



*air*Fiber[®] 5X HD

5 GHz Carrier Radio
with LTU Technology

Model: AF-5XHD

QUICK START GUIDE

Introduction

Thank you for purchasing the Ubiquiti Networks® airFiber® AF-5XHD. This Quick Start Guide is designed to guide you through installation. Warranty terms, safety notices, and compliance information are in the airFiber AF-5XHD User Guide, available at: www.ubnt.com/download/airfiber

Package Contents



airFiber AF-5XHD



GPS Antenna Mount



External GPS Antenna



Metal Strap



Cable Ties
(Qty. 2)



Universal Bracket



Gigabit PoE (24V, 1A)
with Mounting Bracket



Power Cord



Quick Start Guide

TERMS OF USE: Ubiquiti radio devices must be professionally installed. Shielded Ethernet cable and earth grounding must be used as conditions of product warranty. TOUGHcable™ is designed for outdoor installations. It is the professional installer's responsibility to follow local country regulations, including operation within legal frequency channels, output power, and Dynamic Frequency Selection (DFS) requirements.

Antenna Compatibility

The airFiber AF-5XHD radio is designed for use with the following airFiber X antenna models:

- AF-5G23-S45
- AF-5G30-S45
- AF-5G34-S45

The AF-5XHD can also operate with the following RocketDish™ antenna models:

- RD-5G30*
- RD-5G34*

* Requires *Universal Bracket* (included) or *AF-5G-OMT-S45 Conversion Kit* (not included).

Installation Requirements

- Clear line of sight between airFiber radios
- Clear view of the sky for proper GPS operation
- Vertical mounting orientation
- Mounting point:
 - At least 1 m below the highest point on the structure
 - For tower installations, at least 3 m below the top of the tower
- Ground wires – min. 10 AWG (5 mm²) and max. length: 1 m. As a safety precaution, ground the airFiber radio to grounded masts, poles, towers, or grounding bars.



WARNING: Failure to properly ground your airFiber radio will void your warranty.

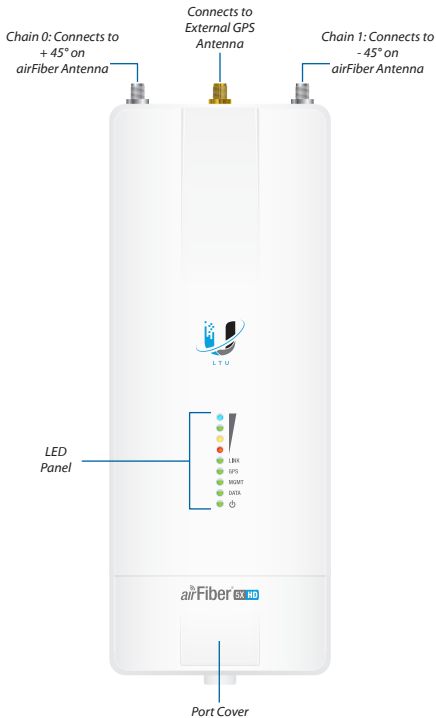
- (Recommended) 2 Outdoor Gigabit PoE surge protectors



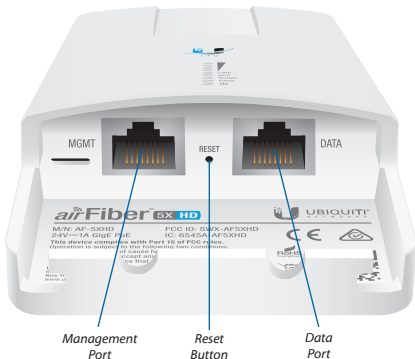
Note: For guidelines about grounding and lightning protection, follow your local electrical regulatory codes.

- Outdoor, shielded Category 6 (or above) cabling and shielded RJ-45 connectors are required for all wired Ethernet connections.

Hardware Overview



Ports







Management Port 10/100/1000 Mbps, secured Ethernet port for configuration. *In-Band Management* is enabled by default in the airFiber Configuration Interface. When *In-Band Management* is disabled, the *MGMT* port is the only port that can monitor, configure, and/or update firmware. This port can also be used to provide redundant PoE power.

Reset Button To reset to factory defaults, press and hold the *Reset* button for more than 10 seconds while the device is already powered on.

Data Port Gigabit PoE port for handling all user traffic and powering the device.

LEDs





Signal LEDs

-  **Signal 4** LED will light blue when on.
-  **Signal 3** LED will light green when on.
-  **Signal 2** LED will light yellow when on.
-  **Signal 1** LED will light red when on.

Bootup to airOS When powering on, the *Power, GPS, LINK,* and *Signal 1-4* LEDs light on. Once the CPU code takes over, the *GPS, LINK,* and *Signal 1-3* LEDs turn off. *Signal 4* LED remains on to indicate the boot sequence is underway.


Initializing airFiber Software When the airFiber application begins to boot under airOS, the *Signal 4* LED goes from solidly on to a 2.5 Hz flash. This continues until the AF-5XHD is fully booted.

Signal Level Once fully booted, the *Signal 1-4* LEDs act as a bar graph showing how close the AF-5XHD is to ideal aiming. This is auto-scaled based on the link range, the antenna gains, and the configured TX power of the remote AF-5XHD. Each *Signal* LED has three possible states: *On, Flashing,* and *Off.* All *Signal* LEDs would be solidly on in an ideal link. If the link has a 1 dB loss, the *Signal 4* LED will flash; a 2 dB loss and the *Signal 4* LED will turn off. The full bar graph LED states are shown below.

dB loss	0	-1	-2	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12	-13
	1	F	0	0	0	0	0	0	0	0	0	0	0	0
	1	1	1	F	0	0	0	0	0	0	0	0	0	0
	1	1	1	1	1	F	F	0	0	0	0	0	0	0
	1	1	1	1	1	1	1	1	1	1	F	F	F	0

0 = Off, 1 = On, F = Flashing

Additional LEDs

LED	State	Status
LINK	Off	RF Off
	Short Flash*	Syncing
	Normal Flash*	Beaconing
	Long Flash*	Registering
	On	Operational
GPS	Off	No GPS Synchronization
	Normal Flash*	Non-Operational (Weak Signal)
	On	Operational (Strong Signal)
MGMT	Off	No Ethernet Link
	On	Ethernet Link Established
	Random Flash	Ethernet Activity
DATA	Off	No Ethernet Link
	On	Ethernet Link Established
	Random Flash	Ethernet Activity
	Off	No Power
	On	Powered On

- * Short Flash (1:3 on/off cycle)
- Normal Flash (1:1 on/off cycle)
- Long Flash (3:1 on/off cycle)



640-00338-01

Installation Overview

We recommend that you configure your paired AF-5XHD radios before site installation. The overview below summarizes the installation procedure, and the subsequent sections provide detailed installation information.

- Connect the *airFiber PoE Adapter* to the *DATA* port, and connect your computer to the *MGMT* port.
- Configure the AF-5XHD.
- Install a ground wire and mount the AF-5XHD on an airFiber X or RocketDish antenna.
- At the installation site, install the airFiber X or RocketDish antenna with the mounted AF-5XHD radio (see the antenna's Quick Start Guide for installation instructions).
- Secure the ground wire and mount the GPS antenna.
- Establish and optimize the RF link.

Connecting Power over Ethernet

1. Lift the release latch on the bottom of the AF-5XHD and slide the *Port Cover* off.



2. Connect an Ethernet cable to the *DATA* port.

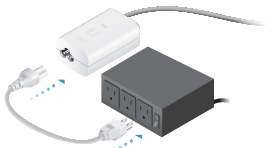


3. Connect the Ethernet cable from the *DATA* port of the AF-5XHD to the **POE** port of the adapter.

! **WARNING:** Use only the included adapter, model **GP-H240-100G-WH-03**. Failure to do so can damage the unit and void the product warranty.



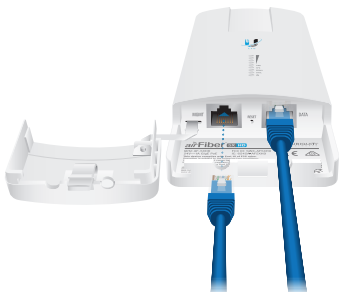
4. Connect the *Power Cord* to the adapter's power port. Connect the other end of the *Power Cord* to a power outlet.



airFiber Configuration

The instructions in this section explain how to access the airFiber Configuration Interface and configure the following settings:

- **Wireless Mode** Configure one AF-5XH-D as the *AP* and the other as the *CPE*.
 - **Frequency Setting** The operating *Frequency* must be the same on both the AP and the CPE.
1. Connect an Ethernet cable from your computer to the *MGMT* port on the AF-5XH-D.



2. Configure the Ethernet adapter on your computer with a static IP address on the 192.168.1.x subnet.
3. Launch your web browser. Type **http://192.168.1.20** in the address field and press **enter** (PC) or **return** (Mac).



- The login screen will appear. Enter **ubnt** in the *Username* and *Password* fields. Select your *Country* and *Language*. You must agree to the *Terms of Use* to use the product. Click **Login**.



Note: U.S. product versions are locked to the U.S. Country Code to ensure compliance with FCC regulations.

- Click the **Wireless** tab.
- Configure the *Basic Wireless Settings*:
 - For one AF-5XHD, select **AP PTP** as the *Wireless Mode*. For the other AF-5XHD, select **CPE PTP** as the *Wireless Mode*.
 - Enter a name in the *SSID* field. This should be the same on both the AP and the CPE.
 - Select **USA** for the *Country* code to ensure compliance with FCC regulations.
 - Change the *Distance Scale* to be larger than the anticipated distance between the AP and CPE.
 - If needed, change the *Channel Width*, *Frequency*, *Output Power (EIRP)*, *Antenna Gain*, and *Maximum TX Modulation* settings. The *Channel Width* and *Frequency* should be the same on both the AP and the CPE.
- Configure the *Wireless Security*:
 - Select **WPA2-AES** for the *Security* mode.
 - Select **PSK** for the WPA Authentication mode.
 - In the *WPA Preshared Key* field, enter a combination of alphanumeric characters (0-9, A-Z, or a-z).



Note: Currently only ASCII mode is supported.

- Configure the *Advanced* wireless settings:
 - Enter the **Duty Cycle** on the AP.
 - Enter the **Frame Length** on both the AP and the CPE. This should be the same on both the AP and the CPE.
- Click **Save Changes**.

10. Configure each airFiber radio with a unique IP address for the *DATA* port:
 - a. Click the **Network** tab.
 - b. For both the *Data LAN Address* and *Management IP Address* options:
 - **DHCP** Keep the default, *DHCP*, to use DHCP reservation on your router to assign a unique *IP Address*.
 - **Static** Change the *IP Address*, *Netmask*, and other settings to make them compatible with your network.
 - c. Enable the Ethernet Carrier Drop settings if needed.
 - d. Click **Save Changes**.

Repeat the instructions in the *airFiber Configuration* section on the other AF-5XHD radio.

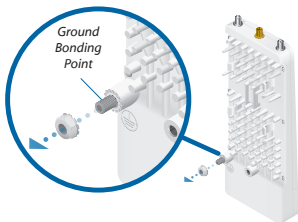
For details on the airFiber Configuration Interface, refer to the airFiber AF-5XHD User Guide, available at:

www.ubnt.com/download/airfiber

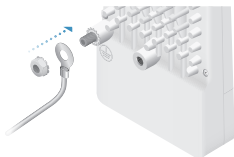
Hardware Installation

Install a Ground Wire

1. Remove the nut from the *Ground Bonding Point* located on the back of the AF-5XHD.



2. Attach a ground wire (min. 10 AWG or 5 mm²) to the lug and replace the nut to secure the wire.




3. At the installation site, secure the other end of the ground wire to a grounded mast, pole, tower, or grounding bar.

! **WARNING:** Failure to properly ground your airFiber radio will void your warranty.

📄 **Note:** The ground wire should be as short as possible and no longer than one meter in length.

Mount to an airFiber X Antenna

Follow the instructions in this section to mount the AF-5XHD to an airFiber X antenna or to a RocketDish antenna equipped with the AF-5G-OMT-S45 Conversion Kit.

 **Note:** To mount the AF-5XHD to a RocketDish using the included *Universal Bracket*, see the *Mount to a RocketDish Antenna* section.

The airFiber X antenna AF-5G23-S45 is shown in this section:

1. Attach the airFiber X radio to the antenna by aligning the four tabs on the back of the radio with the slots of the radio mount. Then slide the radio down to lock it into place.



2. Attach the RF connectors to the radio in this combination: $+45^\circ$ to Chain 0 and -45° to Chain 1. Then slide the jackets over the RF connectors to protect them.




3. Attach the external GPS antenna (included with the radio) to the RF connector labeled *GPS* on the radio.



4. Attach the *Protective Shroud* by sliding it down over the radio until it locks into the radio mount.

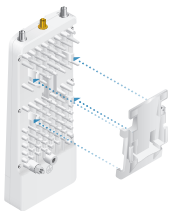


Mount to a RocketDish Antenna

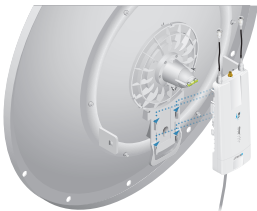
 **Note:** If you are mounting the AF-5XHD on a RocketDish equipped with the AF-5G-OMT-S45 Conversion Kit, the *Universal Bracket* is not needed. Refer instead to the *Mount to an airFiber X Antenna* section for instructions.

The RocketDish RD-5G30 antenna is shown in this section:

1. Position the *Universal Bracket* over the back of the AF-5XHD with the bracket clips over the AF-5XHD mounting tabs.
2. Push the bracket onto the AF-5XHD until it locks in place.



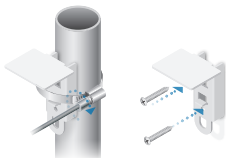
3. Attach the AF-5XHD to the RocketDish mounting bracket.
 - a. Align the mounting tabs on the *Universal Bracket* with the RocketDish mounting bracket.
 - b. Slide the AF-5XHD down to lock it into place.



Mount the External GPS Antenna

Locate a mounting point that has a clear view to the sky, and is above and as far away as possible from the AF-5XHD.

1. Attach the *GPS Antenna Mount* to the pole using the metal strap, or attach it to a wall using the appropriate fasteners (not included).



2. Place the *External GPS Antenna* on the mount.

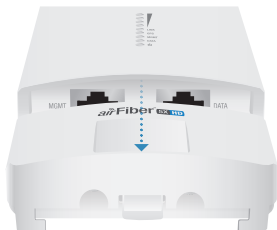


3. Secure the cable of the *External GPS Antenna* to the mount with a *Cable Tie*.

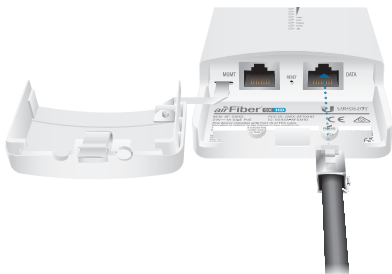


Connecting Power over Ethernet

1. Lift the release latch on the bottom of the AF-5XHD and slide the *Port Cover* off.



2. Connect an outdoor, shielded Ethernet cable to the *DATA* port.



3. Connect the Ethernet cable from the *DATA* port of the AF-5XHD to the **POE** port of the adapter.



WARNING: Use only the included adapter, model **GP-H240-100G-WH-03**. Failure to do so can damage the unit and void the product warranty.

4. Connect an Ethernet cable from your LAN to the adapter's **LAN** port.
5. Connect the *Power Cord* to the adapter's power port. Connect the other end of the *Power Cord* to a power outlet.



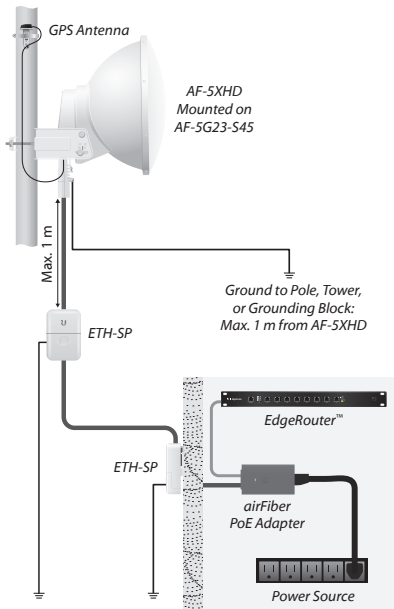
Mount the PoE Adapter (Optional)

1. Remove the *Mounting Bracket* from the adapter, place the bracket at the desired location, and mark the two holes.
2. Pre-drill the holes if necessary, and secure the bracket using two fasteners (not included).
3. Align the adapter's slots with the tabs of the *Mounting Bracket*, and then slide the adapter down.



Surge Protection

For added protection, install two surge suppressors, such as the Ubiquiti Ethernet Surge Protector, model ETH-SP, at the end of each link. Install the first surge protector within one meter of the airFiber *DATA* port, and install the second surge protector at the ingress point of the location housing the wired network equipment.




Alignment

Tips

- To accurately align the airFiber radios for best performance, you **MUST** align only one end of the link at a time.
- You may need to use additional hardware to compensate for issues such as the improper orientation of a mounting pole or significant elevation differences between airFiber radios.

Establishing a Link

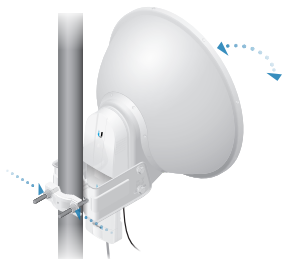
Adjust the positions of the *AP* and the *CPE* to establish a link. The following section features the airFiber X antenna, AF-5G23-S45:

 **Note:** The *AP* must be aimed first at the *CPE* because the *CPE* does not transmit any RF signal until it detects transmissions from the *AP*.

1. **AP** Visually aim the *AP* at the *CPE*. To adjust the *AP*'s position, adjust the azimuth and the elevation.

Adjust the azimuth:


- a. Loosen the two *Flange Nuts* on the *U-Bolt*.
- b. Rotate the antenna to point towards the other end of the link.
- c. Tighten the two *Flange Nuts*.



The elevation angle may be adjusted $\pm 15^\circ$. Adjust the elevation angle:

- d. Loosen the four *Hex Bolts* on both sides of the antenna.
- e. Pivot the antenna to the desired elevation.
- f. Tighten the four *Hex Bolts*.





 **Note:** Do NOT make simultaneous adjustments on the AP and CPE.

2. **CPE** Visually aim the CPE at the AP. To adjust the CPE's position, adjust the azimuth and elevation as described in step 1.
3. Check to see if a link is established. Ensure that the *LINK* LED is solidly lit green and the *Signal* LEDs of the CPE are displaying signal levels.



4. **CPE** Aim the CPE at the AP to achieve the strongest signal level on the AP.

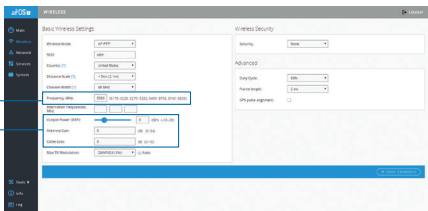
 **Note:** Refer to the *Signal LEDs* section for details on the signal values.

 **Note:** Maximum signal strength can best be achieved by iteratively sweeping through both azimuth and elevation.

5. **AP** Aim the *AP* at the *CPE* to achieve the strongest signal level on the *CPE*.
6. Repeat steps 4 and 5 until you achieve an optimal link, with all four *Signal* LEDs solidly lit. This ensures the best possible data rate between the airFiber radios.
7. Lock the alignment on both airFiber antennas by tightening all the nuts and bolts.
8. Observe the *Signal* LEDs of each airFiber radio to ensure that the values remain constant while tightening the nuts and bolts. If any LED value changes during the locking process, loosen the nuts and bolts, finalize the alignment of each airFiber antenna again, and retighten the nuts and bolts.

Installer Compliance Responsibility

Devices must be professionally installed and it is the professional installer's responsibility to make sure the device is operated within local country regulatory requirements.



The *Frequency*, *Output Power*, *Antenna Gain*, and *Cable Loss* fields are provided to the professional installer to assist in meeting regulatory requirements.

Specifications

AF-5XHD	
Dimensions	224 x 82 x 48 mm (8.82 x 3.23 x 1.89")
Weight	0.35 kg (0.77 lb)
RF Connectors	(2) RP-SMA Weatherproof (CH0, CH1) (1) SMA Weatherproof (GPS)
GPS Antenna	External, Magnetic Base
Power Supply	24V, 1A PoE Gigabit Adapter (Included)
Power Method	Passive Power over Ethernet
Networking Interface	
Data Port	(1) 10/100/1000 Ethernet Port
Management Port	(1) 10/100/1000 Ethernet Port
Bluetooth	Bluetooth v4.0
Mounting	Rocket Mount Compatible GPS Pole Mount (Included)
Operating Temperature	-40 to 55° C (-40 to 131° F)
Certifications	FCC Part 15.407 CE EN 302502 v1.2.1, EN 301 893 v1.7.1
System	
Maximum Throughput	1 Gbps
Encryption	128-bit and 256-bit AES
OS	airOS 8
Wireless Modes	AP/CPE
Radio	
Operating Frequency	5150-5925 MHz (Depends on Regulatory Region)
Max. Conducted TX Power	26 dBm (Depends on Regulatory Region)
Frequency Accuracy	± 2.5 ppm without GPS Synchronization ± 0.2 ppm with GPS Synchronization
Channel Bandwidth	10/20/30/40/50/60/80/100 MHz Selectable Programmable Uplink and Downlink Duty Cycles

Installer Compliance Responsibility

Devices must be professionally installed and it is the professional installer's responsibility to make sure the device is operated within local country regulatory requirements.

FCC

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 undesired 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.

Operations of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This radio transmitter (FCC: SWX-AF5XHD) has been approved by FCC to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

- Omni antenna, gain: Up to 13 dBi
- Sector antenna, gain: Up to 22 dBi
- Dish antenna, gain: Up to 34 dBi

DFS Regulatory Regions

Operation in DFS regulatory regions requires an antenna with minimum gain of 23 dBi.

ISED Canada

CAN ICES-3(B)/NMB-3(B)

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

This device complies with ISED Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

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

This radio transmitter (IC: 6545A-AF5XHD) has been approved by ISED Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

- Omni antenna, gain: Up to 13 dBi
- Sector antenna, gain: Up to 22 dBi
- Dish antenna, gain: Up to 34 dBi

CAN ICES-3(B)/NMB-3(B)

Pour réduire le risque d'interférence aux autres utilisateurs, le type d'antenne et son gain doivent être choisis de façon que la puissance isotrope rayonnée équivalente (PIRE) ne dépasse pas ce qui est nécessaire pour une communication réussie.

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. Cet appareil ne peut pas provoquer d'interférences et
2. Cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif.

Le présent émetteur radio (IC: 6545A-AF5XHD) a été approuvé par ISDE Canada pour l'exploitation avec l'antenne types énumérés ci-dessous avec le gain maximal admissible et requis l'impédance de l'antenne pour chaque type d'antenne indiqué. Types d'antenne non inclus dans cette liste, ayant un gain supérieur au gain maximal indiqué pour ce type, sont strictement interdits pour une utilisation avec cet appareil.

- Antenne omnidirectionnelle, gain: Jusqu'à 13 dBi
- Antenne secteur, gain: Jusqu'à 22 dBi
- Antenne parabolique, gain: Jusqu'à 34 dBi

RF Exposure Warning

The antennas used for this transmitter must be installed to provide a separation distance of at least 126 cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter.

Les antennes utilisées pour ce transmetteur doivent être installées en considérant une distance de séparation de toute personne d'au moins 126 cm et ne doivent pas être localisées ou utilisées en conflit avec toute autre antenne ou transmetteur.

Australia and New Zealand



Warning: This is a Class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

CE Marking

CE marking on this product represents the product is in compliance with all directives that are applicable to it.



RoHS/WEEE Compliance Statement



English

European Directive 2012/19/EU requires that the equipment bearing this symbol on the product and/or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product should be disposed of separately from regular household waste streams. It is your responsibility to dispose of this and other electric and electronic equipment via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about the disposal of your old equipment, please contact your local authorities, waste disposal service, or the shop where you purchased the product.

Deutsch

Die Europäische Richtlinie 2012/19/EU verlangt, dass technische Ausrüstung, die direkt am Gerät und/oder an der Verpackung mit diesem Symbol versehen ist, nicht zusammen mit unsortiertem Gemeindeabfall entsorgt werden darf. Das Symbol weist darauf hin, dass das Produkt von regulärem Haushaltsmüll getrennt entsorgt werden sollte. Es liegt in Ihrer Verantwortung, dieses Gerät und andere elektrische und elektronische Geräte über die dafür zuständigen und von der Regierung oder örtlichen Behörden dazu bestimmten Sammelstellen zu entsorgen. Ordnungsgemäßes Entsorgen und Recyceln trägt dazu bei, potentielle negative Folgen für Umwelt und die menschliche Gesundheit zu vermeiden. Wenn Sie weitere Informationen zur Entsorgung Ihrer Altgeräte benötigen, wenden Sie sich bitte an die örtlichen Behörden oder städtischen Entsorgungsdienste oder an den Händler, bei dem Sie das Produkt erworben haben.

Español

La Directiva 2012/19/UE exige que los equipos que lleven este símbolo en el propio aparato y/o en su embalaje no deben eliminarse junto con otros residuos urbanos no seleccionados. El símbolo indica que el producto en cuestión debe separarse de los residuos domésticos convencionales con vistas a su eliminación. Es responsabilidad suya desechar este y cualesquiera otros aparatos eléctricos y electrónicos a través de los puntos de recogida que ponen a su disposición el gobierno y las autoridades locales. Al desechar y reciclar correctamente estos aparatos estará contribuyendo a evitar posibles consecuencias negativas para el medio ambiente y la salud de las personas. Si desea obtener información más detallada sobre la eliminación segura de su aparato usado, consulte a las autoridades locales, al servicio de recogida y eliminación de residuos de su zona o pregunte en la tienda donde adquirió el producto.

Français

La directive européenne 2012/19/UE exige que l'équipement sur lequel est apposé ce symbole sur le produit et/ou son emballage ne soit pas jeté avec les autres ordures ménagères. Ce symbole indique que le produit doit être éliminé dans un circuit distinct de celui pour les déchets des ménages. Il est de votre responsabilité de jeter ce matériel ainsi que tout autre matériel électrique ou électronique par les moyens de collecte indiqués par le gouvernement et les pouvoirs publics des collectivités territoriales. L'élimination et le recyclage en bonne et due forme ont pour but de lutter contre l'impact néfaste potentiel de ce type de produits sur l'environnement et la santé publique. Pour plus d'informations sur le mode d'élimination de votre ancien équipement, veuillez prendre contact avec les pouvoirs publics locaux, le service de traitement des déchets, ou l'endroit où vous avez acheté le produit.

Italiano

La direttiva europea 2012/19/UE richiede che le apparecchiature contrassegnate con questo simbolo sul prodotto e/o sull'imballaggio non siano smaltite insieme ai rifiuti urbani non differenziati. Il simbolo indica che questo prodotto non deve essere smaltito insieme ai normali rifiuti domestici. È responsabilità del proprietario smaltire sia questi prodotti sia le altre apparecchiature elettriche ed elettroniche mediante le specifiche strutture di raccolta indicate dal governo o dagli enti pubblici locali. Il corretto smaltimento ed il riciclaggio aiuteranno a prevenire conseguenze potenzialmente negative per l'ambiente e per la salute dell'essere umano. Per ricevere informazioni più dettagliate circa lo smaltimento delle vecchie apparecchiature in Vostro possesso, Vi invitiamo a contattare gli enti pubblici di competenza, il servizio di smaltimento rifiuti o il negozio nel quale avete acquistato il prodotto.

Declaration of Conformity

български [Bulgarian] С настоящото UBIQUITI NETWORKS декларира, че този тип радиосъоръжение AF-5XHD е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: **www.ubnt.com/compliance**

Hrvatski [Croatian] UBIQUITI NETWORKS ovime izjavljuje da je radijska oprema tipa AF-5XHD u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: **www.ubnt.com/compliance**

Čeština [Czech] Tímto UBIQUITI NETWORKS prohlašuje, že typ rádiového zařízení AF-5XHD je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: **www.ubnt.com/compliance**

Dansk [Danish] Hermed erklærer UBIQUITI NETWORKS, at radioudstyrstypen AF-5XHD er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: **www.ubnt.com/compliance**

Nederlands [Dutch] Hierbij verklaar ik, UBIQUITI NETWORKS, dat het type radioapparatuur AF-5XHD conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: **www.ubnt.com/compliance**

English Hereby, UBIQUITI NETWORKS declares that the radio equipment type AF-5XHD is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: **www.ubnt.com/compliance**

Eesti keel [Estonian] Käesolevaga deklareerib UBIQUITI NETWORKS, et käesolev raadioseadme tüüp AF-5XHD vastab direktiivi 2014/53/EL nõuetele. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: **www.ubnt.com/compliance**

Suomi [Finnish] UBIQUITI NETWORKS vakuuttaa, että radiolaitetyypin AF-5XHD on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: **www.ubnt.com/compliance**

Français [French] Le soussigné, UBIQUITI NETWORKS, déclare que l'équipement radioélectrique du type AF-5XHD est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: **www.ubnt.com/compliance**

Deutsch [German] Hiermit erkläre UBIQUITI NETWORKS, dass der Funkanlagentyp AF-5XHD der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: **www.ubnt.com/compliance**

Ελληνικά [Greek] Με την παρούσα ο/η UBIQUITI NETWORKS, δηλώνει ότι ο ραδιοεξοπλισμός AF-5XHD πληροί την οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: **www.ubnt.com/compliance**

Magyar [Hungarian] UBIQUITI NETWORKS igazolja, hogy a AF-5XHD típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: www.ubnt.com/compliance

Íslenska [Icelandic] Hér með lýsir UBIQUITI NETWORKS yfir því að AF-5XHD er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU. Fullur texti ESB samræmisýrirlýsing er að finna á eftirfarandi netfangi: www.ubnt.com/compliance

Italiano [Italian] Il fabbricante, UBIQUITI NETWORKS, dichiara che il tipo di apparecchiatura radio AF-5XHD è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: www.ubnt.com/compliance

Latvīu kalba [Latvian] Ar šo UBIQUITI NETWORKS deklarē, ka radioiekārta AF-5XHD atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: www.ubnt.com/compliance

Lietuvių kalba [Lithuanian] Aš, UBIQUITI NETWORKS, patvirtinu, kad radijo įrenginių tipas AF-5XHD atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: www.ubnt.com/compliance

Malti [Maltese] B'dan, UBIQUITI NETWORKS, niddikjara li dan it-tip ta' tagħmir tar-radju AF-5XHD huwa konformi mad-Direttiva 2014/53/UE. Id-dikjarazzjoni tal-konformità tista' tiġi kkonsultata minn www.ubnt.com/compliance

Norsk [Norwegian] UBIQUITI NETWORKS erklærer herved at utstyret AF-5XHD er i samsvar med de grunnleggende krav og øvrige relevante krav i direktiv 2014/53/EU. Den fulle teksten til EU-samsvarserklæringen er tilgjengelig på følgende internettadresse: www.ubnt.com/compliance

Polski [Polish] UBIQUITI NETWORKS niniejszym oświadczam, że typ urządzenia radiowego AF-5XHD jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: www.ubnt.com/compliance

Português [Portuguese] O(a) abaixo assinado(a) UBIQUITI NETWORKS declara que o presente tipo de equipamento de rádio AF-5XHD está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: www.ubnt.com/compliance

Română [Romanian] Prin prezenta, UBIQUITI NETWORKS declară că tipul de echipamente radio AF-5XHD este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: www.ubnt.com/compliance

Slovenčina [Slovak] UBIQUITI NETWORKS týmto vyhlasuje, že rádiové zariadenie typu AF-5XHD je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: www.ubnt.com/compliance

Slovenščina [Slovenian] UBIQUITI NETWORKS potrjuje, da je tip radijske opreme AF-5XHD skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: www.ubnt.com/compliance

Español [Spanish] Por la presente, UBIQUITI NETWORKS declara que el tipo de equipo radioeléctrico AF-5XHD es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: www.ubnt.com/compliance

Svenska [Swedish] Härmed försäkras UBIQUITI NETWORKS att denna typ av radioutrustning AF-5XHD överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: www.ubnt.com/compliance

Online Resources

Website www.ubnt.com

Support help.ubnt.com

Community community.ubnt.com

Downloads downloads.ubnt.com



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