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YM/AP/4920/UM/SG/F01REV06012015

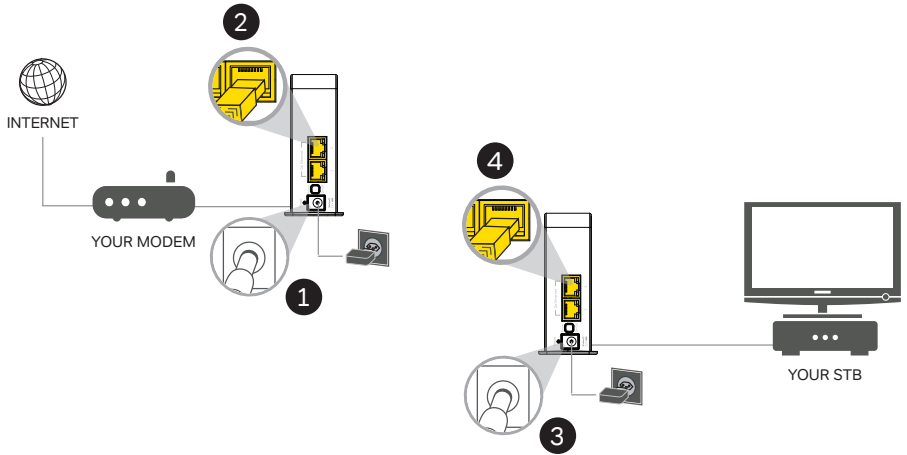


Quick Installation Guide

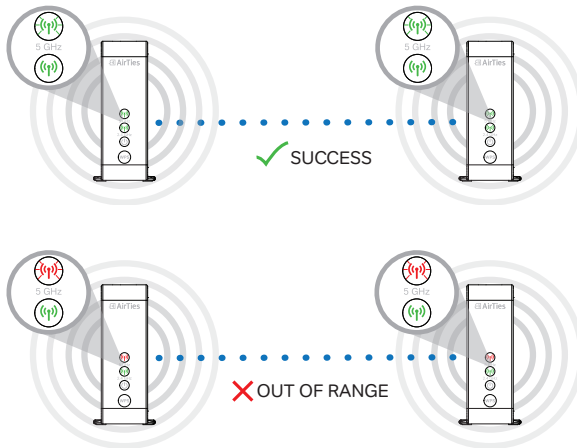
**1600 Mbps Wireless Booster
Air 4920**

1 EASY SETUP:

Your Air 4920s are pre-configured at the factory and they are ready to connect. Just wire them up as shown:



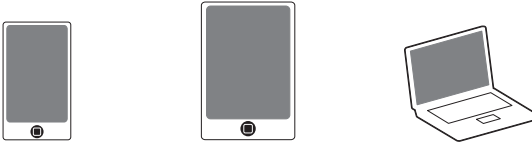
PLEASE WAIT 4 MINUTES



If 5 GHz LED turns red, you should relocate your Air 4920s.

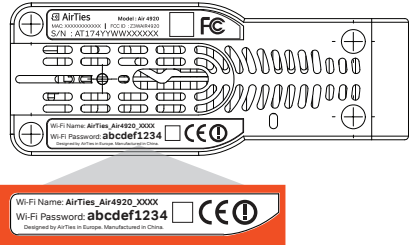
2 USE HIGH SPEED Wi-Fi:

You can connect mobile devices to your new wireless network



Factory default network name and password are labeled on the bottom of both Air 4920 units:

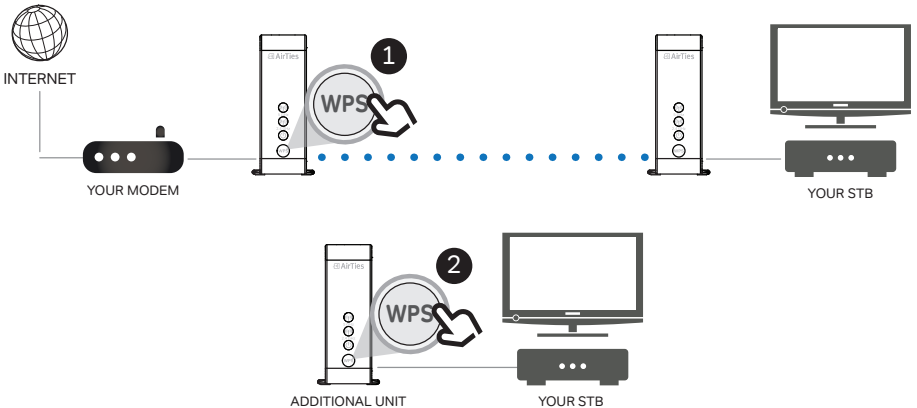
- On each client (e.g. laptop, phone or tablet), connect to the network on the label.
- Enter the network password when prompted.



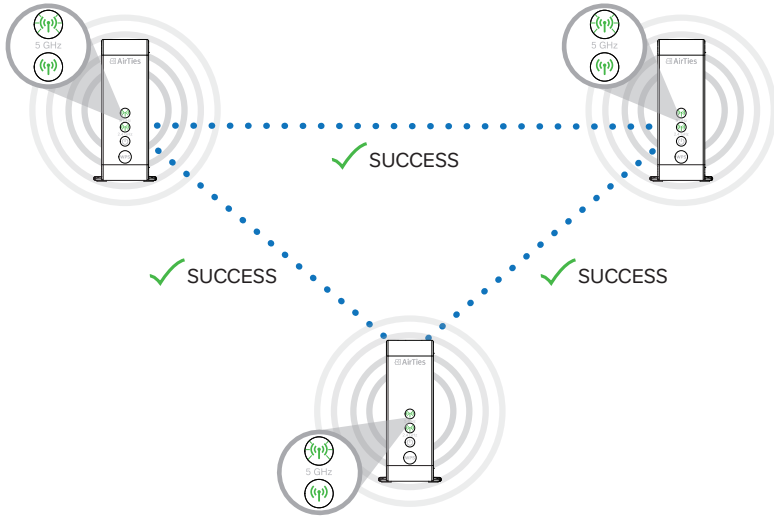
3 ADD MORE CONNECTIONS:

To connect another STB or TV (or just to extend wireless coverage even more):

- Bring the additional Air 4920 next to one of existing units.
- Press the WPS button on just one of the operational Air 4920 units (step 1) and the new Air 4920 (step 2). Each WPS button must be pressed for 2-3 seconds and within 60 seconds of one another. The WPS process will end in 2 minutes or less.



PLEASE WAIT 4 MINUTES



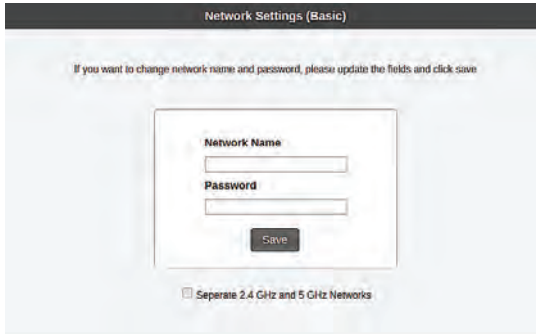
- i. Network name and password of your new unit will be same with other Air 4920s.**
- ii. After WPS pairing is complete, relocate the new Air 4920 near the STB, TV or area that needs coverage. If the 5 GHz WiFi LED of the unit is red after being relocated, move it closer to one of the other Air 4920 units to achieve a good link (as indicated by a green 5 GHz LED).**
- iii. If after 2 minutes, the 5 GHz LED reverts back to blinking green (i.e., in sync with 2.4GHz, 4 seconds on, 4 seconds off), then please repeat the WPS pairing process.**

4 CHANGE WIRELESS CREDENTIALS:

While you are in the same network with video bridges, open the web browser and type **“http://air4920.local”** to the address bar.

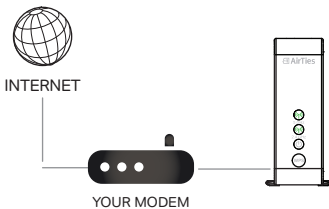


Change network name and password on Network Settings (Basic) menu. **Once you change network name and password on one Air 4920, it will automatically distribute new settings to other Air 4920s.**





5 TIPS FOR BEST PERFORMANCE:

- Turn off wireless service on your modem.



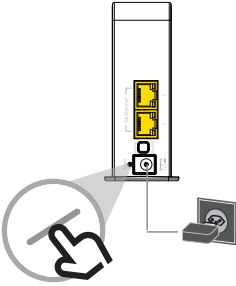
- Keep units away from:
 - Potential sources of electrical interference. Equipment that potentially cause interference include ceiling fans, home security systems, microwaves, PCs, and cordless phones (handset and base).
 - Large metal surfaces and objects. Large objects and wide surfaces such as glass, insulated walls, fish tanks, mirrors, brick, and concrete walls can also weaken wireless signals.
 - Sources and areas of heat such as ovens and sun rooms as well as direct sun light even if there is good air conditioning.
- Also, it is highly recommended that uninterruptable power supplies (UPSes) (or, at least, surge protectors) are used to protect Air 4920s and other electrical devices (VDSL modems, routers/gateways, set-top boxes, TVs, etc.) from electrical dangers. Electrical storms, voltage surges and other risks associated with the electrical power grid can cause significant damage to electrical devices. In addition, even a 1-second disruption in electrical power is likely to cause all modems, wireless clients, TVs, set-top boxes, etc. to be powered off or to be reset. Even if the equipment starts up automatically, it will be several minutes before all systems come back online and allow you to enjoy your Internet-based services.

6 STATUS LEDs AND SIMPLE TROUBLESHOOTING STEPS:

LED Indicators:	Condition	LED Color	LED Behavior	Timing	State Identifier	Explanation	Recommended Action(s)
 Power	Power OFF	(OFF)/Dark	-		A		Power on device if desired. No other action required.
	Power ON	White	Solid (No blinking)	500ms OFF 500ms ON	B		No action required. If unit was just powered on, then please wait for at least 2 minutes for the unit to complete its boot process.
	Firmware upgrade in progress	White	Blinking	500ms OFF 500ms ON	C		No action required. Please wait for the unit to reboot (and enter state B). No action required.
 5 GHz	WLAN is active and the node has an active strong Mesh/Repeater connection on the 5GHz Radio.	Green	Blinking	50ms OFF 5000ms ON	D		
	WLAN is active and all MESH/Repeater links on 5GHz Radio are weak.	Red	Solid (No blinking)		E		Bring device closer to another device on the MESH.
	WLAN is active or Searching for radar activity	(OFF)/Dark	Both Radio LEDs are dark		F		No action required.
	WPS is in progress	Green	Blinking in sync with 2.4GHz led	WPS Cert. Compliant	G		No action required.
	WPS is successful	Green	Solid (No blinking)	WPS Cert. Compliant	H		
	Unconfigured device.	Green	Blinking in sync with 2.4GHz led	4000ms OFF 4000ms ON	I		Device has factory setting and is not connected to the home network in any way (e.g., the device is not wired to the router-gateway)
	WLAN active, Device configured, No Repeater/MESH link on 5GHz Radio.	Green	Solid (No blinking)		J		First AP (wired to router-gateway) No action required.
	There is configured MESH/Repeater connection on 5GHz, however connection is inactive. (Cannot connect)	Red	Blinking	1000msec OFF 1000msec ON	K		Device is part of MESH, but unable to find any of its MESH partners. Make sure other device(s) that are part of the MESH network are powered on and close enough to connect.
	WPS is not successful	Red	Blinking with 2.4GHz led	WPS Cert. Compliant	L		This behavior is temporary and lasts for about 1.0 seconds, after which the LEDs go back to the state the device was in before the WPS attempt On failure, repeat WPS attempt after bringing device next to another device that is already on the MESH network (i.e., in state D).
							This behavior is temporary and lasts for about 1.0 seconds, after which the LEDs go to one of the following states: 1) MESH with strong signal (state D), and 2) MESH with poor signal (state E)

7 NOTES:

- Returning to factory settings:



To return unit to factory settings, press down on the reset button (in a small opening on the back) for 10 – 12 seconds. A metal paperclip (with an extended tip) or strong toothpick are typically good choices for this task. When the reset process is triggered, the LEDs in the front will temporarily “shimmer” and the unit will reboot (in about 2 minutes) to factory settings.

- If you personalize the network settings, please record them here:

Network Name:

Network Password:

User Interface Password:

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