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Date - 5th May 2010

Article applies to - WL50 (MK2) and WL400 Wifi Adaptor

ISSUE: Installing a WL50 (MK2) or WL400 on Mac OS X 10.6 (Snow Leopard)

To install the Realtek RTL8187L drivers and Wifi Utility on a Mac with OS X 10.6 or higher, it is necessary to install the OS X 10.5 package supplied with the WL400. To install the drivers simply double click on the "install.pkg" file and follow the instructions displayed on the screen.

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			Q	
 DEVICES Macintosh HD NO NAME iDisk PLACES Desktop paulsumpner Applications Documents Movies Music Pictures SEARCH FOR Today Yesterday Past Week All Images All Movies All Movies All Movies All Documents 	CAD Drawings Digital Yacht DY Artword Graphics MacOS1015_UI1.5.7 Personal (F) qcad-2.2ersal.tar.gz	 install.pkg realtek USll.comma Release_87.txt Utility_release.txt 	nd Name install.pkg Kind installer pac Size 705 KB on d Created 04/01/2010 Modified 04/01/2010 Last opened Today 08:02 More info	lisk 0 18:13 0 18:13
	1 of	4 selected, 48.74 GB available	10 ⁴⁴ 1	1

During the installation process you will see the window shown below which pops up to say that the driver file has not installed properly. Press OK and the installer will finish successfully and you must then restart the computer.

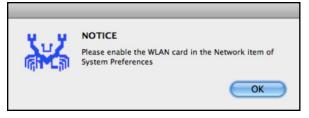


These drivers actually work perfectly on OS X 10.6, but the installer sets the wrong owner/permissions for the RTL8187I.kext file (driver) and it is necessary to follow the step by step guide below;

- 1) Locate the incorrectly installed file RTL8187L.kext file which should be found in the "/System/Library/Extensions" folder and place it in the Trash
- Run the application "Kext Helper b7", which is on the Digital Yacht Software CD, then click and drag the RTL8187L.kext file (on the CD) into the white box on the Kext Helper window

	kext	Path
	RTL81871.kext	/Users/paulsumpner/Desktop/RTL8187I.kext
TL8187l.kext	Clear All Remov	e selected EASY INSTALL
	Password: ••••••	Advanced

- 3) Enter your admin password and click the "EASY INSTALL" button, the Kext Helper program should then successfully install the RTL8187L.kext driver file and ask you to reboot
- 4) After you have rebooted, plug in the WL400.You should see the following window pop-up
- Click "OK" and go to Network in the System Preferences



6) If you see the window shown below click the apply button and skip to step 9

000	Network		
Show All		Q	
Loc	ation: Automatic	\$	
 AirPort Connected Ethernet Not Connected FireWire Not Connected Ethernor (en3) Not Connected Ethernor (en3) Not Connected Mat Connected Mat Connected 	Status: Configure IPv4: IP Address: Subnet Mask: Router: DNS Server: Search Domains:	Unknown State The status of your network connec cannot be determined. Using DHCP	tion
+ - 0-		Adva	nced) (?)
Click the lock to prevent	further changes.	Assist me Revert	Apply

- 7) If the window is not exactly as shown below and the RTL8187L Wireless adaptor is not shown in the left hand list of available network devices, then you will have to manually select it
- 8) Click on the Lock, enter your admin password again and then click on the + sign to add a new network device. Select the RTL8187L from the drop down list of adaptors and click "Create".

00		Network	
Show Al			٩
		ace and enter a name for the new serv	ce.
Ethernet Not Connected	Interface Service Name	 ✓ AirPort FireWire RTL8187 Wireless 	-
• FireWire Not Connected		Ethernet Bluetooth DUN	ot plugged is not
e AirPort	•	VPN PPPoE 6 to 4	•
		Subnet Mask: Router: DNS Server: Search Domains:	
+ - 0-			Advanced)
	to prevent further c	hanges. Assist me)	Revert Apply

- 9) You may wish to setup a new location called "On the Boat" or "WL400" which you select when you want to use the WL400. Set the network preferences for this location so that Airport is turned off and the RTL8187L Wireless Adaptor is the preferred connection.
- 10) To connect to a Wireless Network now, you will need to use the Realtek Wifi Client Utility – blue Crab like symbol in the dock.
 When you run this utlity, you can click on the Available Network tab and select which Wifi Hotspot you wish to connect to

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	Digital Yacht	3	Infrastructure	WPA-PSK TKIP	
-	lelibelli	6	Infrastructure	WPA-PSK TKIP	
-	THomeHub-4CCD	11	Infrastructure	WEP	001d68023
~	onnici	11	Infrastructure	WPA(2)-PSK	1caff7173390
-	Tresidder	11	Infrastructure	WEP	001b2f7a23aa
-	KY55843	11	Infrastructure	WPA-PSK TKIP	
	aylornet	6	Infrastructure		
-	KY99664	6	Infrastructure		
-	ourhouse Dete1wireless1796	1	Infrastructure	WPA2-PSK AES WPA(2)-PSK	
P	eterwirelessi790	1	innastructure	WFA(2)-F3K	002402941

11) If it is an encrypted connection, you will then be asked to enter the passkey. Once connected, you will see the window shown below.

		Realtek WLAN Clie	nt Utility		
Link Status	Profiles	Available Network	Advanced Setting	Information	
MAC Address :	00e04c0	397a3			
SSID :	Digital Yacht				
BSSID :	0030bd9d8435				
Security :	WPA-PSK TKIP				
Connection :	Connected				
Network Type :	Infrastructure				
Channel :	3				
Signal Strength:			(96% Turn Radio Of	

12) If you wish to save the connection details so that the WL500 automatically connects without asking for the passkey each time, click on the "Available Network" tab and then click the "Add to Profile" button.