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› Dpofirs RTL8821CU 600Mbps WiFi 5 + Bluetooth 4.2 USB Adapter User Manual

Dpofirs ZF-H600L

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Model: ZF-H600L

1. INTRODUCTION

This manual provides instructions for the Dpofirs RTL8821CU 600Mbps WiFi 5 + Bluetooth 4.2 USB Adapter. This compact device offers dual-band wireless connectivity (2.4GHz and 5.8GHz) and Bluetooth 4.2 capabilities, allowing your computer to connect to wireless networks and Bluetooth devices.



Image 1.1: Front view of the Dpofirs WiFi and Bluetooth USB adapter, showing the 'WiFi 5' logo and 'BT + AC600 Driver Free' text.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x Dpofirs RTL8821CU USB Adapter
- 1 x Driver CD
- 1 x Instruction Manual (this document)



Image 2.1: The Dpofirs USB adapter shown alongside its included driver installation CD.

3. SETUP INSTRUCTIONS

Follow these steps to install and set up your Dpofirs USB Adapter:

1. **Insert the Adapter:** Plug the Dpofirs USB Adapter into an available USB port on your desktop or laptop computer.
2. **Driver Installation:**
 - For Windows 7/8/10, the adapter may be recognized automatically as 'Driver Free'.
 - If the adapter is not automatically recognized or if you experience issues, insert the provided Driver CD into your computer's optical drive. Follow the on-screen instructions to install the necessary drivers. If you do not have an optical drive, please visit the Dpofirs support website for driver downloads.
3. **Verification:** After installation, check your computer's Device Manager to ensure the WiFi and Bluetooth drivers are installed correctly.



Image 3.1: The Dpofirs USB adapter securely plugged into a laptop's USB port, ready for operation.

4. OPERATING INSTRUCTIONS

4.1. WiFi Connectivity

1. Ensure the adapter is properly installed.
2. On your Windows taskbar, click the network icon (usually a WiFi symbol).
3. Select your desired wireless network from the list of available networks.
4. Enter the network security key (password) if prompted, then click 'Connect'.
5. The adapter supports both 2.4GHz and 5.8GHz (5GHz) frequency bands for optimal performance.

4.2. Bluetooth Pairing

1. Ensure the adapter is properly installed.
2. Go to your computer's Bluetooth settings (e.g., 'Settings' > 'Devices' > 'Bluetooth & other devices' on Windows 10).

3. Turn on Bluetooth.
4. Put your Bluetooth device (e.g., headphones, mouse, keyboard) into pairing mode.
5. Click 'Add Bluetooth or other device' and select 'Bluetooth'.
6. Select your device from the list and follow any on-screen prompts to complete the pairing process.

4.3. AP Mode (Access Point Mode)

The adapter supports AP mode, allowing your computer to function as a WiFi hotspot. This is useful for sharing a wired internet connection with other wireless devices.

1. Connect your computer to the internet via an Ethernet cable.
2. Access your operating system's mobile hotspot settings (e.g., 'Settings' > 'Network & Internet' > 'Mobile hotspot' on Windows 10).
3. Configure the network name (SSID) and password for your hotspot.
4. Enable the mobile hotspot feature. Your computer will now broadcast a WiFi signal that other devices can connect to.



Image 4.1: Diagram showing the Dpofirs USB adapter enabling AP mode, allowing a computer to share its internet connection with other devices like laptops, tablets, and smartphones.

5. MAINTENANCE

To ensure the longevity and optimal performance of your Dpofirs USB Adapter, follow these maintenance guidelines:

- Keep the adapter clean and free from dust. Use a soft, dry cloth for cleaning.
- Avoid exposing the adapter to extreme temperatures, direct sunlight, or high humidity.
- Do not attempt to disassemble or repair the adapter yourself. This may void any potential warranty.
- Store the adapter in a safe place when not in use to prevent physical damage.

6. TROUBLESHOOTING

If you encounter issues with your Dpofirs USB Adapter, try the following solutions:

- **No WiFi/Bluetooth connection:**
 - Ensure the adapter is firmly plugged into a working USB port. Try a different USB port.
 - Verify that the drivers are correctly installed in Device Manager. Reinstall drivers if necessary using the provided CD or manufacturer's website.
 - Restart your computer.
- **Slow WiFi speed:**
 - Ensure you are connected to the optimal frequency band (5GHz generally offers faster speeds if your router supports it and you are within range).
 - Reduce interference by moving closer to your wireless router or removing obstacles.
 - Check for updated drivers from the manufacturer's website.
- **Bluetooth device not pairing:**
 - Ensure your Bluetooth device is in pairing mode and within the 10-meter (32.8ft) range.
 - Remove and re-add the Bluetooth device in your computer's settings.
 - Restart both your computer and the Bluetooth device.

7. SPECIFICATIONS

Detailed technical specifications for the Dpofirs RTL8821CU USB Adapter:

Feature	Specification
Model	ZF-H600L
Main Chip	RTL8821CU
Interface Type	USB (USB1.1/USB2.0 compatible)
WiFi Standards	IEEE 802.11ac/n/g/b
WiFi Frequency Bands	2.412~2484GHz / 5.15-5.825GHz

Feature	Specification
WiFi Data Transfer Rate	Up to 600Mbps (11ac: 433Mbps, 11n: 150Mbps, 11g: 54Mbps, 11b: 11Mbps)
Bluetooth Version	V4.2
Bluetooth Frequency Band	2.4000GHz-2.4835GHz
Bluetooth Distance	Approx. 10m (32.8ft)
Antenna Gain	Built-in antenna, 0-2dBi
Supported Operating Systems	Windows 7 / Windows 8 / Windows 10
Color	Black
Item Weight	0.88 ounces (approx. 0.03 Kilograms)
Package Dimensions	3.94 x 3.54 x 0.67 inches

8. PRODUCT OVERVIEW VIDEO

Your browser does not support the video tag.

Video 8.1: A brief overview of the Dpofirs USB adapter, highlighting its compact design and dual functionality. This short video demonstrates the product's appearance and general purpose.

9. WARRANTY AND SUPPORT

Specific warranty details are not provided within this manual. For warranty information, technical support, or further assistance, please refer to the Dpofirs official website or contact the seller directly through your purchase platform.

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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

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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