



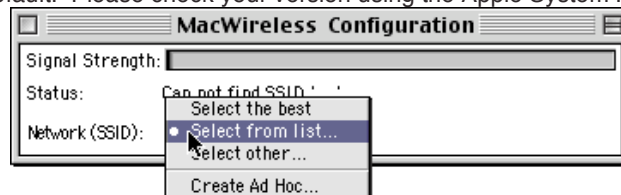
MACINTOSH INSTALLATION INSTRUCTIONS FOR MacWireless 11b USB Adapter

OS 9 Installation

The MacWireless USB Adapter requires Mac OS 9.04 to 9.2.2.

1. Download the software from MacWireless.com: <http://www.macwireless.com/html/support/software.html> (it is also in the enclosed CD).
2. Double-click the Installer. Restart when prompted.
3. Connect the MacWireless USB Adapter to the USB port on your computer.

Note: The MacWireless 11b USB Adapter requires USB version 1.4.2 or higher. While this is available with OS 9.0.4 and later, it is not necessarily installed by default. Please check your version using the Apple System Profiler, found in the Apple Menu.



OS 9 Configuration

1. Open the MacWireless USB Control Panel: go to the Apple Menu, then "Control Panels", then choose "MacWireless USB".
2. From the Windows menu choose "Configuration...".
3. Select "Network SSID: Select from list", then choose your access point from the list of detected networks and click "Select". "Select the best" automatically scans for available access points and picks the one with the strongest signal level. "Select other..." allows the name of an access point to be typed directly into the Control Panel. "Create Ad Hoc..." allows you to create a direct computer-to-computer network. If you choose the name of an ad hoc network that already exists, you will automatically join the existing network.
4. If your wireless network uses password protection:
 - a. Select "Encryption" from the Windows menu to set your password protection options.
 - b. Choose "Encryption: Disabled" for no password protection, "Encryption: 64-bit" for 40-bit or 64-bit encryption, or choose "Encryption: 128-bit" for 128-bit encryption.
 - c. Enter the proper Password or Hexadecimal Key and click "OK".
5. Open the TCP/IP Control Panel from the Windows menu. Select the MacWireless USB from the "Connect via" pop-up menu, choose "Configure: Using DHCP", then close the Control Panel and save your settings.
6. Open the TCP/IP Control Panel and create a new preset:
 - a. From the File menu choose "Configurations...".
 - b. Click "Duplicate...", then type "MacWireless USB", and click "Make Active".
 - c. Choose "Connect via: MacWireless USB". Please note that for older Macintoshes you will see "Alternate Ethernet" rather than "MacWireless USB".
 - d. Choose "Configure: using DHCP". (Note: Here we are configuring to connect to your Access Point, which in most situations will be using DHCP. If you know that your network uses different settings, then use those.)
7. Close the TCP/IP window and choose "Save."
8. For access to Appletalk printers and for AppleTalk file sharing you need to configure AppleTalk. Open the AppleTalk Control Panel from the Apple Menu Control Panels folder. Choose "Connect via: MacWireless USB", then close the Control Panel and save your settings. Please note that for older Macintoshes you will see "Alternate Ethernet" rather than "MacWireless USB."

OS 9 Troubleshooting

Problem: Unable to connect to a third party access point with WEP encryption enabled.

Solution: Open the MacWireless USB Control Panel. From the Edit menu, choose "Preferences...". Check the "Open System Authentication" check box.

OS X Installation

Installation for OS X 10.2.x & 10.3.x:

The latest installer can be downloaded from this URL: <http://www.macwireless.com/html/support/software.html>. It is also in the enclosed CD.

It is recommended that you uninstall any previous MacWireless 11b USB drivers or applications before proceeding by double clicking the Uninstaller that comes with software installers. In order to properly run the Uninstaller, you must be logged into the computer as an administrator.

1. Before installing, please make sure the 11b USB Adapter is NOT plugged in – the Adapter can be plugged in on step 3. Double click on "MacWireless_Adapter_Installer.dmg", then go to the disk "MacWireless Adapter Installer" on the desktop. **Double click on Adapter_App_Installer** and follow the instructions that appear onscreen to install.
2. When the first installation is complete, go back to the "MacWireless Adapter Installer" window and **double click on 11b_USB_Driver_Installer** and follow the onscreen instructions. At the end of the installation you will need to restart your Mac.
3. Plug in the MacWireless 11b USB Adapter. The USB Adapter should not have been plugged in before this step. If it was, the unplug it and plug it in again now.
4. From the Apple menu, located in the upper left corner of your screen, choose "System Preferences...", then select "Network". Note: If the Network preferences window was already open, please quit the System Preferences then re-open the window before continuing.
5. If you get a dialog that says "New Port Detected", then click OK. From the "Show:" pop-up menu, choose Network Port Configurations if it is not already selected. Here you will see a new port called "Ethernet Adapter (en1)" - it may have a different number such as en2 or en3. This is the 11b USB Adapter. Select this and click the Edit button on the right. Rename the port "MacWireless USB Adapter".
6. From the "Show:" pop-up menu, choose "MacWireless USB Adapter". Configure your TCP/IP settings here as necessary for your network (The most common setting is "Configure IPv4: Using DHCP"). After your TCP/IP settings are configured properly, click "Apply Now." *For more information on how to configure your network, talk to your network administrator, or consult the documentation that came with your router.*

NOTE: It is advised to add the MacWireless USB Adapter application to the startup items to be able to keep your current connection settings after reboot or shutdown. You can easily do this from System Preferences -> Login Items under 10.1 and 10.2 and from System Preferences -> Accounts -> Startup Items under 10.3. Click the "Add..." button and select the MacWireless USB Adapter application from the Applications folder. Check if you want to hide the utility or not and the next time you log in to the system, the USB Adapter will connect automatically at startup.

OS X Configuration

1. Double click the MacWireless USB Adapter application in the Applications Folder.
2. **If the network you are connecting to uses password protection:**
 - a. Click the "Encryption" tab. Pick the encryption type at the "Encryption" prompt. Note: 64-bit and 40-bit encryption are the same thing by different names.
 - b. Enter your encryption key at the "Key #1" prompt. **If you are using an Apple AirPort base station**, you can get this from the AirPort Admin Utility by choosing to configure your base station, then then clicking the password icon at the top of the window. The key is case sensitive so be sure to use capitals or lowercase as in your key. To avoid typing errors, you can copy the key from the AirPort Admin Utility and paste it into the MacWireless USB Adapter application.
 - c. Leave "WEP Key to use" as "Key #1".
 - d. Set "Authentication Type" to "Shared Key".
 - e. Click "Submit".
3. Click on the "Site Survey" tab. Click "Scan" at the bottom of the window, then double click on the name of your desired access point in the "Available Networks" pane. The window will automatically switch to the "Connect" tab. Change "Speed" to "Auto".
4. Click "Submit".
5. Click the "Configs" tab. Click "Store".

In the Connect window of MacWireless USB Adapter application software, the default "MacWireless 11b USB Adapter" is the correct selection and should not be changed.

To set up a configuration for a different access point, base station or wireless router, create a profile using MacWireless USB Adapter application's "Configs" pane. Type in a name for the new profile, then click "Create". Change the settings using the same method described in the OS X Configuration section of this installation guide, then click the "Configs" tab, select the profile you created in the "Configurations" pane, then click "Store".

Please note that if you are using an Apple AirPort base station with a password that the password is not directly supported. You must get a Hex equivalent using the method described in the OS X Configuration section of this installation guide.