



## **Accessing a WEP encrypted Apple AirPort Base Station via QuickerTek Quicky™**

Background information

Apple AirPort™ and AirPort extreme™ base stations support 40-bit or 128-bit encryption. The only exception to this is the graphite base station which only supports 40-bit encryption.

The encryption uses either ASCII (a-z 0-9) or hexadecimal (0-9 a-f). 40-bit encryption uses 5 ASCII or 10 hexadecimal characters. 128-bit uses 13 ASCII or 26 hexadecimal characters.

Apple base stations and clients using AirPort™ software are user friendly (what else would you expect) when it comes to encryption passwords. You can enter less than the prerequisite number of characters for 40-bit or 128-bit encryption and the base station will create the rest of the necessary characters for the desired encryption, transparently to the user. This is great except when the client is not using AirPort software, like the QuickerTek Quicky™.

In the case of the Quicky™, you will need to get the full password the base station creates, which is known as the Network Equivalent Password.

To acquire the Network Equivalent Password, you will need to access the base station from a client using the AirPort software via the AirPort Administration utility. Once you have logged into the AirPort base station go to the Base Station menu and select Network Equivalent Password.

You will be presented a dialog box that has the password in hexadecimal. Record this password as you will need it in the following step.

Bring up the USB Wireless Utility, and select the encrypted base station that you are attempting to access, and then select Connect.

You will be presented with a dialog box. You must select the appropriate encryption type as noted from the Airport Administration utility. Select hexadecimal from the Key #1 popup menu. Then type in the 10 or 26 character password you noted from the Network Equivalent Password from the Airport Administration utility and then hit Ok.

You will then be attached to the base station.

## **Accessing a WPA encrypted Apple AirPort Base Station via QuickerTek Quicky™**

To access a WPA encrypted Apple AirPort Base Station via QuickerTek Quicky™ simply open the USB Wireless Utility and select the base station you wish to attach to and select Connect.

Shared Key information as provided by your network administrator and then click Ok. In the dialog box that appears, select WPA-PSK and then enter the appropriate password in the WPA Pre-Shared Key field and click Ok.

If you are using WPA enterprise, enter the appropriate Radius Server information and Pre-shared Key information as provided by your network administrator then click Ok.