

## How to use Wireless Bridge Repeater on the MOFI5500

1. Write down the SSID (network name) and password that you want to connect to
2. To enable this, go to Network then WiFi Bride/Repeater

On the WiFi 5GHz Scan, select the network that you want to connect to

Router ID: E43A6526E240 Firmware: 3.1.1-std

This Router's IP Address is: 192.168.10.1

NOTE: When repeater is enabled, the module cannot be used (we will have a fix in an update soon) to allow both repeater and module. Please note that this router cannot have the same IP address as the router you are trying to join. Above is the IP address of this router. If the other router has the same IP range as this router, they will not connect!! Example: 192.168.10.1 and 192.168.10.2 has the same first 3 part so will not work. If using 2 MOFI routers, you can set 1 router to 192.168.0.1 and the other to 192.168.10.1 for example to get it to work. Or 192.168.1.1 and 192.168.10.1 for many more combinations can be used but the first 3 parts cannot be exactly the same. You can change the IP address on the MOFI router by clicking Network on the side and change the IPv4 Address. If you make a mistake, and need to reset router, take all cables out of router at back. Flickout router and wait for booting status light to go solid, then press and hold the exact button down for 2 seconds and release. After released, the booting status will start to blink for 1 min and the router would be reset to default values. Reboot router again after a default is done by taking the power off and put on again. Note if you are using Repeater, the Network Name should not be the same as the Master Router/Device you are connecting to. Also, this repeater router can have same or a different Encryption Type and/or Wireless Password as it does not have to be the same as the master if you do not want it to.

### Wifi 5GHz Scan

Scan result	SSID	Channel	MAC	Encryption	Select this SSID
	EvangeITemple	36	18a829f6b4f35	WPA2PSK/AES	Select me
	EvangeITemple_Guest	36	1ex829f6b4f35	WPA2PSK/AES	Select me
	Satum	44	1459c04a57ed	WPA2PSK/AES	Select me
	clearbox	48	708bcdc6f124	WPA2PSK/AES	Select me
	Moficell	149	cxc027cd3787	WPA2PSK/AES	Select me

Press Here to Scan 5GHz wifi

3. Under Wifi 5GHz, make sure it is enabled and verify the network name is correct and enter the WiFi password that you want to connect to

### Wifi 5GHz

Enable

Channel: 149

SSID or Network Name of Master Router/Device (It is case sensitive): Moficell

Wifi Security: WPA2-PSK

Encryption/Security Type (WPA2-PSK) is recommended

Cipher: Force AES

Wireless Password/Key (Case Sensitive): enter the password for the wifi here

Passwords Must be between 8 and 63

4. Under Bridge/Repeater 5GHz (this) Router, verify is enabled

This section is for the WiFi name that you want to broadcast from your MOFI5500 router

Enter the name you want to use (cannot be the same name as what you are connect from)

Enter the password you want to use

Then click on Save

### Bridge/Repeater 5GHz (this) Router

Repeater Mode Enabled	<input checked="" type="checkbox"/>
SSID or Network Name of this Repeater Router	<input type="text" value="repeat_5g"/>
Wifi Security	<input type="text" value="WPA2-PSK"/>
	<small>Encryption/Security Type (WPA2-PSK) is recommended</small>
Cipher	<input type="text" value="Force AES"/>
Wireless Password/Key (Case Sensitive)	<input type="text" value="Enter the password of your new wifi"/>
	<small>Passwords Must be between 8 and 63</small>

After 30 seconds or so, the router should connect and you will see the internet LED on the router come on. Suggest to also power off and on the router

When the router comes up, you should see the name in step #4 that you made and you should be able to connect and have internet

If for some reason you do not have internet, double check that you have selected the correct network name and entered the correct wifi password for that network name.