

Hi-Gain™ Dual-Band 9dBi Directional Antenna Kit

MODEL: HD9DP



PACKAGE CONTENTS:

- One Hi-Gain™ Dual-Band Directional Antenna
- Mounting Kit
- Two 5-foot Antenna Extension Cables (Attached)
- Easy to follow Quick Installation Guide

FEATURES:

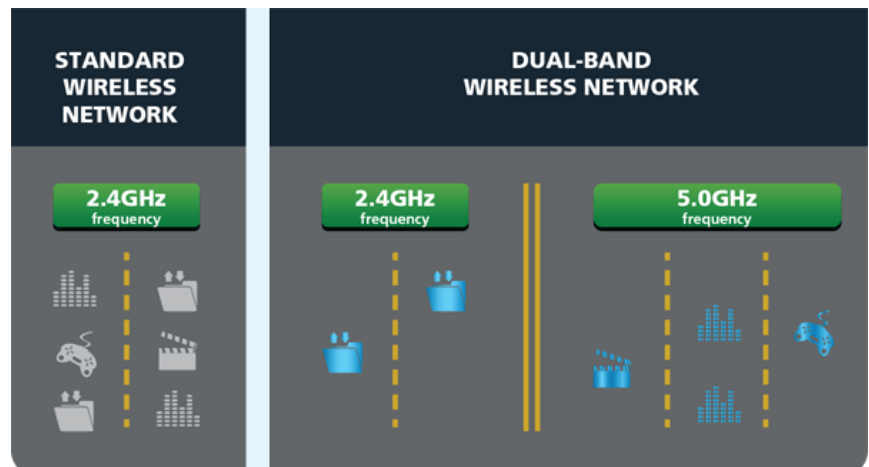
- Increases your Dual-Band Wi-Fi network by up to 350%
- Directional Signal Amplification
- Compatible with 2.4GHz and 5.0GHz frequencies on any 802.11 a/b/g/n network

Long Range Wireless Coverage , Increase the Strength of Dual-Band Wi-Fi Devices up to 350%

The HD9DP Hi-Gain™ Dual-Band 9dBi Directional Antenna Kit is an antenna for extending the range of your 802.11 a/b/g/n Wi-Fi devices. The HD9DP increases the wireless strength from a standard 2dBi (decibels) to a staggering 9dBi, resulting in a 350% increase in the wireless coverage and strength.

Dual-Band Frequency, 2.4GHz and 5.0GHz, offers Ultimate Flexibility and Maximum Performance

The 2.4GHz is the most commonly used wireless bandwidth. It also has limited number of bandwidth for multiple activities, such as sending emails, video chatting, streaming movie, gaming, etc. In addition, the same 2.4GHz frequency is also shared between different devices (i.e. laptops, tablets, smartphones, TV, and gaming consoles and other common household devices like microwaves and cordless phones). This causes interference and major backlog with your online activities. The Dual-Band Technology provides maximum flexibility for your Dual-Band compatible devices to connect to the popular 2.4GHz frequency and also off-load traffic to a faster less-crowded 5.0GHz frequency. While the 5GHz runs at a higher throughput rate, its wireless strength is limited. The HD9DP strengthens and extends Dual-Band signal for long range, high traffic wireless networks.



Directional Antenna for Long Range Point-to-Point Wi-Fi applications

The Directional Antenna concentrates the signal in one direction for more wireless strength and longer range. The HD9DP Antenna is ideal for long range Point-to-Point wireless applications. As shown in the diagram to the right use a pair of Directional Antennas, one on each end (location A & B) for optimal results.



Use the HD9DP to expand the wireless range of your router, bridge, access point, or extender with 802.11 a/b/g/n compatible removable antennas.

**SPECIFICATIONS:**

Frequency Range: 2.4-2.5GHz, 5.15-5.875GHz
Wireless Standard: 802.11 a/b/g/n
VSWR: 2.0
Input impedance: 50 ohm
Signal Pattern: Directional
H Plane Coverage: 60°
E Plane Coverage: 60°

2.4GHz Frequency

Gain: 8 dBi
Polarization: Vertical

5.0 GHz Frequency

Gain: 10 dBi
Polarization: Vertical

Hardware Specifications

Cable: Steel Wire with Copper and PVC coating
Cable Length: 5 Feet
Connector: 2 x SMA adapter (attached)
Connector Material: Brass
Weight: 11 Ounces
Temperature: -4°F to +149°F
Color: Black
Material: PC + ABS
Dimension: 5.11 (H) x 8.03 (W) x 1.1 (D) inches
Mounting Kit: Wall, Window, Free-Standing

SYSTEM REQUIREMENTS

- Wi-Fi Network device with removable external antenna(s)

HAWKING COMPATIBLE DEVICES:

- HD45X | Hi-Gain Dual-Band Wireless-N Range Extender
- HD45R | Hi-Gain Dual-Band Wireless-N Router
- HD45B | Hi-Gain Dual-Band Wireless-N Access Point/Bridge

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Technical Support

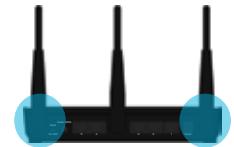
Phone: 888.202.3344

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INSTALLATION:

NOTE: If your device has only one removable antenna port, you can plug in the pigtail wire of your choice. If your device has two ports, use both pigtail plugs.

A. Remove the antenna from your wireless device



B. Connect your Antenna Adapter Cables to your antenna device ports



C. After you have connected your HD9DP to your wireless device, make sure to note the signal pattern of the antenna. Be sure to face the side of the antenna with the Hawking Logo at your wireless device(s). While you will experience superior range and quality with your HD9DP, you must be in range of the antenna's signal. As indicated by the diagram above, the directional antenna does not give off signal from the back of the product. You will receive optimal wireless signal by placing your wi-fi device within the designated area. Adjust the antenna as needed. (NOTE: Your wireless coverage may vary depending on the receiving power of your wireless adapter.)

