

NetComm[®]
www.netcomm.com.au



Increase Wireless Reception

(NP800n)

Increasing your wireless reception

If you are experiencing wireless reception drop outs or disconnections, another wireless network or device may be broadcasting on the same wireless channel as your own network.

You can usually resolve this by changing the wireless channel in use on your network.

This guide will take you through the steps required to change the wireless channel in use.

1. Open your web browser and go to the address <http://192.168.20.1>, using **admin** as the username and password.
2. Select "**Wireless**" from the menu on the lefthandside of the page.
3. Select "**Basic**" from the menu at the top of the page.
4. Make sure "**Auto Channel**" is set to "**Disable**".
5. Select a channel at the opposite end of the scale from the one you are currently using. This will mean you avoid any interference you are experiencing on your currently selected channel

The screenshot shows the NetComm NP800n web interface. On the left is a blue sidebar with the NetComm logo and a menu: System, Wizard, Internet, Wireless, Firewall, Advanced, and Tools. The 'Wireless' menu item is selected. At the top right, it says 'AP Router Mode'. Below this is a navigation bar with tabs: Basic, Advanced, Security, Filter, WPS, and Client List. The 'Basic' tab is active. The main content area has a heading: 'This page allows you to define SSID, and Channel for the wireless connection. These parameters are used for the wireless stations to connect to the Access Point.' Below this are several configuration fields: 'Radio' (radio buttons for Enable and Disable), 'Mode' (dropdown menu set to AP), 'Band' (dropdown menu set to 2.4 GHz (B+G+N)), 'Enabled SSID#' (dropdown menu set to 1), 'SSID1' (text field containing NetComm800nSeries), 'Auto Channel' (radio buttons for Enable and Disable, with Disable selected), and 'Channel' (dropdown menu set to 11). The 'Channel' dropdown is open, showing a list of channels from 1 to 13, with channel 11 highlighted. At the bottom right are 'Apply' and 'Cancel' buttons.

6. Once you have selected your new channel to use (for example: 11), click the "**Apply**" button at the bottom of the page.

If you are still experiencing wireless reception issues, there may be infrastructure (walls, floors, wiring, etc) impeding your wireless signal. Please try moving the wireless device to a position close to your modem / router and try connecting again.