



MACINTOSH INSTALLATION INSTRUCTIONS FOR
**MacWireless Outdoor Complete
Wireless Solution**

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Introduction

Thank you for purchasing a MacWireless Outdoor Complete Wireless Kit. The MacWireless Outdoor Complete Wireless Solution includes 1 weatherproof enclosure equipped with watertight cable fitting and 2 mounting bolts, 1 Uni-directional antenna, 1 antenna cable adapter, 1 MacWireless 11g High Power Access Point, 1 red Crossover Ethernet Cable, and 1 PoE injector, and 2 AC Adapters.

WARNING: Please note the difference between the PoE AC Adapter and the High Power Access Point's AC Adapter. The PoE AC Adapter has two separate pieces, a brick and a cable. The High Power Access Point AC Adapter is a one-piece brick.

Installation

1. Configure your Access Point as described in the High Power Access Point documentation.
2. Unplug the Crossover Cable and AC Adapter from the Access Point, and place the Access Point in the box.
3. Pass one end of regular Ethernet cable, up to 330 feet in length, through the cable fitting in the weatherproof enclosure. Plug this end into the Access Point's Ethernet jack.
4. Leave a small amount of cable slack inside the box (5"-10") and tighten the cable fitting by screwing the dome-shaped nut clockwise. Be gentle in this process as it is possible to strip the threads.
5. Close the box and latch it shut, making sure the antenna cable is not pinched.
6. Connect the PoE setup to the other end of the long ethernet cable as described in the PoE documentation.
7. If you are using a Mounting Kit, refer to the Mounting Kit documentation for more information.

Factors Affecting Range and Performance of All Wireless LAN Systems

Range estimates are typical and require line of sight. Basically that means you will need a clear unobstructed view of the antenna from the remote point in the link. Keep in mind that walls and obstacles will limit your operating range and could even prevent you from establishing a link. Signals generally will not penetrate metal or concrete walls. Trees and leaves are obstructions to 802.11 frequencies so they will partially or entirely block the signal. Other factors that will reduce range and affect coverage area include metal studs in walls, concrete fiberboard walls, aluminum siding, foil-backed insulation in the walls or under the siding, pipes and electrical wiring, furniture, and sources of interference. The primary source of interference in the home will be the microwave oven. Other sources include other wireless equipment, cordless phones, radio transmitters, and other electrical equipment. Due to the increased gain, installing range extender antennas in the presence of interference could actually yield equal or worse range. These solutions work for the vast majority of our customers. However, due to the numerous factors affecting range and performance, we do not guarantee that you will achieve any specific improvement in range for your specific application.

Although MacWireless products have been tested and verified, MacWireless does not accept responsibility for loss or damage to any equipment or device. Use at your own risk.

Outdoor Complete Connection Diagram

