

How To Enable Wireless Bridging Between A F5D7633 And A F5D7130 |

Connect the Access Point to an available Ethernet Socket on the Router. Open you Internet Browser and then type '192.168.2.254' into the address bar. The Access Point Configuration Utility will then be displayed.

Select the heading 'Channel and SSID' (located under 'Wireless') from the menu on the left hand side of your Browser. If you are prompted to log in click 'Submit'. If you have entered a Password for the Access Point please enter this and click 'Submit'.

Login

Before you can change any settings, you need to log in with a password. If you have not yet set a custom password, then leave this field blank and click "Submit."

Password

Default = leave blank

Clear

Submit

Ensure that the Channel and SSID are the same as the F5D7633 (By default both Units are set to Channel 11 and have an SSID of 'belkin54g').

Wireless > Channel and SSID

To make changes to the wireless settings of the router, make the changes here. Click "Apply Changes" to save the settings. [More Info](#)

Wireless Channel >

11

SSID >

belkin54g

Wireless Mode >

54G-Auto

Broadcast SSID >

[More Info](#)

Turbo Mode >

On

Enabling Turbo Mode allows the Router or Access Point to use Frame Bursting to get the maximum throughput from the Router or Access Point to 802.11g clients. Turbo mode will work with 802.11g clients that support Turbo Mode. Belkin 802.11g Clients using the latest driver will support Turbo Mode. Clients that do not support Turbo Mode will operate normally if Turbo Mode is enabled.

Protected Mode >

On

NOTE: In most situations, best performance (throughput) is achieved with Protected Mode OFF. If you are operating in an environment with HEAVY 802.11b traffic or interference, best performance may be achieved with Protected Mode ON.

Clear Changes

Apply Changes

Make any changes that are required. Once complete click 'Apply Changes'.

Select the heading 'Security' (located on the left menu bar).

Wireless > Security

Security Mode

You can configure wireless security to assure maximum security. WPA-PSK (no server) provides dynamic key changes in wireless environments, where WPA (Wired Equivalent Privacy) should be used. [More Info](#)

Security should be enabled to assure maximum security. WPA-PSK (no server) provides dynamic key changes in wireless environments, where WPA (Wired Equivalent Privacy) should be used. [More Info](#)

64bit WEP
Disabled
WPA-PSK (no server)
128bit WEP
64bit WEP
WPA (with Radius Server)

[Apply Changes](#)

If you have enabled Wireless Security in the F5D7633 please ensure that these settings are duplicated in the F5D7130.

Once complete click 'Apply changes'. Once the changes have applied click 'Logout' (located in top right hand side of the Belkin Utility).

[Home](#) | [Help](#) | [Logout](#)

Enter '192.168.2.1' in to the Address Bar of your Browser. The Router Configuration page will now be displayed.

Select the heading 'Channel and SSID' (Located under 'Wireless') from the menu on the left hand side of your Browser.

If you are prompted to log in click 'Submit'. If you have entered a Password for the Router please enter this and click 'Submit'.

Login

Before you can change any settings, you need to log in with a password. If you have not yet set a custom password, then leave this field blank and click "Submit."

Password

Default = leave blank

[Clear](#)

[Submit](#)

Change the heading 'Turbo Mode' from '125 High-Speed Mode' to 'Frame Bursting Mode'. Once complete click 'Apply Changes'.

Wireless > Channel and SSID

To make changes to the wireless settings of the router, make the changes here. Click "Apply Changes" to save the settings. [More Info](#)

Wireless Channel > 11

SSID > belkin54g

Wireless Mode > 54G-Auto

Broadcast SSID >

54g Protection > On [More Info](#)

Turbo Mode > 125 High-Speed mode [More Info](#)

125 High-Speed mode
Frame Bursting mode
Off

[Clear Changes](#)

Remove the power from the F5D7130, disconnect the Ethernet Cable and then re-apply the power back to the F5D7130.

Once complete please wait until all the lights on the F5D7130 have stabilised.

Select the heading 'Wireless Bridge' (Located under 'Wireless') from the menu on the left hand side of your Browser.

Wireless > Wireless Bridge

This page allows you to configure wireless bridge features of the wireless LAN interface.

Click the Bridge Mode drop down menu and select either, 'Auto' to automatically scan for Access Points to connect to or, 'Manual' to configure the Access Points MAC Addresses manually. [More Info](#)

Bridge Mode:

Disabled
Auto
Manual

Refresh

Apply Changes

Set the 'Bridge Mode' to 'Auto' (If this already enabled select disable, click 'Apply Changes' and then select 'Auto' again).

The F5D7130 will now be displayed in this list.

Bridge Mode:

Remote Bridges MAC Address:

	SSID	BSSID
<input type="checkbox"/>	belkin54g	00:11:50:0D:9C:2F

Select the F5D7130 by clicking in the empty box. Once selected click 'Apply Changes'.

Once the changes have applied click 'Logout' (located in top right hand side of the Belkin Utility).

[Home](#) | [Wizard](#) | [Help](#) | [Logout](#)

Enter '192.168.2.254' in to the Address Bar of your Browser. The F5D7130 Configuration Screen will now be displayed.

Wireless Bridging has now been established.

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