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› Deal4GO WLAN Wireless WiFi Antenna Replacement for Surface Pro 4 1724 User Manual

Deal4GO X939878

Deal4GO WLAN Wireless WiFi Antenna Replacement for Surface Pro 4 1724

Model: X939878, X939879

1. INTRODUCTION

This document serves as an instruction manual for the Deal4GO WLAN Wireless WiFi Antenna Replacement, designed specifically for the Microsoft Surface Pro 4, model 1724. This component is a replacement part intended to restore or improve wireless connectivity functions (WLAN/WiFi) within your device.

The antenna provided has been thoroughly inspected and tested to ensure full functionality and adherence to original specifications. It is compatible with part numbers X939878 and X939879.

2. PRODUCT OVERVIEW

The Deal4GO WLAN Wireless WiFi Antenna is a crucial internal component responsible for your Surface Pro 4's wireless communication capabilities. It is a genuine OEM part, removed from original Surface Pro 4 units, and verified for performance.



Figure 1: Top view of the WLAN Wireless WiFi Antenna.

This antenna is designed to precisely fit the internal layout of the Surface Pro 4 (model 1724), ensuring optimal signal reception and transmission for Wi-Fi and Bluetooth functions.



Figure 2: Bottom view of the WLAN Wireless WiFi Antenna, showing circuit traces.

3. SETUP AND INSTALLATION

Important Note: The installation of this WLAN Wireless WiFi Antenna requires technical disassembly and reassembly of the Microsoft Surface Pro 4. This process involves delicate internal components and specialized tools. **It is strongly recommended that installation be performed by qualified professionals or experienced technicians.** Attempting installation without proper knowledge and tools may result in damage to your device or the replacement part, voiding any potential warranties.

3.1 Professional Installation Recommended

Due to the complexity of disassembling the Surface Pro 4 and handling its internal components, professional installation is advised. Technicians possess the necessary expertise to:

- Safely open the device without causing damage to the screen or internal cables.
- Properly remove the old antenna and install the new one.
- Ensure all connections are secure and correctly seated.
- Reassemble the device correctly, maintaining its structural integrity.

3.2 General Installation Steps (For Professionals Only)

While specific step-by-step instructions are beyond the scope of this general manual due to the professional nature of the repair, the process typically involves:

1. Powering off the Surface Pro 4 and disconnecting all peripherals.
2. Carefully detaching the display assembly.
3. Locating and disconnecting the existing WLAN/WiFi antenna.
4. Removing the old antenna.
5. Positioning and connecting the new Deal4GO WLAN Wireless WiFi Antenna (X939878/X939879).
6. Reassembling the device, ensuring all cables are properly routed and connected.
7. Testing wireless functionality upon completion.

4. FUNCTIONALITY NOTES

Once correctly installed, the Deal4GO WLAN Wireless WiFi Antenna will restore or enhance the wireless capabilities of your Surface Pro 4. This includes:

- **Wi-Fi Connectivity:** Enabling connection to wireless networks for internet access and local network communication.
- **Bluetooth Connectivity:** Supporting connections to Bluetooth devices such as keyboards, mice, headphones, and other peripherals.

The performance of the antenna is dependent on proper installation and the overall condition of the Surface Pro 4's wireless module and drivers.

5. CARE AND HANDLING

As an internal electronic component, the WLAN Wireless WiFi Antenna requires minimal user maintenance once installed. However, proper care during handling and device usage is important:

- **Avoid Physical Damage:** Protect your Surface Pro 4 from drops, impacts, and excessive pressure, which can damage internal components, including the antenna.
- **Moisture Protection:** Keep your device away from liquids and high humidity to prevent corrosion or short circuits.
- **Temperature Extremes:** Avoid exposing your device to extreme hot or cold temperatures, as this can affect electronic components.
- **Cleanliness:** Ensure the internal environment of your device remains free from dust and debris, especially during any repair or maintenance procedures.

6. TROUBLESHOOTING

- If you experience issues with wireless connectivity after the antenna replacement, consider the following troubleshooting steps:
- **Verify Professional Installation:** Confirm that the antenna was installed correctly by a qualified technician. Incorrect seating or damaged connectors can lead to poor performance.
 - **Check Device Drivers:** Ensure that your Surface Pro 4 has the latest Wi-Fi and Bluetooth drivers installed. Outdated or corrupted drivers can cause connectivity problems.
 - **Software Conflicts:** Rule out any software conflicts by checking recently installed applications or performing a system diagnostic.
 - **Operating System Issues:** Ensure your operating system is up to date. Sometimes, OS updates include fixes for wireless connectivity.
 - **External Interference:** Check for potential sources of wireless interference in your environment (e.g., other electronic devices, thick walls).
 - **Consult a Technician:** If issues persist, it is advisable to consult the professional who performed the installation or another qualified technician for further diagnosis.

7. SPECIFICATIONS

Feature	Specification
Product Name	WLAN Wireless WiFi Antenna Replacement
Brand	Deal4GO
Compatible Model	Microsoft Surface Pro 4 (Model 1724)
Compatible Part Numbers	X939878, X939879
Product Dimensions	6.38 x 0.39 x 0.31 inches (approximate)
Item Weight	0.704 ounces (approximate)
Color	Black
Antenna Type	Radio
Impedance	4 Ohms
Maximum Range	20 Meters (Note: This is a general specification and actual performance may vary based on environment and device configuration.)

8. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your Deal4GO WLAN Wireless WiFi Antenna Replacement, please refer to your purchase documentation or contact the seller directly. Ensure you have your order details and product information available when seeking support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question