Setting up Wireless Encryption on a Netgear Router

With your MCC Broadband connection it is not necessary to run the Router’s setup CD. Unless otherwise specified you are running a DHCP connection type that does not require the setup of the router’s wizard. Running the wizard will oftentimes make the connection un‐usable. Use the advanced or manual setup when setting up your new router.

1. Open up your web browser (Internet Explorer or Firefox) and log into your router with a computer that is directly plugged into the router by typing in the router’s IP address in your browser’s Address Bar. By default this IP address is 192.168.1.1
   You should be prompted with a login screen asking for a username and password.

![Authentication Required](image1)

By default the Netgear’s User Name is “admin” and the Password is “Password”.

2. Upon entering the password you will encounter the Basic Setup Screen.

![Basic Settings](image2)
3. Select “Wireless Settings” immediately below “Basic Settings”.

Enter in at least 8 characters for the Passphrase and select Apply.
5. After the settings are finished applying, select **Logout** at the bottom of the page on the left hand side.

You have now successfully set up a powerful encryption on your wireless connection and each device that connects wirelessly will need to be configured to re-logon to the network using the WPA Shared Key that was established. Once it is connected one time there is no need to re-enter the Key.

*Some routers and wireless equipment may not allow WPA2 security. For these using WPA or WEP are the only encryption methods available. For more information on Netgear Routers visit [http://kbserver.netgear.com/](http://kbserver.netgear.com/)*