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› LOTEKOO 150Mbps USB WiFi Adapter Instruction Manual

LOTEKOO CT-29992

LOTEKOO 150Mbps USB WiFi Adapter Instruction Manual

MODEL: CT-29992

Brand: LOTEKOO

Introduction

The LOTEKOO 150Mbps USB WiFi Adapter is designed to provide wireless network connectivity to your desktop or laptop computer. This compact dongle allows you to connect to a wireless network and access high-speed internet. It is compatible with various operating systems and devices, including Raspberry Pi models and select IPTV Set-Top Boxes.



Image: The LOTEKOO 150Mbps USB WiFi Adapter.

What's in the Box

- Ralink RT5370 Chip USB WiFi Adapter
- Driver CD (for systems not supporting plug-and-play)



Driver CD included,
or download by "bit.ly/37oSPy5"

Image: Included Driver CD for the adapter.

Key Features

- **Wireless Standards:** IEEE 802.11n/g/b, operating on the 2.4GHz band.
- **Chipset:** Ralink RT5370 Chipset for reliable performance.
- **Data Transmission Rate:** Enhanced 150Mbps wireless data transmission rate.
- **Compatibility:** Compatible with Raspberry Pi (Pi / Pi 2 / 3 / 4 / Pi Zero W), PC, Laptop, Desktop, Windows (10/8.1/8/7/XP/Vista), Mac OS, and Linux. Also works with Mag 250/254/255/270/275 IPTV Set-Top Boxes.
- **Antenna:** Internal omni-directional antenna for increased coverage and stability.
- **Design:** Mini size for easy portability and minimal space occupation.
- **Host Interface:** USB 2.0, compatible with both USB 2.0 and USB 3.0 ports.
- **Data Security:** Supports 64/128-bit WEP Encryption, WPA, WPA-PSK, WPA2, WPA2-PSK, TKIP/AES.



Image: Compatibility overview of the USB WiFi adapter with various devices.

Setup Instructions

1. **Insert the Adapter:** Plug the LOTEKOO USB WiFi Adapter into an available USB port on your computer or compatible device. The adapter is designed to work with both USB 2.0 and USB 3.0 ports.



Image: The USB WiFi adapter inserted into a laptop's USB port.

2. Driver Installation:

- **For Windows 10, Raspberry Pi, and Mag Box devices:** The adapter is generally plug-and-play, meaning no additional driver installation is required. The system should automatically detect and install the necessary drivers.
- **For other Operating Systems (Windows 2000/XP/Vista/7/8, Mac OS, Linux):** You may need to install the drivers manually.
 - Insert the included Driver CD into your computer's CD/DVD drive and follow the on-screen instructions.
 - Alternatively, drivers can be downloaded from the manufacturer's website. Refer to the product images for a potential download link or visit the LOTEKOO support page.

3. **Connect to a Wireless Network:** Once the drivers are installed (if necessary), your system's network settings will show available Wi-Fi networks. Select your desired network and enter the password to connect.

Operating the Adapter

After successful installation and connection, the LOTEKOO USB WiFi Adapter will function as your primary wireless network interface. You can manage your wireless connection through your operating system's standard network settings.

- **Signal Strength:** The internal omni-directional antenna provides stable signal reception. For optimal performance, ensure the adapter is not obstructed and is within reasonable range of your wireless router or access point.
- **Security:** The adapter supports various security protocols including WEP, WPA, and WPA2 to ensure your wireless connection is secure. Always use strong encryption for your Wi-Fi network.
- **Speed:** The adapter supports up to 150Mbps. Actual speeds may vary based on network conditions, router capabilities, distance from the access point, and environmental factors.

Compatible With:

- Raspberry Pi /Pi 2 /3 /4 /Pi Zero
- PC/ Laptop/ Desktop
- Chromebook
- Mag 250/ 254/ 255/ 270/ 275 IPTV Set-Top Box
- Skybox, Openbox, Linkbox



Image: The adapter highlighting its Ralink RT5370 chipset.

Maintenance

- **Cleaning:** Keep the adapter clean and free from dust. Use a soft, dry cloth to wipe the exterior. Avoid using liquid cleaners.
- **Storage:** When not in use, store the adapter in a cool, dry place. Avoid exposing it to extreme temperatures or direct sunlight.
- **Software Updates:** Periodically check the LOTEKOO website for updated drivers or firmware to ensure optimal performance and compatibility.

Troubleshooting

- **No Wi-Fi Connection:**
 - Ensure the adapter is securely plugged into a USB port.
 - Verify that Wi-Fi is enabled on your computer's operating system.
 - Check if the correct drivers are installed. Reinstall drivers if necessary.
 - Restart your computer and your wireless router.
- **Slow Connection Speed:**
 - Move closer to your wireless router or access point to improve signal strength.
 - Ensure there are no major obstructions (like thick walls or metal objects) between the adapter and the router.
 - Check for interference from other electronic devices (e.g., microwaves, cordless phones).
 - Verify your internet service provider's speed and ensure your router supports the adapter's speed capabilities.
- **Adapter Not Recognized:**
 - Try plugging the adapter into a different USB port.
 - Check your computer's Device Manager (Windows) or System Information (Mac/Linux) to see if the adapter is listed and if there are any driver errors.
 - Ensure your operating system is up to date.

Specifications

Brand	LOTEKOO
Model Number	CT-29992
Chipset	Ralink RT5370
Wireless Standards	IEEE 802.11n/g/b
Frequency Band	2.4GHz
Data Transfer Rate	Up to 150 Megabits Per Second
Host Interface	USB 2.0 (compatible with USB 2.0/3.0 ports)
Antenna Type	Internal Omni-directional Antenna
Data Security	64/128-bit WEP, WPA, WPA-PSK, WPA2, WPA2-PSK, TKIP/AES
Operating Systems	Windows 2000/XP/Vista/7/8/10, Mac OS, Linux
Product Dimensions (LxWxH)	0.79 x 0.24 x 0.45 inches
Item Weight	0.317 ounces (0.01 Kilograms)



Image: Dimensions of the LOTEKOO USB WiFi Adapter.

Warranty and Support

For warranty information and technical support, please refer to the documentation included with your product or visit the official LOTEKOO website. Keep your purchase receipt for warranty claims.

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.

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Question

Details

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

Submit question