

## NETIOM Quick Start

1. Place the programming link in position.
2. Connect the network to Netiom-UDP with an ethernet cable.
3. Connect a 12 Volt d.c. power supply to the power terminals.
4. The LED's should now be illuminated. The amber LED may flicker occasionally.
5. You may now want to verify the settings using the Netiom-UDP Interface software.
6. Install and run the Netiom-UDP Interface Software.
7. Select the PC comms port you will be using. This is on the General page.
8. Connect a null modem lead between the PC comms port and the Netiom-UDP serial port.
9. Press the "Read From NETIOM" button. You can now review the settings.
10. The next step will depend on your network settings. If you have a DHCP server (typically an ADSL router) proceed from section "With DHCP Server" otherwise go the section "Without DHCP Server".

### With DHCP Server

11. Ensure that the following boxes are checked on the Data page:

"Get Address Automatically"  
"Enable Client"  
"Use Broadcast Address"

If are not checked then check them and download to Netiom-UDP using the "Write To NETIOM" button on the general page.

12. Remove the programming link. The red LED should now flicker once or twice.
13. Wait for about 5 seconds and replace the programming link.
14. Read the data back from Netiom-UDP as before.
15. The assigned IP address will now be displayed on the Server page. If this reads 0.0.0.0 then the DHCP process has failed and it will be necessary to set up the IP address manually. Follow the "Without DHCP Server" section instructions.
16. Repeat the procedure for the second module.

### Without DHCP Server

17. You will need to set up the addressing manually. Uncheck the "Get Address Automatically" box on the Data page of the Netiom-UDP Interface software.
18. If there are a large number of devices on your network you will need to be assigned an IP address from your network administrator. If there are only a few PCs you can determine their address from a command prompt. Type in "ipconfig" and the settings will be returned. Make a note of each one and choose an address close to the ones returned changing only the fourth number. For example if your network is using 192.168.0.2 and 192.168.0.5 try using 192.168.0.6.
19. Enter the obtained number into the IP address boxes. You should be safe using 192.168.0.1 for the gateway address and 255.255.255.0 for the Submask.
20. Download the new data to Netiom-UDP using the "Write To NETIOM" button on the general page.
- 21 When the download is complete remove the programming link.

Full documentation is provided on the "Documentation for NETIOM-UDP Modules" disk. There is a PC based interface application on the "Installation" disk.