Technical Support Article

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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.

000	🚞 Mac	OS10.5_D	river1315_UI1.5.7			Э
			Q)
 DEVICES Macintosh HD NO NAME IDisk PLACES Desktop paulsumpner Applications Documents Movies Music Pictures SEARCH FOR Today Yesterday Past Week All Movies All Movies 	 CAD Drawings Digital Yacht DY Artword Graphics MacOS1015_UI1.5.7 Personal qcad-2.2ersal.tar.gz 		nstall.pkg ealtek USII.command telease_87.txt Itility_release.txt		▼ Preview: Name install.pkg Kind Installer package Size 705 KB on disk Created 04/01/2010 18:13 Modified 04/01/2010 18:13 Last opened Today 08:02 More info	
	1 of -	selected. 4	18.74 GB available	10		1
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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
	RTL8187I.kext	/Users/paulsumpner/Desktop/RTL8187I.kext
ITL8187l.kext	Clear All Remo	ve selected EASY INSTALL
	(and An) (Action	

- 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
- 5) 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		٩
	Location: Automatic	:
AirPort Connected Ethernet Not Connected	Status:	Unknown State The status of your network connection cannot be determined.
FireWire Not Connected Ethernor (en3) Not Connected RTL81Wireless No IP Address	Configure IPv4: IP Address: Subnet Mask: Router: DNS Server: Search Domains:	Using DHCP 🛟
+ - &-	prevent further changes.	(Advanced) (?) 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".

Show All Show All Q Ethernet Select the interface and enter a name for the new service. Interface AirPort FireWire Service Name RTL8187_Wireless t plugged Not Connected Ethernet Bluetooth DUN is not VPN PPPoE 6 to 4 0 to the the to
 Select the interface and enter a name for the new service. Interface ✓ AirPort FireWire FireWire Service Name RTL8187_Wireless Ethernet Bluetooth DUN AirPort Off VPN PPPoE 6 to 4
Subnet Mask: Router: DNS Server:

- 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 utility, you can click on the Available Network tab and select which Wifi Hotspot you wish to connect to

0.120
0030
)23
3390
a23aa
a0
ccbc4
82
25f
94f

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 Client 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 Off	

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.