

Billion WDS Set Up Instructions

Router 'A' IP address 192.168.1.254

Router 'B' IP address 192.168.1.253

ADSL Firewall Router

Parameters

WLAN service	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
Mode	802.11b+g
ESSID	wlan-ap
Hide ESSID	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Regulation Domain	Europe
Channel ID	Channel 8 (2.447 GHz)
WMM (QOS)	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
WMM-APSD	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
MAC Address	00:13:D3:6D:E1:8B
AP Version	RT2561T 1.0.8.0-3

Wireless Distribution System (WDS)

WDS Service	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
1. Peer WDS MAC Address	00:13:D3:78:17:C4
2. Peer WDS MAC Address	
3. Peer WDS MAC Address	
4. Peer WDS MAC Address	

** WDS depends on the settings of main security encryption type. **

Apply Cancel

ADSL Firewall Router

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** WDS depends on the settings of main security encryption type. **

Apply Cancel

3. All WDS devices must have the same ESSID.

4. All WDS devices must use the same radio channel.

5. This is your wireless's MAC address need to enter in all the WDS participant device's 'Peer WDS MAC address box' as illustrated.

6. Click on the 'Apply' button.

7. Click on the 'Save Config' button.

Save Config to FLASH

Write settings to FLASH

Apply

8. Click on the 'apply' button to complete the process.

You can repeat the above steps on the rest of the Router. We recommended that you should leave one of Router's the DHCP Server enabled. You should disable the DHCP server on the rest of the Router. To turn off the DHCP Server continue to the next page.

Disabling the DHCP Server

BILLION™ ADSL Firewall Router

DHCP Server

Configuration

DHCP Server Mode

Disable **2. Click on 'Disable' radio button.**

DHCP Server

DHCP Relay Agent

Next **3. Click on the 'Next' button.**

DHCP Server Status

Status	DHCP Server Running
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Subnet Definitions

Subnet Value	192.168.1.0
SubnetNetmask	255.255.255.0

DHCP

Disable server and relay agent

The DHCP server and relay agent will be disabled.

Apply **Cancel**

4. Click on 'Apply' button.

SAVE CONFIG **RESTART**

7. Click on the 'Save Config' button.

Save Config to FLASH

Write settings to FLASH

Apply

8. Click on the 'apply' button to complete the process.

Please note after you configured each device saved the settings, then you should turn off the power on the Router.

Once all the device are ready, then power up all the device. After the restart all the WDS link should be linked up.