

WDS Set Up Instructions

Configure Router 'A' (Master)

Please note you can only have one device as the 'Root' WDS master device and the rest are the clients. We will call the master Router 'A'.

ADSL2/2+ Router

ADSL2/2+ Router

Home Home Setup Wizard Tools **Advanced** Save All

Connection Status

Description	Type	IP	State	Online	Disconnect Reason
BT	pppoa	N/A	Not Connected	0	DSL Line is Disconnected

System Information

System Uptime: 1 hours 24 minutes
DSL Status: Disconnected
DSL Speed: 0/0kbps
Ethernet: Connected
Software Version: 3.7.1
Firmware Version: 8505G_ETC_090806.03FAX
SSID: Default

2. Click on the 'Wireless' tab.

12. Click on the 'Save All' to complete the process on Router 'A'.

ADSL2/2+ Router

ADSL2/2+ Router

Wireless

Advanced

LAN

WAN

Wireless

Status

Home

Save All

Setup

Security

Configuration

Management

WDS

WDS

WDS Mode: 4

WDS Name: 5

Activate as Root: 6

WDS Privacy: 7

Secret:

8. Enter a password to secure the WDS connection.

Bridging Direction Enable MAC address

Uplink:

Downlink 1: 9

Downlink 2:

Downlink 3:

Downlink 4:

10. Enter the AP MAC address of Router you wish to link. The MAC address of the opposite device(s) can be found in its 'Status >> Info >> AP MAC0 00-13-64-xx-xx-xx' as illustrated on the next page. You can enable more links by tick the 'Downlink' box then enter the the link up device's MAC address in the 'Mac Address' box.

Apply

Cancel

11. Click on 'Apply' button.

Status

Advanced

LAN

WAN

Wireless

Status

Home

Save All

Network Statistics

DDNS Status

DHCP Clients

ADSL Status

Info

WDS Report

Product Information

Product Information

Model Number	Wireless ADSL2/2+ Router
HW Revision	94211G
Serial Number	20060828
Ethernet MAC	00:13:64:2F:46:65
DSL Default MAC	00:13:64:2F:46:66
AP MAC0	00:13:64:XX:XX:XX

Software Versions

Gateway	3.7.1
ATM Driver	6.01.03.00
DSL HAL	6.01.02.00
DSL Datapump	6.01.04.00 Annex A
SAR HAL	01.07.2c
PDSP Firmware	0.54
Wireless Firmware	3.4.0.41
Wireless APDK	6.4.4.27
Boot Loader	1.4.0.4

Configure Router 'B' client.

Configuration the rest of the clients are the same. The only difference is the IP address. Each device must have different IP address.

1. Click on the 'Wireless' tab.

ADSL2/2+ Router

ADSL2/2+ Router

Wireless

Advanced LAN WAN **Wireless** Status Home

Save All

Setup Security Configuration Management **WDS**

WDS

WDS Mode: Bridge

WDS Name: WDS_TI

Activate as Root:

WDS Privacy: Secret:

Bridging Direction	Enable	MAC address
Uplink:	<input checked="" type="checkbox"/>	00-13-64-2f-46-67
Downlink 1:	<input type="checkbox"/>	
Downlink 2:	<input type="checkbox"/>	
Downlink 3:	<input type="checkbox"/>	
Downlink 4:	<input type="checkbox"/>	

Apply Cancel

10. Click on the 'LAN' tab.

Navigation tabs: LAN (highlighted), Advanced, LAN Configuration, LAN, Ethernet Switch, WAN, LAN Clients, Wireless, LAN Isolation, Status, Home, Save All

LAN Configuration

Interfaces

- SSID1
- SSID2
- SSID3

LAN group 1

Add > Ethernet4 Ethernet3 Ethernet2 Ethernet1 < Remove Configure

LAN group 2

Add > < Remove

LAN group 3

Add > < Remove

LAN group 4

Add > < Remove

LAN group 5

11. Click on 'Configure'.

17. Click on the 'Save All' to complete the process on Router 'B'.

LAN Group 1

Unmanaged
 Obtain an IP address automatically
IP Address: **Release**
Netmask: **Renew**

12. Select 'Use the following Static IP address.'

PPP IP Address
IP Address:
 Use the following Static IP address
IP Address:
Netmask:
Default Gateway:
Host Name:
Domain:

13. Enter an IP address in the box'.

14. Enter Netmask in the box'.

15. Enter the 'Default Gateway in the box'.

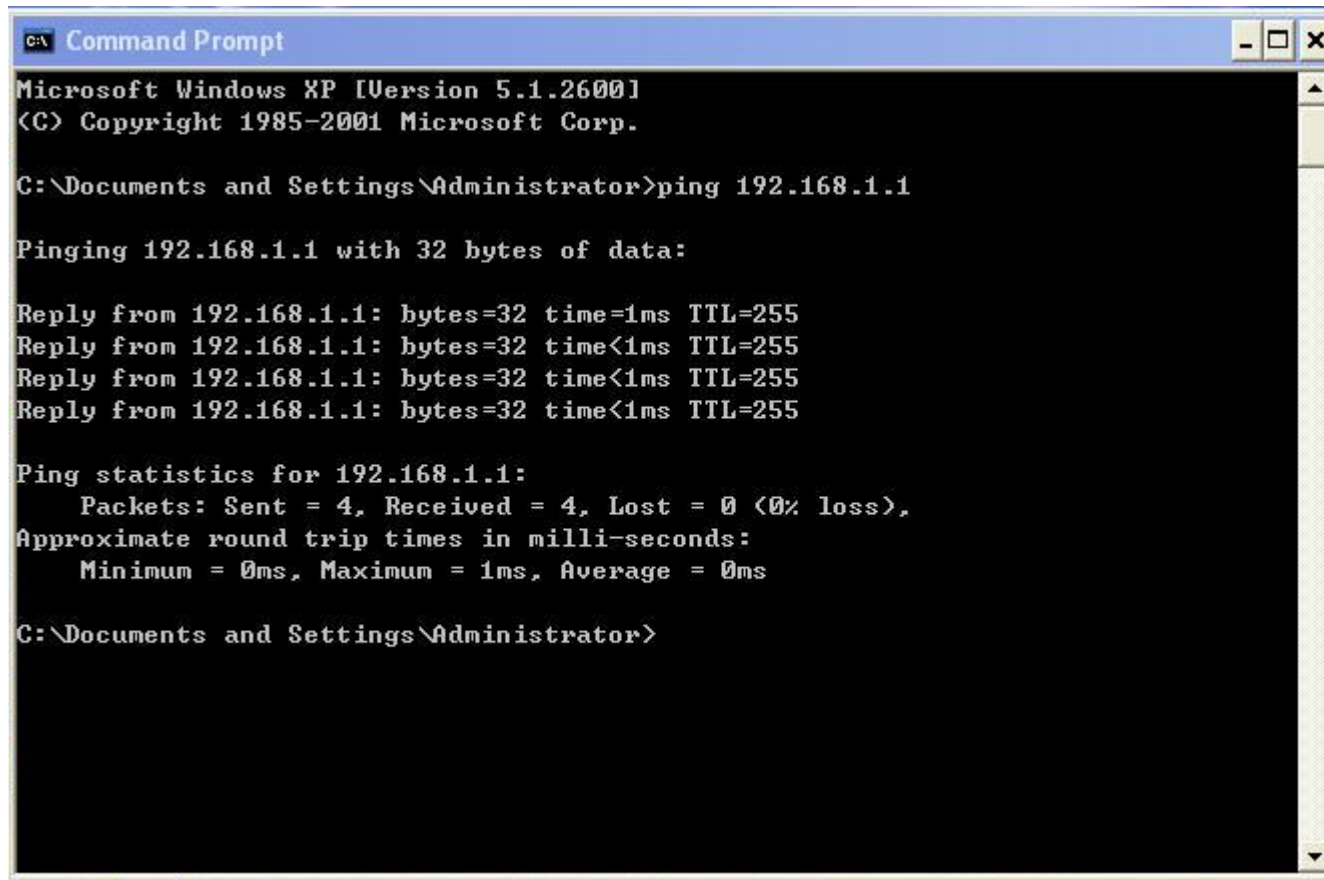
Enable DHCP Server Assign ISP DNS,SNTP
Start IP:
End IP:
Lease Time: Seconds

15. Select ' Enable DHCP Relay'.

Enable DHCP Relay
Relay IP:
 Server and Relay Off

16. Click on 'Apply' button.

After the Router restarted you can test the link by go to the Windows 'Command Prompt' and then ping the master Router's IP address. If the link is working you should get four replies.



```
C:\ Command Prompt
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\Administrator>ping 192.168.1.1

Pinging 192.168.1.1 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time=1ms TTL=255
Reply from 192.168.1.1: bytes=32 time<1ms TTL=255
Reply from 192.168.1.1: bytes=32 time<1ms TTL=255
Reply from 192.168.1.1: bytes=32 time<1ms TTL=255

Ping statistics for 192.168.1.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\Documents and Settings\Administrator>
```