

mFi Outlet

In-Wall Manageable Outlet
Model: mFi-MPW



QUICK START GUIDE

Introduction

Thank you for purchasing the Ubiquiti Networks™ mFi® Outlet, model mFi-MPW. The mFi Outlet is designed for integration with the mFi Controller software and features energy monitoring and configuration via Wi-Fi.

This Quick Start Guide is designed to guide you through the hardware installation and software configuration. The warranty terms are also included in this Quick Start Guide. For details on configuring the mFi Controller or to download the mFi Controller software, visit www.ubnt.com/mfi

Package Contents



TERMS OF USE: It is the customer's responsibility to follow local country regulations, including operation within legal frequency channels, output power, indoor cabling requirements, and Dynamic Frequency Selection (DFS) requirements.

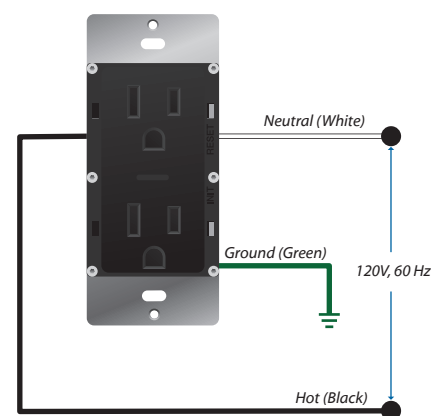
Installation Requirements

- Phillips screwdriver
- Wire stripper/cutter
- Needle-nose pliers (optional)

IMPORTANT: The mFi Outlet is to be installed by a qualified electrician in accordance with local electrical codes and regulations.

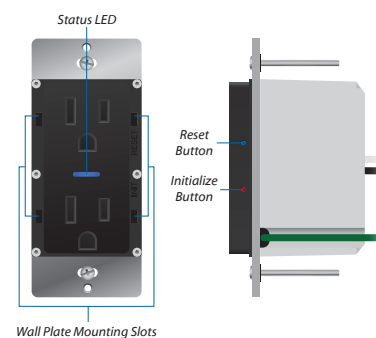
WARNING: TO AVOID FIRE, SHOCK OR DEATH; turn off power at the circuit breaker or fuse before installing.

Wiring Overview



The mFi Outlet supports up to 15 amps per socket, with a total combined load of 15 amps.

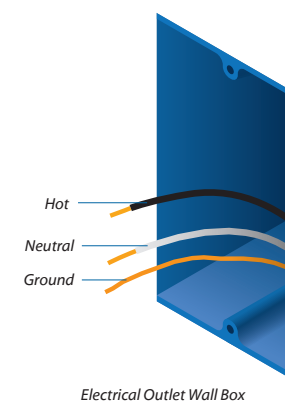
Hardware Overview



Interface	Description
LED	The Status LED has four primary states: <ul style="list-style-type: none"> • Solid yellow When first powered on in factory default mode. • Flashing yellow Connecting to a Wi-Fi network. • Solid blue Successfully connected to mFi Controller. • Flashing blue Connecting to mFi Controller.
RESET	Reset Button Press and release the button to power reset the device.
INIT	Initialize Button Press and hold until the LED alternates colors to restore the device to the factory default settings.

Hardware Installation

1. Turn off power at the circuit breaker or fuse panel, and verify that the power is off.
2. Identify and label the wiring in the wall box. There should be two wires and a ground wire.

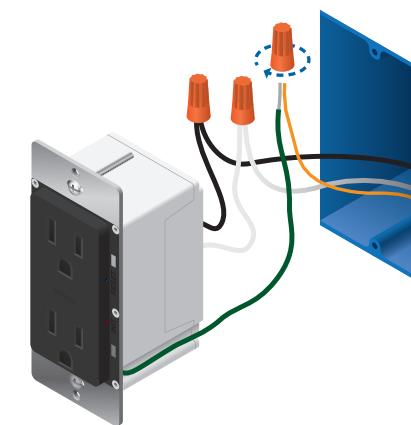


Note: Wiring colors may be different from the illustration. Be sure to verify the wiring before continuing.

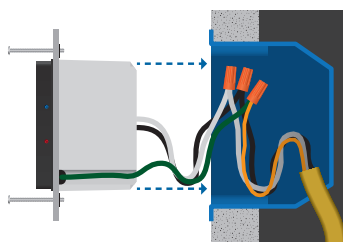
3. Prepare the wiring in the wall box by stripping away 12 mm (1/2") of insulation from the end of each wire.



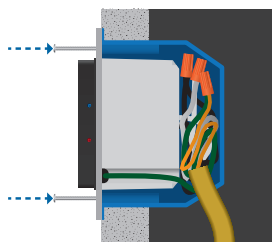
4. Connect the mFi Outlet wires to the wall box wires and secure each connection with a **Wire Nut**.
 - a. Connect the **Black** wire of the mFi Outlet to the **Hot** wire of the wall box.
 - b. Connect the **White** wire of the mFi Outlet to the **Neutral** wire of the wall box.
 - c. Connect the **Green** wire of the mFi Outlet to the **Ground** wire of the wall box.



5. Bend and form the wires to fit into the wall box. Ensure the wires are properly positioned to allow adequate room for the mFi Outlet.

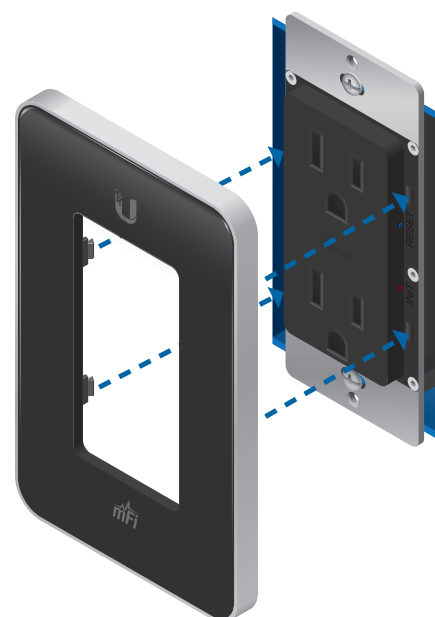


6. Place the mFi Outlet inside the wall box and ensure the yoke is mounted flush with the wall for proper fitting of the **Wall Plate**. Secure the mFi Outlet with the two screws.



Note: Do not over-tighten or rely on the force of the screws to pull the mFi Outlet into the wall box. If the wall box does not have enough room to accommodate the mFi Outlet and the wiring, replace the wall box with a deeper or wider box.

7. Mount the **Wall Plate** by aligning the mounting clips with the **Wall Plate Mounting Slots** on the mFi Outlet. Press the **Wall Plate** into position until the mounting clips snap into place. If you are using your own wall plate, secure it with two screws.



8. Turn on power at the circuit breaker or fuse panel.

Configuring the mFi Outlet via Wi-Fi

To configure the mFi Outlet, you must access it via Wi-Fi from a computer. The mFi Outlet has a default SSID (wireless network name) labeled **mFi** followed by the last six characters of the MAC address.

Windows

1. Go to **Connect to Network**.
 - **Windows 8** Click the **Network** icon.
 - **Windows 7** Right-click the **Network** icon.
 - **Windows Vista** Go to **Start > Connect To**.
 - **Windows XP** Right-click the **Wireless Network** icon in the **System Tray** (lower right corner of the screen). Click **View Available Wireless Networks**.
2. Select the wireless network (SSID) that begins with **mFi** and then click **Connect**. Go to **Accessing the Configuration Portal**.

Mac

1. Click the **AirPort** icon in the menu bar (top right side of the screen).
2. Select the wireless network (SSID) that begins with **mFi**. Once connected, the **AirPort** icon will change from gray to solid black.

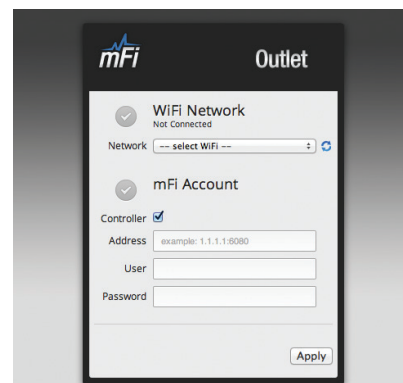


Accessing the Configuration Portal

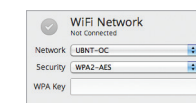
1. Launch your web browser. Type **https://192.168.2.20** in the address field. Press **enter** (PC) or **return** (Mac).



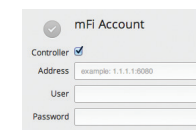
2. You may receive a security certificate warning. Click **Proceed Anyway**.
3. The **Configuration Portal** will appear. Select the wireless network name (SSID) of your existing wireless network from the drop-down list. To refresh the list, click the blue arrows on the right.



4. Enter your Wi-Fi security credentials. The options that appear are based on the encryption method used on your Wi-Fi network.



5. Enter your mFi Controller settings:



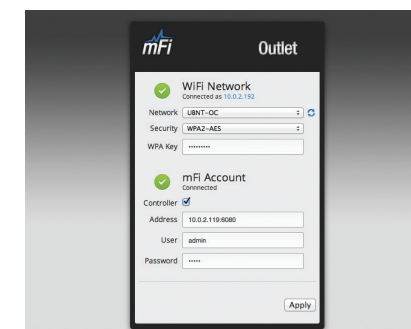
- **Address** The IP address and http port used by the Controller. (The port is usually 6080, for example: **1.1.1.1:6080** or **mfi.acme.com:6080**).
- **User** The username used to log in to the Controller.
- **Password** The password used to log in to the Controller.

Note: Remove the **Controller** checkmark if you need to enter the Controller settings later. This can be done via the embedded UI or layer 2 adoption.

6. Click **Apply**.
7. A flashing yellow checkmark will appear while the mFi Outlet is attempting to connect to the Wi-Fi network. It will appear green once the mFi Outlet is connected.



8. If a Controller was specified, a flashing yellow checkmark will appear while the mFi Outlet is attempting to connect to the Controller. It will appear green once the mFi Outlet is connected.



9. Reconnect your computer to your wireless network by selecting the SSID from your wireless network utility.
10. If a Controller was specified, access the Controller. The mFi Outlet will appear as a **mFi Outlet** icon in the left panel under the **Drag on to Map** heading. You can position the mFi Outlet in the appropriate location.



For additional details on the mFi Controller software, please refer to the mFi User Guide available on our website at: documentation.ubnt.com/mfi

