



airFiber[®] 11FX

11 GHz FDD
Backhaul Radio

Models: AF-11FX-H, AF-11FX-L

QUICK START GUIDE

Introduction

Thank you for purchasing the Ubiquiti Networks® airFiber® AF-11FX. This Quick Start Guide is designed to guide you through installation.

Package Contents



airFiber AF-11FX



Duplexer¹



Cable Ties
(Qty. 2)



airFiber Gigabit PoE
(50V, 1.2A)



Power Cord



Quick Start Guide

1. High-band Duplexer (AF-11FX-H) or low-band Duplexer (AF-11FX-L)

TERMS OF USE: Ubiquiti radio devices must be professionally installed. Shielded Ethernet cable and earth grounding must be used as conditions of product warranty. TOUGH Cable™ is designed for outdoor installations. It is the customer'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-11FX radio is designed for use with the following airFiber X antenna models:

- AF-11G36¹

Installation Requirements

- Clear line of sight between airFiber radios
- 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

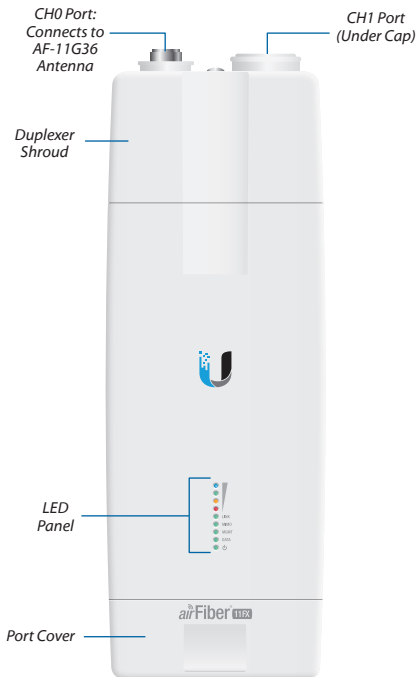


Note: For guidelines about grounding and lightning protection, follow your local electrical regulatory codes.

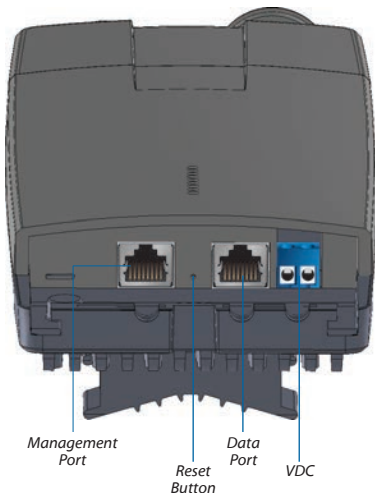
- (Optional) DC power source (if not using PoE)
- Outdoor, shielded Category 6 (or above) cabling and shielded RJ-45 connectors are required for all wired Ethernet connections.

² Check your local/regional regulations for the maximum antenna gain allowed for your application.

Hardware Overview



Ports



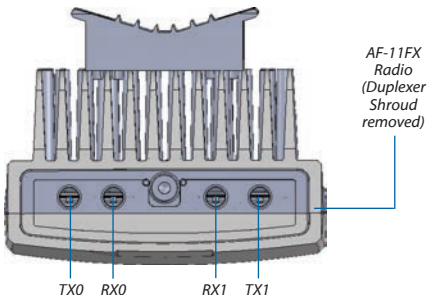
Management Port 10/100 Mbps, secured Ethernet port for configuration. *In-Band Management* is enabled by default in the airFiber Configuration Interface. When *In-Band Management* is disabled, the *MGMT* port is the only port that can monitor, configure, and/or update firmware.

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.

VDC The VDC terminal block, labeled (+) and (-), is used to power the AF-11FX using 50VDC instead of PoE.

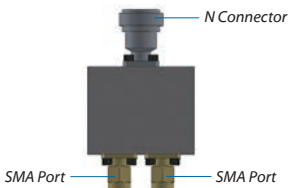
Duplexer Ports



TX0, RX0 Transmit and Receive SMA ports for low-band Duplexer (SISO mode) or high-band Duplexer (MIMO mode).

RX1, TX1 Receive and Transmit SMA ports for high-band Duplexer (MIMO mode only).

Duplexer



N Connector Female N-type connector into which the antenna cable is plugged.

SMA Port High-band and low-band channel SMA ports.

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*, *MIMO*, *LINK*, and *Signal 1-4* LEDs light on. Once the CPU code takes over, the *MIMO*, *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-11FX is fully booted.

Signal Level Once fully booted, the *Signal 1-4* LEDs act as a bar graph showing how close the AF-11FX 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-11FX. 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
MIMO	Off	Radio configured in SISO mode
	On	Radio configured in MIMO mode
MGMT	Off	No Ethernet Link
	On	Ethernet Link Established
	Random Flashing	Ethernet Activity
DATA	Off	No Ethernet Link
	On	Ethernet Link Established
	Random Flashing	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)

Installation Overview

We recommend that you configure your paired AF-11FX radios before site installation. The overview below summarizes the installation procedure, and the subsequent sections provide detailed installation information.

- Install the *Duplexer(s)* in the AF-11FX radio.
- Connect power (PoE or DC) to the AF-11FX and connect your computer to the *MGMT* port.
- Configure the AF-11FX.
- Install a ground wire and mount the AF-11FX on the airFiber AF-11G36 antenna (or a compatible antenna).
- At the installation site, install the antenna with the mounted AF-11FX radio (see the antenna's Quick Start Guide for installation instructions).
- Establish and optimize the RF link.

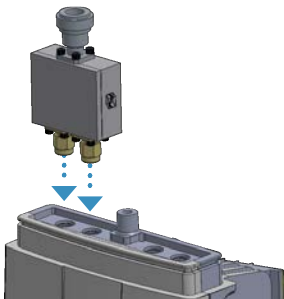
Installing the Duplexer

Install the included *Duplexer* as follows:

1. Loosen the screw on top of the *Duplexer Shroud* and remove the *Duplexer Shroud*.



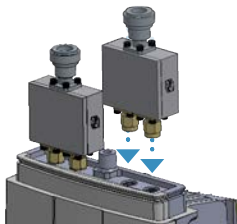
2. Insert the *TX* and *RX* ports of the *Duplexer* into the *TX0* and *RX0* ports of the AF-11FX radio.



3. If you will be using the AF-11FX in SISO mode, go to step 5.
4. To use the AF-11FX in MIMO mode:
 - a. Attach the second *Duplexer* (not included) to the AF-11FX radio's *TX1* and *RX1* ports.



Note: The *Duplexers* must be installed in reverse order on opposite sides of the link.



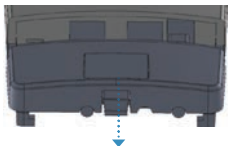
- b. Remove the cap on the top right side of the AF-11FX.
5. Re-attach the *Duplexer Shroud* to the AF-11FX radio.

Connecting Power

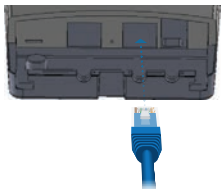
Follow the instructions for the source of power that you are using: *Power over Ethernet* or *DC Power*.

Power over Ethernet

1. Lift the release latch on the bottom of the AF-11FX and slide the *Port Cover* off.



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



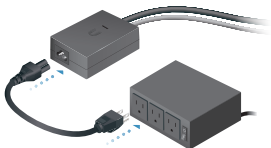
3. Connect the Ethernet cable from the *DATA* port of the AF-11FX to the **POE** port of the adapter.



WARNING: Use only the included adapter, model **GP-C500-120G**. Failure to do so can damage the unit and void the product warranty.



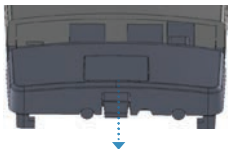
4. Connect the *Power Cord* to the adapter's power port. Connect the other end of the *Power Cord* to a power outlet.



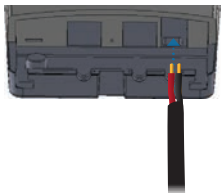
DC Power

To use DC input power instead of PoE, follow these steps:

1. Lift the release latch on the bottom of the AF-11FX and slide the *Port Cover* off.



2. Connect a DC power cable to the *Terminal Block*.

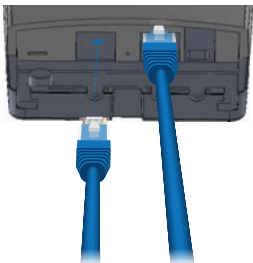


3. Connect the other end of the DC power cable to a DC power supply.
4. Connect the DC power supply to its source.

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-11FX as the *Master* and the other as the *Slave*.
 - **Frequency Setting** The *TX Frequency* and *RX Frequency* settings must be the reverse of each other on both the Master and the Slave.
1. Connect an Ethernet cable from your computer to the *MGMT* port on the AF-11FX.



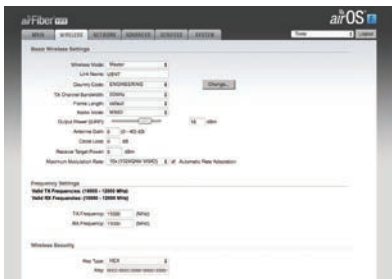
2. Configure the Ethernet adapter on your computer with a static IP address on the 192.168.1.x subnet.
3. Launch your web browser. Type **http://192.168.1.20** in the address field and press **enter** (PC) or **return** (Mac).



- 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**.



- Click the **Wireless** tab.



- Configure the *Basic Wireless Settings*:
 - For one AF-11FX, select **Master** as the *Wireless Mode*. For the other AF-11FX, keep the default, *Slave*.
 - Enter a name in the *Link Name* field. This should be the same on both the Master and the Slave.
 - If needed, change the *Channel Bandwidth*, *Output Power* and/or *Maximum Modulation Rate* settings.
- Configure the *TX Frequency* and *RX Frequency*.



Note: One airFiber radio's *TX Frequency* is the other radio's *RX Frequency*, and vice versa.

8. Configure the *Wireless Security*:

- a. Select the AES Key Type, **HEX** or **ASCII**.
 - b. For the Key field:
 - **HEX** Enter 16 bytes (eight, 16-bit hexadecimal digits: 0-9, A-F, or a-f). You can omit zeroes and use colons, similar to the IPv6 format.
-  **Note:** The airFiber Configuration Interface supports IPv6 formats excluding dotted quad and “::” (double-colon) notation.
- **ASCII** Enter a combination of alphanumeric characters (0-9, A-Z, or a-z).

9. Click **Change** and then click **Apply**.

10. *In-Band Management* is enabled by default, so each airFiber radio must have a unique *IP Address*. (If the airFiber radios use the same *IP Address*, you may lose access to the airFiber radios via the *DATA* ports.) Click the **Network** tab.



- a. For the *Management IP Address* option:
 - **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.
- b. Click **Change** and then click **Apply**.

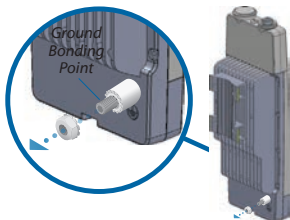
11. Disconnect the Ethernet cable from the *MGMT* port on the AF-11FX. Configuration of the AF-11FX radio is complete.

Repeat the instructions in the *airFiber Configuration* section on the other AF-11FX radio.

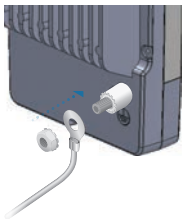
Hardware Installation

Install a Ground Wire

1. Remove the nut from the *Ground Bonding Point* located on the back of the AF-11FX.



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



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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.

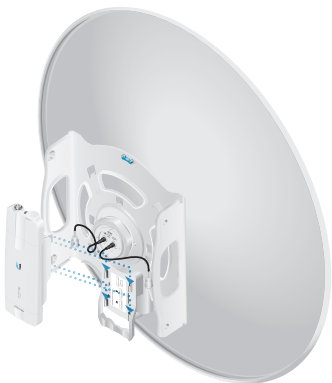


Note: The ground wire should be as short as possible and no longer than one meter in length.

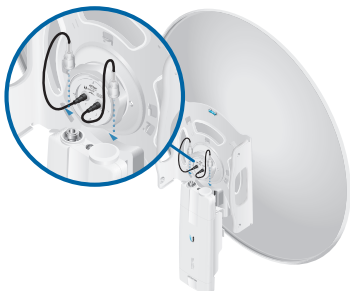
Mount to the airFiber Antenna

Follow the instructions in this section to mount the AF-11FX to an airFiber AF-11G36 antenna:

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 connector labeled *V* to the radio's *CH0* port. If you are using MIMO mode, attach the RF connector labeled *H* to the radio's *CH1* port.



3. Attach the protective shroud.
 - a. Align the hash mark on the top of the shroud with the notch on the dish antenna.
 - b. Rotate the shroud clockwise until it locks into place.

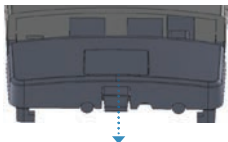


Connecting Data



Note: Skip this section if you are using DC power which was already connected as described in *DC Power*.

1. Lift the release latch on the bottom of the AF-11FX and slide the *Port Cover* off.



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



3. If you are using DC power, connect the other end of the Ethernet cable to your LAN. Connection is complete.
4. If you are using Power over Ethernet:
 - a. Connect the Ethernet cable from the *DATA* port of the AF-11FX to the **POE** port of the adapter.



WARNING: Use only the included adapter, model **GP-C500-120G**. Failure to do so can damage the unit and void the product warranty.

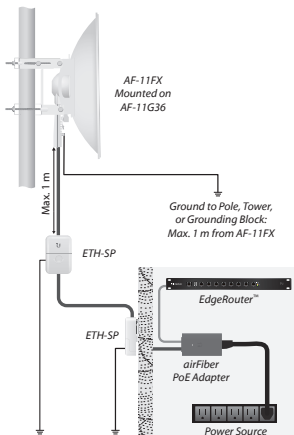
- b. Connect an Ethernet cable from your LAN to the adapter's **LAN** port.

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



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

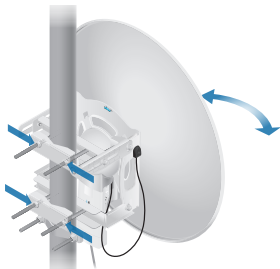
Adjust the positions of the *Master* and the *Slave* to establish a link. The following section features the airFiber X antenna, AF-11G36:

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

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

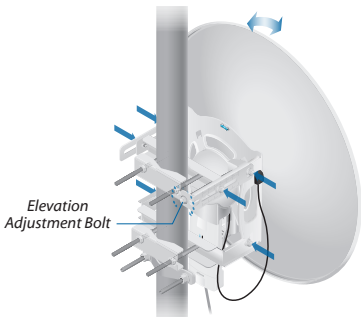
Adjust the azimuth:

- a. Loosen the four flange nuts on the two pole clamps.
- b. Rotate the antenna to point towards the other end of the link.
- c. Tighten the four flange nuts on the two pole clamps.



Adjust the elevation angle:

- a. Loosen the six hex head bolts to so that the washers can spin freely by hand.
- b. Tighten or loosen the *Elevation Adjustment Bolt* to set the desired tilt.
- c. Tighten the six hex head bolts.



Note: Do NOT make simultaneous adjustments on the *Master* and *Slave*.

2. **Slave** Visually aim the *Slave* at the *Master*. To adjust the *Slave*'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 *Slave* are displaying signal levels.



4. **Slave** Aim the *Slave* at the *Master* to achieve the strongest signal level on the *Master*.



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. **Master** Aim the *Master* at the *Slave* to achieve the strongest signal level on the *Slave*.
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 Output Power, Antenna Gain, Cable Loss, TX Frequency and RX Frequency fields are provided to the professional installer to assist in meeting regulatory requirements.

Specifications

airFiber AF-11FX	
Dimensions	327 x 112 x 86 mm (12.87 x 4.41 x 3.39")
Weight	2.26 kg (5.0 lb)
RF Connectors	(4) RP-SMA Weatherproof, Two per Chain: TX0, RX0 (CH0) and TX1, RX1 (CH1) (2) N-Type Waterproof, One per Duplexer
Power Supply	50V, 1.2A PoE Gigabit Adapter (Included)
Power Method	Passive Power over Ethernet or DC Power Block
Supported Voltage Range	42-58VDC
Certifications	FCC 47 CFR Part 101
Wind Loading	480 N @ 200 km/hr (108 lbf @ 125 mph)
Wind Survivability	200 km/hr (125 mph)
Mounting	Enlarged airFiber X Mount
Operating Temperature	-40 to 55° C (-40 to 131° F)
Networking Interface	
Data Port	(1) 10/100/1000 Ethernet Port
Management Port	(1) 10/100 Ethernet Port
System	
Processor	INVICTUS™ IC
Maximum Throughput	1.2+ Gbps
Encryption	128-bit AES
OS	airOS F
Wireless Modes	Master/Slave

Radio	
Operating Frequency	10.7-11.7 GHz ¹
Max. Conducted TX Power	30 dBm ¹
Frequency Accuracy	± 1 ppm
Channel Bandwidth	3.5/5/7/10/14/20/28/30/40/50/56 MHz Selectable ² Programmable Uplink and Downlink Duty Cycles

¹ Depends on Regulatory Region

² Channel widths may vary according to country/region regulations.

Compliance

FCC

This device has been verified by Ubiquiti Networks as being in compliance with the requirements of the rules of the Federal Communications Commission (FCC), 47 C.F.R. Part 101, and may not be operated without a station license. In the United States such licenses are issued by the FCC to entities other than agencies of the United States government. Federal government agencies are licensed by the National Telecommunications and Information Administration (NTIA) acting upon the recommendation of the Interdepartment Radio Advisory Committee (IRAC).

RF Exposure Warning

The antennas used for this transmitter must be installed to provide a separation distance of at least 186 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 personnes d'au moins 186 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

Česky [Czech]	UBIQUITI NETWORKS tímto prohlašuje, že toto UBIQUITI NETWORKS zařízení, je ve shod se základními požadavky a dalšími příslušnými ustanoveními směrnice 1999/5/ES.
Dansk [Danish]	Hermed, UBIQUITI NETWORKS, erklærer at denne UBIQUITI NETWORKS enhed, er i overensstemmelse med de væsentlige krav og øvrige relevante krav i direktiv 1999/5/EF.
Nederlands [Dutch]	Hierbij verklaart UBIQUITI NETWORKS, dat deze UBIQUITI NETWORKS apparaat, in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn 1999/5/EG.
English	Hereby, UBIQUITI NETWORKS, declares that this UBIQUITI NETWORKS device, is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Eesti [Estonian]	Käesolevaga UBIQUITI NETWORKS kinnitab, et antud UBIQUITI NETWORKS seade, on vastavus oluliste nõuetele ja teistele asjakohastele sätetele direktiivi 1999/5/EÜ.
Suomi [Finnish]	Täten UBIQUITI NETWORKS vakuuttaa, että tämä UBIQUITI NETWORKS laite, on yhdenmukainen olennaisten vaatimusten ja muiden sitä koskevien direktiivin 1999/5/EY.
Français [French]	Par la présente UBIQUITI NETWORKS déclare que l'appareil UBIQUITI NETWORKS, est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Deutsch [German]	Hiermit erklärt UBIQUITI NETWORKS, dass sich dieses UBIQUITI NETWORKS Gerät, in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 1999/5/EG befindet.
Ελληνική [Greek]	Δια του παρόντος, UBIQUITI NETWORKS, δηλώνει ότι αυτή η συσκευή UBIQUITI NETWORKS, είναι σε συμμόρφωση με τις βασικές απαιτήσεις και τις λοιπές σχετικές διατάξεις της οδηγίας 1995/5/EK.
Magyar [Hungarian]	Ezennel UBIQUITI NETWORKS kijelenti, hogy ez a UBIQUITI NETWORKS készülék megfelel az alapvető követelményeknek és más vonatkozó 1999/5/EK irányelv rendelkezéseit.
Íslenska [Icelandic]	Hér, UBIQUITI NETWORKS, því yfir að þetta UBIQUITI NETWORKS tæki er í samræmi við grunnkröfur og önnur viðeigandi ákvæði tilskipun 1999/5/EB.
Italiano [Italian]	Con la presente, UBIQUITI NETWORKS, dichiara che questo dispositivo UBIQUITI NETWORKS, è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti della direttiva 1999/5/CE.
Latviski [Latvian]	Ar šo, UBIQUITI NETWORKS, deklarē, ka UBIQUITI NETWORKS ierīce, ir saskaņā ar būtiskajām prasībām un citiem attiecīgiem noteikumiem Direktīvā 1999/5/EK.

Lietuviškai [Lithuanian]	UBIQUITI NETWORKS deklaruoja, kad šis UBIQUITI NETWORKS įrenginys atitinka esminius reikalavimus ir kitas 1999/5/EB Direktyvos nuostatas.
Malti [Maltese]	Hawnhekk, UBIQUITI NETWORKS, tiddikjara li dan il-mezz UBIQUITI NETWORKS huwa konformi mar-rekwiżiti essenzjali u dispozizzjonijiet rilevanti oħrajn ta 'Direttiva 1999/5/KE.
Norsk [Norwegian]	Herved UBIQUITI NETWORKS, erklærer at denne UBIQUITI NETWORKS enheten, er i samsvar med de grunnleggende kravene og andre relevante bestemmelser i direktiv 1999/5/EF.
Polski [Polish]	Niniejszym, Ubiquiti Networks, oświadcza, że urządzenie UBIQUITI NETWORKS, jest zgodny z zasadniczymi wymaganiami oraz pozostałymi stosownymi postanowieniami Dyrektywy 1999/5/WE.
Português [Portuguese]	UBIQUITI NETWORKS declara que este dispositivo UBIQUITI NETWORKS, está conforme com os requisitos essenciais e outras disposições da Directiva 1999/5/CE.
Română [Romanian]	Prin prezenta, UBIQUITI NETWORKS declară că acest dispozitiv UBIQUITI NETWORKS este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivei 1999/5/CE.
Slovensky [Slovak]	Týmto UBIQUITI NETWORKS, prehlasuje, že toto UBIQUITI NETWORKS zariadenie, je v súlade so základnými požiadavkami a ďalšími relevantnými ustanoveniami smernice 1999/5/ES.
Español [Spanish]	Por medio de la presente UBIQUITI NETWORKS declara que este dispositivo UBIQUITI NETWORKS, cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
Svenska [Swedish]	Härmed UBIQUITI NETWORKS, intygar att denna UBIQUITI NETWORKS enhet är i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiv 1999/5/EG.



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