		
Intel(R) PR0/	1000 MT Mobile Conne	Configure
This connection use	s the following items:	
S NWLink Ne	HBIOS	
ST NWLink IP	K/SPX/NetBIOS Comp	atible Transport Prot
Internet Pro	tocol (TCP/IP)	
	1.1.4	
<		>
Instal	Uninstal	Properties
Description		
wide area network	trol Protocol/Internet Protocol Internet Protocol that provides erconnected networks.	communication
Show icon in noti	fication area when con	nected
Noblu me when ti		ou of the contributing.
Notity me when the		

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In the window shown in figure 5, select: **Use the following IP address** and input an IP address in the range of IP set by default of the LP-348. In this example, we have selected address: 192.168.1.201, the LP-348 has a default address of 192.168.1.1, input 255,255,255,0 in: **Subnet Mask**, in: **Default gateway** input the destination router address, in: **Preferred DNS Server** you must input the **DNS** address of your service provider or the IP address of your destination router, the one that provides the Internet Service, this is will route any corresponding queries to the router of the destination network.

Local Area Connection Properties	Internet Protocol (TCP/IP) P	roperties 🛛 🛛 🖸
General Advanced	General	
Connect using Intel(R) PRO/1000 MT Mobile Conne Con	this capability. Otherwise, you need	automatically if your network supports ed to ask your network administrator for
This connection uses the following items:	O Obtain an IP address autom	atically
W" NWLink NetBIOS W" NWLink IPK/SPX/NetBIOS Compatible Transp W" Internet Photocol (TCP/IP)	Use the following IP address IP address:	192.168 1 .201
	Subnet mask: Default gateway:	255.255.255.0 192.168.1.1
Instat. Unestal Prog Description Transmission Control Photocol/Internet Photocol. The o	O Obtain DNS server address O Use the following DNS server	
wide area network protocol that provides communicati across diverse interconnected networks.	Preferred DNS server: Alternate DNS server:	192.168.1.1
Notify the when this connection has imited or no con		Advanced.
		OK Cancel



7



Please open your preferred browser and input the default address: 192.168.1.1, please see figure 6.

Certificate Error: Navigation	Blacked - Windows Internet Explorer	
() (192.168.1.1	1	4
	Figure 6	

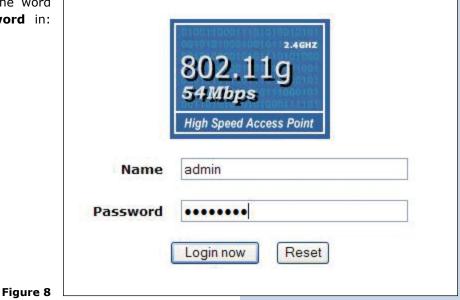
In the certificate validation window shown in figure 7, please accept by selecting: **Continue to this website** (not recommended).

Centifical	e Error: Navigation Blocked - Windows Inter	net Explorer	
00	e 192.168.1.1/		- fr X (b) in
Farmentes	Centificate Error: Navigation Blocked		8 · 0 · 2
8	There is a problem with this websi	te's security certificate	
	The security certificate presented by this we The security certificate presented by this we		
	Security certificate problems may indicate an server.	attempt to fool you or inte	rcept any data you sand to the
	We recommend that you close this webp	age and do not continue	to this website.
	Clot here to doze this webpage.		
<	Continue to this website (not recommen	dedi	
	More information		
	DDD		

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In the window shown in figure 8, input the word admin in: Name and the word: password in: Password and then select: Login now.



Then, as shown in figure 9, please proceed to change the IP address of the equipment. In this example, the LP-348 will connect as a Client of another LP-348 whose IP address is: 192.168.1.1 and which has more than one VAP already configured. For changing the IP address, proceed to select: **IP Settings** in the menu: **System Setup**, then change the IP address and select: **Apply**. The equipment will reboot and you will have to access it again through the new IP address.

 802.11g	WAN / LAN Settings
541Mitopa High Spired Access Paint (= Logour)	Configure AP as a O Ibridge with Static IP
Status	Spartning Tree O Enable O Disable
a information	VL446902.10) C Exable Disable
a Connections	Masagement VLANIC
» Statistics	IP Address 192.168.1.2
System Setup	# Tutnet Mast 255 255 0
Besic Settings	Default Gateway 0.0.00
#IP Settings	Primary DNIS Server 0.000
RADIUS Settings	Secondary Of IS Server 0.0.00
# HTTP Redicect	
# Firewall Settings	Apply Cancel Refresh
Virtual Server	

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9

In the window shown in figure 10, please proceed to select: **Basic Settings** in the menu: **Wireless Setup**. In: **Operation Mode** select: **Station Adapter** and the select: **Apply**.

Status a Convectors a Status a Status a Status	Wireless LAN Settings Operating Node SEC Unive 89300 Weekes Node Charack (Property) Data Role Output Prever	Woolcos Woolcos Reserver Manarol generative Traje estative Dest
System Setup	Station Mode Flow Control	
a Basic Settings	Uptick Speed Land (5-1687)	1617 + 548205 + 105.41/548005
RADIUS Settings		and the second
#HTTP Redirect		Apply Cancel
a firewalt Settings		
VirDadi Server		

Figure 10

11

In the window shown in figure 11, in the menu: **Tools**, proceed to select: **Site Survey**, locate the network you wish to connect to, then select it and click on: **Select**.

System Setup Dank Settings	* si	te Si	irvey		_				
a IP Sellings	100	0.000	al const						
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a Advanced Satlings									
loois									
s Sile Sofrey a Link Test									

Figure 11

12

In figure 12, the network will appear highlighted in yellow color indicating that it was selected.

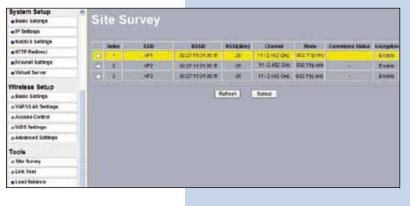


Figure 12

13

In the window shown in figure 13, you will configure the security, this will depend on the already established security in the **AP** against which it will connect. In this example it is WEP, in the menu: **Wireless Setup**, select: **VAP-VLAN Settings**, select: **sta_profile** and then select: **Edit**.

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	and the second second		Profile Name	110	locarty	Exalte
[= Lopeut]			W_Ponst	MPH	Stunden av	
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a Connections		4	4P_Protest	WVENER .	Open Statem	
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		1	W_Protes	Www.	Coxe Bratem	
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a Baoc Samiga		14	14 June	Vitratesc	Open System	
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BACKUS Sortings			mits_predus			- C
#HTTP Redirect	-		interbalid profile			
a firewall Settings	-			Ex		
Natual Server						
Vireicas Setup	VEAH (000					
- Lanc Settings	2450			-		
A VARIVEAU SHERES						



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In this example, we will generate the same keys of the **AP** and will establish the same ways of authentication and encryption. In order to do this, in figure 14, in mode of authentication with: **Shared Key**, in: **Data encryption** we will select: **64 bits WEP**, then we must input in **Passphrase**: the same used in the **AP**, then we will select: **Generate Keys**, in this way we will generate the same keys in the Client LP-348, then we will select: **Key 1**, which is the active one in the **AP**, then we will select: **Apply**.

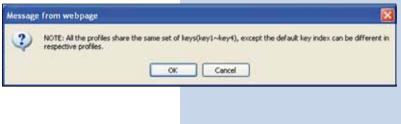
802.11g	Secu		ile for Stati	on Adapte	er Configuration
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a formation a formation a formation and a form	lay trib lay 2 O	1122414783 1118862347 5419041923 5619041923	Generate Keye)	
Easic Setturn	1923031	1371213013 HE Security Kapavarları		Evens Decisi ply Cancel	,

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In this case, a new message will be prompted, (See figure 15), with the information, that will indicate you the keys that apply for all the security profiles, then select: **OK**.



Figure 14



16

Please wait for about 30 seconds and verify the equipment connectivity, in order to do this:

Figure 16 a

a Send a **PING** to the destination **AP**, (Please see figure 16a).

17

System Setup

Basic Settings
 IP Settings
 RADIUS Settings

HTTP Redirect

Virtual Server
 Load Balance

Firewall Settings

Wireless Setup

» Basic Settings » VAP/VLAN Settings » Access Control » WDS Settings » Advanced Settings

Tools a Site Survey a Link Test Management a Change Password

b Enter in the **AP** and verify option: **Connections** that the LP-348 client is connected. Please see figure 16b.



In the window shown in figure 17, proceed to change the administration password of the equipment. Even though it is not mandatory, we highly recommend that you change the administration password of your equipment, we must remind you to store it in a safe place to which you can have access in the event that you forget it. If you lose it, you must reset the equipment to factory values and lose any setup you have made. Please use for this the 123 manual on how to reset to factory values, document: **LP348_M123_ENC01W**.

In order to change the password, please select option: **Change Password**, located in the menu: **Management** as shown in the figure 17.

Change Password

Restore Default Password O Yes O No

Apply Cancel

Current Password

Repeat New Password

New Password

System Setup	Change Bacquerd	
Basic Settings	Change Password	
IP Settings		
RADIUS Settings	Current Password	
HTTP Redirect	and a second sec	
EFirewall Settings	New Password	
Wirtual Server	Repeat New Password	
Load Balance	Restore Default Password O yes O tio	
Wireless Setup	Apply Cancel	
a Basic Settings	- separate	
» VAP/VLAN Settings		
» Access Control		
a WDS Settings		
a Advanced Settings		
Tools		
in Site Survey		
» Link Test		
Management		
Change Password		



In the window shown in figure 18, input in: **Current Password** the old password, in: **New Password**, the new password you want to use, in the field: **Repeat New Password**, do as indicated and the select: **Apply**.