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WAVLINK WL-WN572HP3-GW

WAVLINK AC1200 Outdoor WiFi Extender Instruction Manual

Model: WL-WN572HP3-GW | Brand: WAVLINK

Introduction

The WAVLINK AC1200 Outdoor WiFi Extender is a high-power, dual-band device designed to extend your wireless network coverage over long distances. Supporting both 2.4GHz (300Mbps) and 5GHz (867Mbps) frequencies, it offers versatile connectivity options for various outdoor environments. Its robust, weatherproof design ensures reliable performance in harsh conditions, making it ideal for homes, RVs, and camera systems. This manual provides detailed instructions for setup, operation, and maintenance of your WAVLINK AC1200 extender.

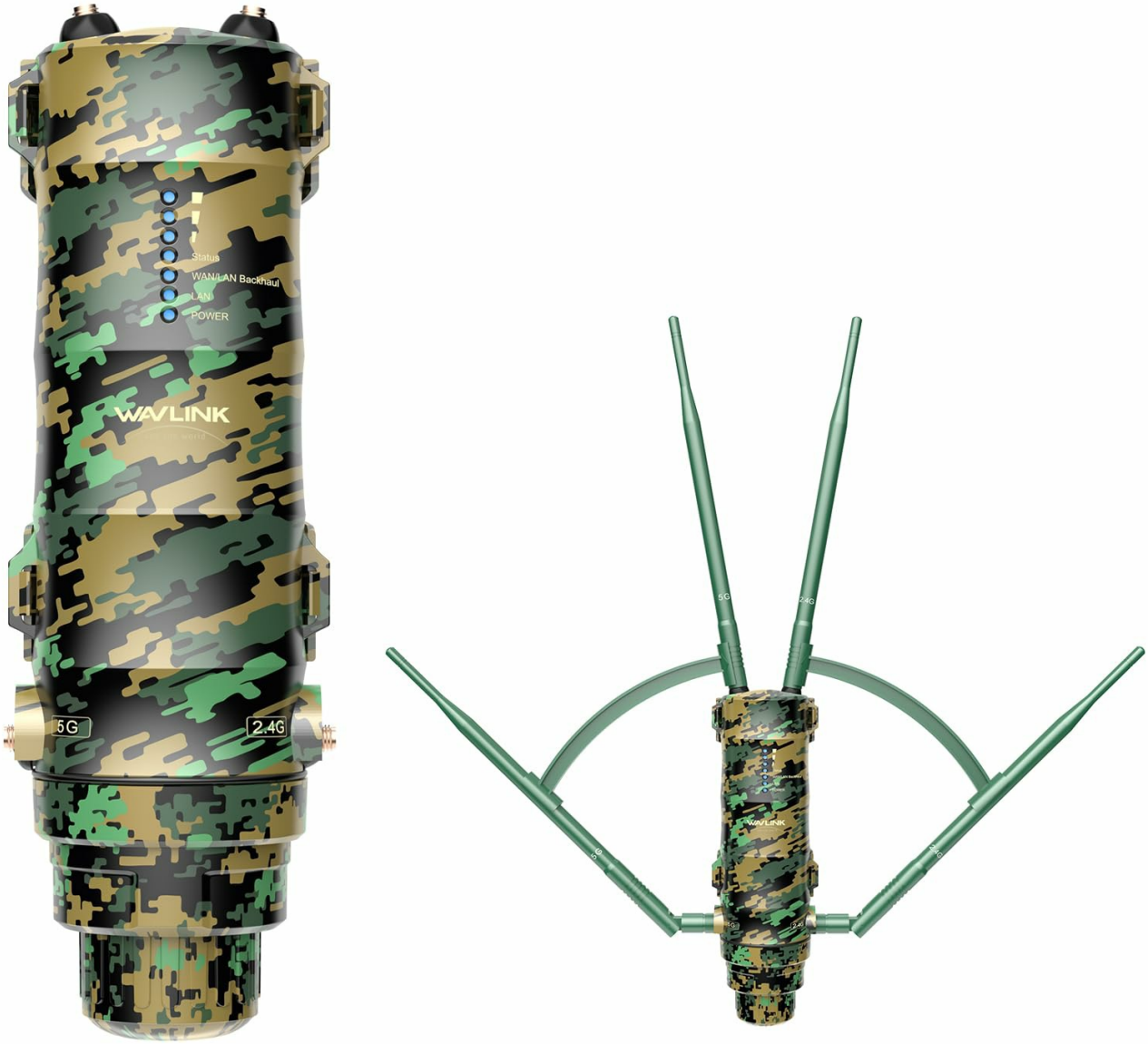

Figure 1: WAVLINK AC1200 Outdoor WiFi Extender (Model: WL-WN572HP3-GW)

What's in the Box

Please verify that all items listed below are included in your package:

- 1 x Access Point (AP) / WiFi Mesh Extender / Repeater / WISP
- 4 x Detachable Omni Antenna (2 x 2.4G and 2 x 5G)
- 1 x RJ45 Network Cable
- 1 x Power Adapter
- 1 x POE Converter
- 1 x Mounting Bracket
- 2 x Clamps
- 1 x Screw Fitting

- 1 x User Manual

Product Features

- **AC1200 Dual-Band WiFi:** Delivers speeds up to 1200Mbps (5GHz 867Mbps and 2.4GHz 300Mbps) for connecting up to 96 devices simultaneously.
- **High-Gain Omnidirectional Antennas:** Equipped with 4 x 7dBi antennas for greater penetration and long-range reach.
- **Dual Gigabit Ports:** Features 2 x Gigabit (1000Mbps) LAN/WAN Ethernet Ports, offering 10x faster speeds than standard Ethernet ports. Powered by a MT7621A chip for strong penetration and extended coverage.
- **Multiple Working Modes:** Supports Mesh, AP, Router, Repeater, and AP+Repeater modes to meet diverse connection needs.
- **Power over Ethernet (PoE):** Integrated PoE support allows data transfer and power delivery through a single Ethernet RJ-45 cable, simplifying outdoor installation.
- **Robust Weatherproof Design:** IP67 weatherproof and heat-resistant casing withstands temperatures from -30°C to 70°C (-22°F to 158°F). Includes 15KV ESD and 4KV lightning protection for stable operation in harsh outdoor conditions. Key parts are coated with waterproof glue to prevent leakage.



Figure 2: Professional Outdoor Design for all weather conditions.

Figure 3: WAVLINK High Power Outdoor Wi-Fi Range Extender offers superior coverage compared to other extenders.

Setup and Installation

The WAVLINK AC1200 Extender supports Power over Ethernet (PoE) for flexible installation. This allows you to power the device and transmit data using a single Ethernet cable, making it convenient for outdoor mounting where power outlets may not be readily available.

PoE Installation Steps:

1. Connect the RJ45 Network Cable to the LAN/WAN port of the extender.
2. Thread the cable through the waterproof gland and tighten it to ensure a secure, weatherproof seal.
3. Connect the other end of the Ethernet cable to the POE converter's

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