



REVISION TABLE

Change Point	Ref. PN.	PN.	Part Description	Date	Change Notes	Author
		MP-0000067761	QIG, 4960, Generic, EN, Color, Multi, R0, v0	17.02.2020	Initial Release	MB

Printing Colors

BACKGROUND'S COLOR



C:60,M:60,Y:40,K:100



C:0,M:85,Y:100,K:0



PANTONE 432C



PANTONE 871 C

Air 4960 Multi Pack Generic QIG (Printed Material Specification)

Dimension after binding	A6
Pages	12 pages
Cover Printing Color	colour printing
Inner Printing Color	colour printing
Cover page Material	128g copperplate paper
Inner pages Material	128g copperplate paper
Cover Pages Coating	varnishing
Inner pages Coating	varnishing
Binding & Folding Process	Booklet
Output lpi	200 Lpi
Tolerance	L*W:31mm
PART NUMBER	MP-0000067761



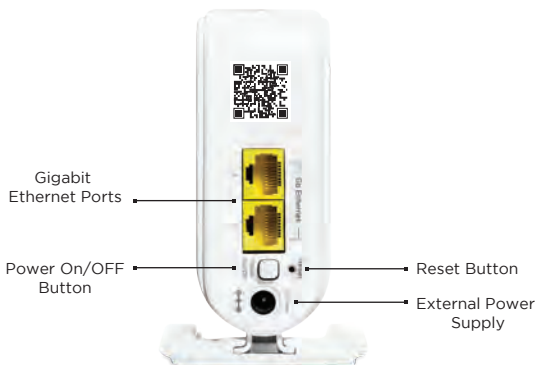
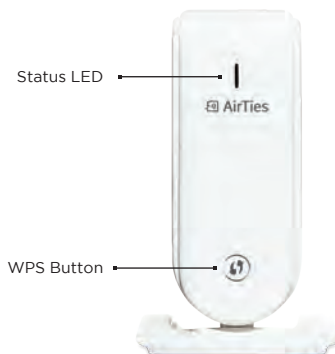
Air 4960

5400 Mbps 11ax
Wi-Fi Mesh
Extender



USER MANUAL

PORTS and BUTTONS





Please remove protective plastic cover from the products before installation.

INSTALLATION

To install the AirTies Wireless devices, please download **“AirTies Vision”** application on your mobile device.

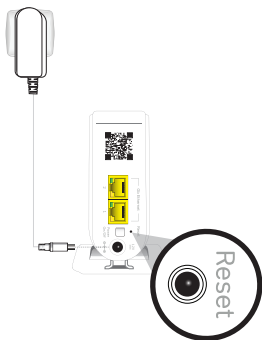
Please follow the instructions on your mobile application to complete your setup.



TIPS FOR BEST PERFORMANCE:

- Keep devices away from:
 - Potential sources of electrical interference. Equipment that may potentially cause interference include home security systems, microwaves and consumer electronic devices.
 - Large metal surfaces and objects.
 - Sources and areas of heat such as ovens and sun rooms as well as direct sun light.
- Please make sure to remove the protective plastic covers used on the device before first use
- Please use the device in upright position. The openings are provided for ventilation, do not block or cover openings.
- Your device is designed to work indoors and under room temperature conditions only. Avoid placing the device to very cold, very hot, very humid or very dry locations inside your home.”

RETURNING TO FACTORY SETTINGS



To return the device to factory settings, press down on the reset button (in the small opening on the back shown above) for 5 seconds and release. A metal paperclip (with an extended tip) or strong toothpick are typically good choices for this task. When the reset process is triggered, the LED in the front will “blink rapidly” and the device will reboot to factory settings.

PRODUCT NOTICES

- Operational modes:
2.4 GHz: 802.11b, 802.11g, 802.11n (HT20), 802.11n (HT40), 802.11ac (VHT20), 802.11ac (VHT40), 802.11ax (HE20), 802.11ax (HE40)
5 GHz: 802.11a, 802.11n (HT20), 802.11n (HT40), 802.11ac (VHT20), 802.11ac (VHT40), 802.11ac (VHT80), 802.11ac (VHT160), 802.11ax (HE20), 802.11ax (HE40), 802.11ax (HE80), 802.11ax (HE160)
- Maximum power consumption of networked standby mode is 4.50 W.
- This device is restricted for indoor use.

Hereby, **[AirTies Wireless Networks]** declares that the radio equipment type **[Air 4960]** is in compliance with **Directive 2014/53/EU**.

The full text of the EU declaration of conformity is available at the following internet address:
<http://www.airties.com/declarations-of-conformity.html>

This product makes use of software developed by the open source community. Any such software is licensed under the specific license terms applicable to that particular software (like GPL, LGPL etc). Detailed information on the applicable licenses and license terms can be found on the device's user interface.

By using this product, you acknowledge that you have reviewed such license terms and that you agree to be bound by them. Where such terms entitle you to the source code of said software, that source code will be made available at cost upon request from AirTies.

To obtain a copy of said source code, please send your request in writing via email to osrb@airties.com or via snail mail to:

AirTies Wireless Communications
Mithat Uluönlü Sokak No. 23 Esentepe,
P.K. 34394 Şişli İSTANBUL/Turkey

AirTies will mail to you a CD with the requested source code at the cost of CD preparation and shipping&handling. For details please contact osrb@airties.com

TROUBLESHOOTING

Condition	LED Color	LED Behavior	Timing
Power OFF	OFF	-	
Power ON, booting	White	Blinking	
Wireless network healthy	Green	Blinking	50 milliseconds OFF 5 seconds ON
Device configured as single wireless access point	Green	Solid	
Unconfigured mesh device	Blue	Blinking	4 seconds OFF 4 seconds ON
Weak connection to the wireless mesh network	Red	Solid	
Cannot connect to the wireless mesh network	Red	Blinking	1 second OFF 1 second ON
Software upgrade	Blue	Blinking	1/2 second OFF 1/2 second ON

Explanation	Recommended Action(s)
Device is turned off	Make sure the power button on the back is pressed and power supply unit is connected to the device
	No action required. If the device was just powered on, please wait for at least 2 minutes for the device to boot up.
LED is steady green with a short blink every 5 seconds	No action required.
Device is connected to the router/gateway with an ethernet cable and acts as a wireless access point. No other mesh devices are configured in the network.	No action required, more mesh devices can be added to the wireless mesh network if needed.
Device is not configured and connected to the wireless mesh network	Configure the device using AirTies Vision app.
	Bring device closer to another device in the wireless mesh network.
Device is part of wireless mesh network but unable to find any of its mesh partners.	Make sure other device(s) that are part of the wireless mesh network are powered on and close enough to connect.
Device is retrieving the latest software	Wait for the upgrade to complete. Device will automatically start with the latest software

For more information:

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

AT	AW	BE	BG	CA	CH	CY	CZ
DE	DK	EE	ES	FI	FR	GB	HU
IE	IS	IT	LT	LU	NL	NO	PL
PT	SE	SI	SK	TR	US		



FCC ID: Z3WAIR4960

MP-0000067761



REV17022020



REVISION TABLE

Change Point	Ref. PN.	PN.	Part Description	Date	Change Notes	Author
		MP-0000068362	FCC, 4960, Generic, EN, Color, Multil, R0, v0	24.01.2020	Initial Release	MB
	MP-0000068362	MP-00000XXXXX	FCC, 4960, Generic, EN, Color, Multil, R1, v0	19.02.2020	Added IC text on the back.	MB

Air 4960 / US / GENERIC / FCC STATEMENT (Printed material Specification)

Flat dimension	105x148mm
Dimension after binding	A6 (105mm*148mm)
Pages	One page / Double sided
Cover Printing Color	Colour Printing
Inner Printing Color	Colour Printing
Cover Page Material	105 gr copperplate paper
Inner Pages Material	-
Cover Page Coating	Glossy Varnish
Inner Pages Coating	-
Binding & Folding Process	-
Printing Technique	Offset printing
Output lpi	200Lpi
Size Tolerance	L*W: +0,5/-0,5mm.
Color Tolerance	ΔE=2 for Pantone ΔE=3 for CMYK
Part Number	MP-00000XXXXX

Printing Colors



C:0,M:0,Y:0,K:100



C:6,M:0,Y:97,K:0



C:0,M:100,Y:100,K:0

Wireless Regulatory Information

FCC Statement:

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS: (1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRABLE OPERATION.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC CAUTION:

The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

IEEE 802.11b/g/n/ac/ax operation of the product in the USA is firmware limited to channels 1-11 for the 2.4 GHz radio.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body. This device and its antennas(s) must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures. This device is restricted for indoor use.

SAFETY WARNINGS:

- Do not use this product near water, for example, in a wet basement or near a swimming pool
- Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.



WARNING:

Cancer and Reproductive Harm - www.P65Warnings.ca.gov

IC Statement :

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil contient des émetteurs / récepteurs exempts de licence qui sont conformes au (x) RSS (s) exemptés de licence d'Innovation, Sciences et Développement économique Canada. L'opération est soumise aux deux conditions suivantes:

- (1) Cet appareil ne doit pas provoquer d'interférences.*
- (2) Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.*

The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.

les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

For indoor use only.

Pour une utilisation en intérieur uniquement.

IMPORTANT NOTE:**IC Radiation Exposure Statement:**

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

MP-00000XXXXX



REV19022020