

Wireless Bridge

1. Log into the Secondary Router. *(We will only be altering the Secondary Router!)*
2. **Administration** Tab — **Factory Defaults** Subtab
 1. Restore Factory Defaults: Yes
 2. Click "Save Settings" — triggers reboot. *(DaveK - I'm using V24 with a Buffalo WHR-G125 router and had to click "Apply" after "Save" in order to trigger the reboot)*
 3. Router's IP will now be 192.168.1.1 if it wasn't already.
This was a very important step. I have run this process 3 times now as a trial, and the instructions are written assuming you have a "clean" router.
3. **Setup** Tab — **Basic Setup** Subtab
 1. Connection Type: Disable
 2. STP: Disable
 3. Local IP: 192.168.1.2 (it was initially 192.168.1.1) (Appears that it must/should be a valid IP in your Wireless Subnet)
 4. Gateway: 192.168.1.1 (ip address of your primary router)
 5. Local DNS: 192.168.1.1 (ip address of your primary router, normally it will forward your request to DNS server)
 6. Assign WAN Port To Switch: Checked
 7. DHCP Server: Disable
4. Click "Save Settings" — triggers reboot.
I had an error along the lines of "Can't connect to 192.168.1.1" — This is because it's now 192.168.1.2 — close and restart the browser to avoid authentication problems and connect to the new IP address and retype your username and password.
5. **Security** Tab — **Firewall** Subtab
 1. SPI Firewall: Disable
 2. Click "Save Settings"
6. **Wireless** Tab — **Basic Settings** Subtab
 1. Wireless Mode: Client Bridge
 2. Wireless Network Mode: Match your primary router.
 3. Wireless Network Name (SSID): Match your primary router. (case matters!)
 4. Wireless Channel is not relevant in Client Bridge mode.
 5. Wireless SSID Broadcast is not relevant in Client Bridge mode.
 6. Click "Save Settings". The router will now be in Client Bridge mode.
7. **Status** Tab — **Wireless** Subtab
 1. Click Site Survey and join the appropriate wireless network. Access Point table should show the MAC address of your Primary Router, along with signal strength. (SSID Broadcast MUST be enabled on your primary router) At this point it was working 100% for me.
If that worked, then: