

[Skip to content](#)

[Manuals+](#)

User Manuals Simplified.

[Home](#) » [AirTies](#) » AirTies Air 4920 Smart Mesh User Manual

AirTies Air 4920 Smart Mesh User Manual

Contents [[hide](#)]

[1 AirTies Air 4920 Smart Mesh User Manual](#)

[1.1 Quick Installation Guide](#)

[1.1.1 Related Manuals:](#)

AirTies Air 4920 Smart Mesh User Manual



For more information:

<http://www.airties.com/products>

Quick Installation Guide

1600 Mbps Smart Mesh Access Point Air 4920

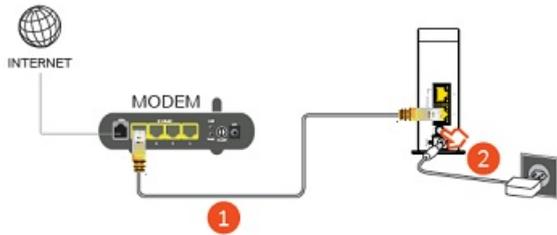
EASY SETUP: ACCESS POINT

1. Position one Air 4920 next to your router and connect the two using the enclosed Ethernet

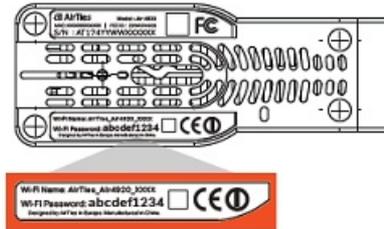
cable (yellow plug).

2. Connect the Air 4920 device to the mains and press the power switch.

3. Wait until both 5 GHz and 2.4 GHz LEDs are solid green (🟢) This may take up to 3 minutes.



4. Now, you can connect mobile devices to your new wireless network. Factory default network name

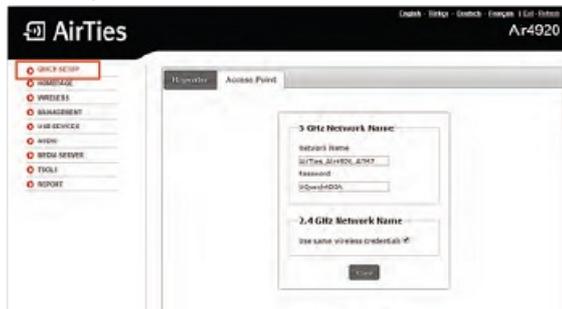


and password are labeled on the bottom of the device.

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

5. (Optional) You can change network name (SSID) and password of your network.

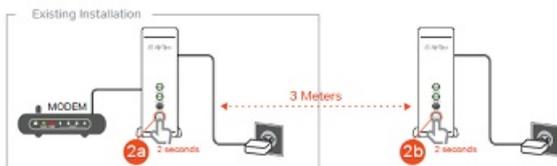
Connect to your network, open the web browser and type "http://air4920.local" to the address bar. Log in and navigate to QUICK SETUP from the left pane. (Default login password is blank.)



EXTEND YOUR WiFi COVERAGE (MESH):

Preparation: Connecting the new Air 4920

1. In the room in which the router is located, position the new Air 4920 at a distance of around three meters from the existing Air 4920 device, connect it in to the mains and wait until both 5 GHz and 2.4 GHz LEDs are flashing green (4 seconds ON, 4 seconds OFF). This may take up to 3 minutes.



2. 2.a Press the WPS button (🟢) on the existing Air 4920 (next to the router) for 2 seconds and then on the new Air 4920 for 2 seconds (2.b).

The 5 GHz and 2.4 GHz LEDs (🟢) start to flash and the devices connect automatically. This process may take up to five minutes. The connection has been established once the (🟢) LEDs light up green (The 5 GHz LED will turn OFF briefly once in every 5 seconds).

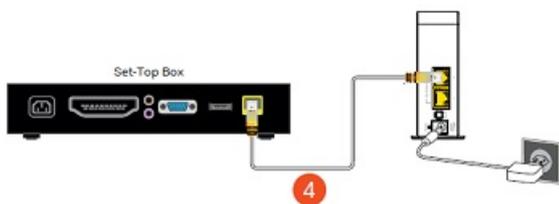
Congratulations, you have successfully configured your new device. Your existing Air 4920 network credentials are automatically configured to your new Air 4920.

Note: If the 5GHz LED on the new device does not light up green within five minutes, please repeat step 2.

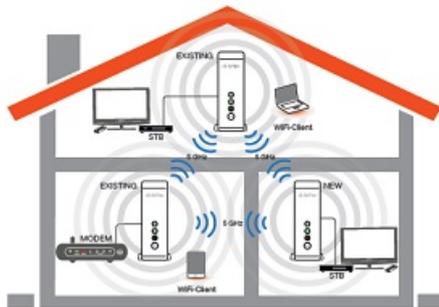
Setting up the Air 4920 in the room of your choice

3. The new Air 4920 can now be unplugged and placed in the room of your choice. The connection will be established automatically. This process will take up to three minutes. Note: If 5 GHz LED does not light up green (The 5 GHz LED will turn OFF briefly once in every 5 seconds) within three minutes, please consult the chapter «Troubleshooting» (page 5).

4. (Optional) Now, you can connect wired devices (in this example, the Set-Top Box) to the Air 4920 using the ethernet cable (yellow plug).

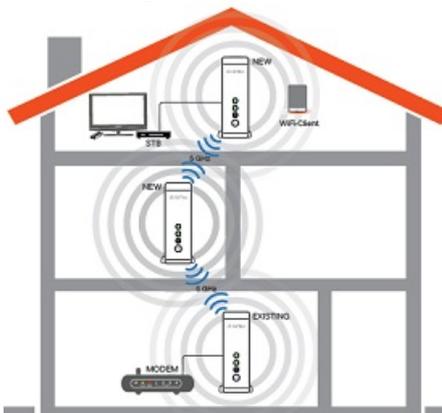


5. (Optional) You can add additional Air 4920s to your network by repeating steps from 1. **Improving wireless coverage**



If you would like to improve wireless coverage in another room, you can set up an additional Air 4920. You can also connect devices via Ethernet to this Air 4920 (for example a STB, computer or game console).

Improving range



If the location you want to cover is too far away from your existing Air 4920, you can install additional Air 4920s to reach there.

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.

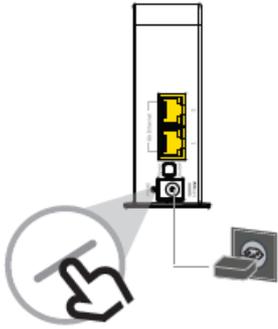
- Also, it is highly recommended that uninterruptable power supplies (UPSes) (or, at least, surge protectors) are used to protect Air 4920s and other electrical devices (VDSL modems, routers/gateways, set-top boxes, TVs, etc.) from electrical dangers. Electrical storms, voltage surges and other risks 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.

TROUBLESHOOTING:

LED Indicators:	Condition	LED Color	LED Behavior	Timing	State Identifier	Explanation	Recommended Action(s)
Power 	Power OFF	(OFF/Dark)	-		A		Power the device on if desired. No other action required.
	Power ON	White	Solid (No blinking)		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 WAN is active and the node has an active strong Mesh connection on the Radio.	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	WAN is active and all MESH links on the Radio are weak. Radio is inactive or slowing for radar activity	Green	Blinking	50ms OFF 500ms ON	D		Bring device closer to another device on the MESH network.
	WPS is in progress	Red	Solid (No blinking)		E		No action required.
	WPS is successful	(OFF/Dark)	Blinking in sync		F		No action required.
		Green	Blinking in sync		G		No action required.
 2.4 GHz	This behavior is temporary and lasts for about 10 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)	Green	Solid (No blinking)		H		If LED is red (state E) then bring device closer to another device on the MESH network. If LED is green (state D), then no action is required.
	Device has factory setting and is not connected to the homerenet in any way (e.g. the device is not wired to the router-gateway)	Green	Blinking in sync	4000ms OFF 4000ms ON	I		Configure device (refer to Quick Installation Guide)
	Unconfigured device. WAN active, Device configured, No MESH link on the Radio.	Green	Blinking in sync		J		No action required.
	There is configured MESH connect on the radio, however connect bn is inactive. (Cannot connect)	Green	Solid (No blinking)		K		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	1000ms OFF 1000ms ON	L		On failure, repeat WPS attempt after about 10 seconds, after which the LEDs go back to the state the device was in before the WPS attempt (i.e. in state G).

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 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 3 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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<https://fccid.io/Z3WAI4920/User-Manual/User-Manual-2554906.pdf>

Related Manuals:

1. **Micro Air Vibrating Mesh Nebulizer NE-U22V User Manual** Micro Air Vibrating Mesh Nebulizer NE-U22V User Manual - Optimized...
2. **Kalarstein Wonderwall Air Art Smart User Manual** Kalarstein Wonderwall Air Art Smart User Manual - Optimized PDF...
3. **Samsung Front Control Slide-in Electric Range with Smart Dial & Air Fry [NE63T8711SS] User Manual** NE63T8711SS Samsung Front Control Slide-in Electric Range with Smart Dial...
4. **Samsung Front Control Slide-in Gas Range with Smart Dial & Air Fry NX60T8711SS Oven User Manual** Samsung Front Control Slide-in Gas Range with Smart Dial &...
5. **Samsung Front Control Slide-in Gas Range with Smart Dial & Air Fry NX60T8711SS Oven User Manual** NX60T8711SS Samsung Front Control Slide-in Gas Range with Smart Dial...
6. **Breville LAP300 Smart Air Purifier Instruction Manual** the Smart Air™ Purifier Instruction Book - LAP300 BREVILLE RECOMMENDS...