



MACINTOSH INSTALLATION INSTRUCTIONS FOR **MacWireless 11n Access Point**

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Introduction

Thank you for purchasing the MacWireless 11n Wireless Access Point! The 11n Access Point requires OS 9 or higher. We have provided configuration instructions for OS 9, OS 10.2.x – 10.4.x, and OS 10.5.x – 10.6.x. When following the instructions below, be sure to choose the correct configuration section for your operating system.

If you experience a problem during the installation, refer to the troubleshooting guide at the end of this document. We also recommend updating your operating system to the latest version. Free updates are available using Apple menu > Software.

Installation

1. Attach the two included antennas to the 11n Access Point.
2. Attach the power supply to the Wireless Repeater and plug it into the wall.
3. Put the 11n Access Point into AP Mode by sliding the switch on the side of the device [located between the Power and Ethernet Ports]. Please note that if the unit is not in AP mode you will not be able to configure the device properly.
4. Using the Ethernet cable, connect one end of the cable to your computer's Ethernet port and the other end to the Ethernet port on the 11n Access Point.

Pre-Configuration

OS 9

1. Open the TCP/IP Control Panel.
2. Create a new preset.
3. Choose File > Configurations...
4. Choose Location > New Location...
5. Click "Duplicate..."; type in "11n MW AP Configuration".
6. Click "Make Active".
7. Choose Connect via: Ethernet Built-in.
8. Choose Configure: Manually.
9. In the IP Address field, type: "**192.168.1.2**"

Pre-Configuration, cont.

10. In the Subnet Mask text field, type: "**255.255.255.0**"
11. Close the TCP/IP window and choose "Save".
12. Pre-configuration is complete. Move on to the configuration section below.

OS 10.2.x - 10.4.x

1. Go to Apple Menu > System Preferences > Network.
2. Choose Location > New Location...
3. Name the new location "11n MW AP Configuration". Click Ok.
4. Choose Show > Network Port Configurations. Please note that this is not the "show all" button at the very top of the window.
5. Check the "Built In Ethernet" box. Uncheck all other network ports.
6. Choose Show > "Built In Ethernet".
7. Choose Configure IPV4 > Manually.
8. In the IP Address field, type: "**192.168.1.2**".
9. In the subnet mask field, type: "**255.255.255.0**"
10. Click "Apply Now".
11. Pre-configuration is complete. Move on to the configuration section below.

OS 10.5.x – 10.6.x

1. Go to Apple Menu > System Preferences > Network.
2. Pull down the Location menu and choose Edit Locations. Click on the plus sign to make a new location.
3. Name the new location "11n MW AP Configuration ". Click done.
4. Pull down the Location menu again and choose "11n MW AP Configuration" if it's not already selected.
5. In the column on the left you should see "Ethernet" as well as others Network Ports listed [example: Airport, Modem..]. The only network port you need to have on this list is "Ethernet". You will need to remove the other Network Ports from this list by selecting them and then clicking the – button at the bottom of the list
6. In the column on the left, click once on "Ethernet".
7. In the right side of the window, you will see Configure. By default you need this is set to Using DHCP. You need to change this to Manually.
8. In the IP address field, type: "**192.168.1.2**".
9. In the subnet mask field, type: "**255.255.255.0**"
10. Click Apply.
11. Pre-configuration is complete. Move on to the configuration section below.

MacWireless 11n Access Point Configuration

The following instructions are valid for OS 9, OS 10.2.x – 10.4.x, and 10.5.x-10.6.x.

1. Open an internet browser [Example: Firefox, Safari..], type **192.168.1.1** into the address bar, and hit return. As we are connecting to a configuration page that is built into the adapter, Internet access is not necessary for this step.
2. You will be prompted to log in. Enter "admin" into both fields and click log in.
3. On the left-hand side of the screen, click Wireless Settings and then click Basic Settings.
4. By default the name of the Wireless Network that this Access Point creates is called "Wireless_11n_AP". If you would like to change the name you can do so by going to the Network Name (SSID) field and changing the entry.
5. By default the Channel of your Access Point is set to Channel 6. If you would like to change the channel that your wireless network is on you can do so by going to Frequency (Channel) field and changing the selection.
6. To save your settings click the Save Settings Button at the top of this page. Wait for the 50 second countdown to complete before proceeding.
7. If you would like to place a password on your wireless network so that only users with your permission can join, move onto the next step. If you would like to leave your network open to everyone, move onto the post configuration section.
8. On the left hand side of the screen, click Wireless Settings and then click Security Settings.
9. Choose the Security Mode that you would like. We recommend using WPA-PSK/WPA2-PSK with WPA Algorithms TKIP/AES, this will allow you to have a high form of encryption and still be compatible with most Wireless Cards. Click Save Settings and move onto the post configuration.

Post-Configuration

OS 9

1. Open the TCP/IP control panel.
2. Choose the settings appropriate your connection type. For example, if you intend to connect this machine to the router using an ethernet cable, choose to connect via ethernet and choose to configure using DHCP. If you would like to connect to the router using a wireless card, consult the documentation that came with your card to find the correct settings.

OS X 10.2.x – 10.6.x

1. Open the network preference panel.
2. Choose the settings appropriate your connection type. For example, if you intend to connect this machine to the router using an ethernet cable, choose to connect via ethernet and choose to configure using DHCP. If you would like to connect to the router using a wireless card, consult the documentation that came with your card to find the correct settings

Hardware Reset Procedure

If the device becomes unresponsive, or if you would like to reconfigure the unit, you can reset it to factory defaults following the procedure below.

Using a paper clip or fine tip pen, hold down the button Restore button found on the back of the 11n Wireless Repeater for 10 seconds. The status light will stop blinking. You must wait 60 seconds and for the status light to come back on before reconfiguring the device. After the allotted time Reconfigure the device starting from the beginning of this document.

Troubleshooting

I can connect to my wireless network, but I cannot access the Internet.

Verify your network settings.

Go to Apple menu > System Preferences > Network. In OS 10.3.x or 10.4.x, go to Show > Built In Ethernet. In 10.5.x – 10.6.x, click on Ethernet in the column on the left. Make sure you are set to Configure: Using DHCP. Also, look at the IP address field. If no IP address is shown, or the address starts with 169, move on to the next troubleshooting step. If the IP address does not start with 169, try the Internet again. If you still cannot connect, there is likely a problem with your router. Contact the manufacturer of your router for further assistance.

Move closer to the source.

You may be almost out of range. Try moving your computer closer to the source of the wireless network.

Verify the encryption.

If your wireless network requires a password, then it is encrypted. Temporarily disable the encryption, attempt to connect again. If you are unsure about how to disable your encryption, contact the manufacturer of your wireless router for assistance. Once you have disabled it, if you can connect successfully, then we know it is an encryption problem. Reconfigure the encryption, verify your password, try to connect again. If you are still having trouble, move on to the next step.

Change the encryption type.

If you are using WEP, try WPA, or vice versa. For most situations, we recommend using WPA2 Personal or WPA2-PSK. When using an 11g Airport Extreme Base Station or 11g AirPort Express, we recommend using WPA Personal with TKIP. If you are using an Apple base station and don't see WPA as an option, hold down the option button on the keyboard while clicking the Wireless Security menu in the AirPort Utility.

Disclaimer: Although this product has been tested and verified, MacWireless does not accept responsibility for loss or damage to any equipment or device. Use at your own risk.