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> WYYHAA Multidiag Pro+ OBD2 Scanner Diagnostic Tool User Manual

WYYHAA Multidiag Pro+ Pro Plus Bluetooth

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1. INTRODUCTION

The WYYHAA Multidiag Pro+ is a professional OBD2 diagnostic scanner designed for comprehensive vehicle diagnostics. It connects to your PC or Pocket PC, providing a powerful and flexible tool for automotive workshops, fleet owners, and vehicle service professionals. This device supports a wide range of vehicles, including cars and trucks, offering specific brand diagnostics and various system checks.

It features a new design for improved quality and faster connection speeds, ensuring more accurate ECU readings. The software and firmware are designed for continuous updates to support the latest vehicle models and diagnostic protocols.



Image 1.1: Top view of the Multidiag Pro+ scanner, highlighting its multi-vehicle and Bluetooth capabilities.

2. PACKAGE CONTENTS

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

- 1 x WYYHAA Multidiag Pro+ Scanner Unit
- 1 x OBD2 LED Diagnostic Cable
- 1 x USB Connection Cable
- 1 x Software CD



Image 2.1: All components included in the Multidiag Pro+ package.

3. SETUP

3.1 Software Installation

1. **System Requirements:** Ensure your computer runs on Windows 7 or Windows 10 (32-bit or 64-bit operating systems are supported).
2. **Antivirus Software:** Before installing the diagnostic software from the provided CD, it is crucial to temporarily disable or uninstall any antivirus software on your computer. Antivirus programs can interfere with the installation process, leading to errors or incomplete setup.
3. **Installation Process:** Insert the software CD into your computer's CD-ROM drive. Follow the on-screen instructions to complete the installation. If the installation does not start automatically, navigate to the CD drive in 'My Computer' or 'This PC' and run the setup file manually.
4. **Firmware Update:** After software installation, connect the device to your PC and check for any available firmware updates through the installed software. Keeping the firmware updated ensures compatibility with the latest vehicles and diagnostic features.

3.2 Hardware Connection

1. **Connect to Vehicle:** Locate the OBD2 diagnostic port in your vehicle. This port is typically found under the dashboard on the driver's side. Connect the OBD2 LED Diagnostic Cable to this port.
2. **Connect to PC:** Connect the USB Connection Cable from the Multidiag Pro+ scanner unit to an available USB port on your PC. Alternatively, if using Bluetooth, ensure Bluetooth is enabled on your PC and pair with the scanner.
3. **Power On:** Once connected, the scanner will typically power on automatically, indicated by the multi-color indicator light.



Image 3.1: USB port on the Multidiag Pro+ scanner for connecting to a computer.



Image 3.2: DB15 connector on the Multidiag Pro+ scanner for connecting the OBD2 diagnostic cable.

4. OPERATING INSTRUCTIONS

The Multidiag Pro+ is designed for ease of use. Once connected to the vehicle's diagnostic socket and your PC, it will communicate with the installed diagnostic software to perform various functions.

4.1 Key Diagnostic Features

- **Intelligent System Scan (ISS):** This function performs a comprehensive scan across all systems within the vehicle. It displays stored fault codes for each system, providing a quick overview of the vehicle's overall health. After the ISS is complete, you can select specific control systems for more detailed analysis.
- **Intelligent System Identification (ISI):** The device automatically identifies and selects the correct controller type installed in the vehicle. This ensures that diagnostic sessions are executed with the appropriate parameters, optimizing accuracy and efficiency.
- **OBD Functions:** Equipped with unique multiplexer technology, the scanner supports all types of vehicles, adapting to various voltage levels and communication standards for universal compatibility.

4.2 Multi-Vehicle Diagnostic Functions

The Multidiag Pro+ supports a wide array of diagnostic functions for both cars and trucks:

- Specific Serial Diagnostics (Manufacturer-specific)
- Scan Function

- EOBD / OBDII Communication
- Serial Systems Diagnostics for:
 - Engine
 - Ignition
 - Climate Control
 - ABS (Anti-lock Braking System)
 - Service Reset
 - SRS (Supplemental Restraint System)
 - Immobilizer
 - Instrument Cluster
 - Comfort System
 - Gear-box, etc.

4.3 Vehicle Coverage

- **Cars:** Performs brand-specific diagnostics for cars and light vans manufactured from 1988 to 2016 onwards, covering a total of 47 different brands.
- **Trucks:** With the truck software package, it performs brand-specific diagnostics for light and heavy commercial vehicles, buses, and trailers manufactured from 1995 to 2016 onwards.

4.4 Additional Features

- **Multi-Color Indicator:** Provides visual feedback on device status.
- **Voltage Control:** Monitors vehicle battery voltage.
- **VIN Chassis Number Identification:** Automatically reads and identifies the vehicle's VIN.

5. MAINTENANCE

To ensure the longevity and optimal performance of your WYYHAA Multidiag Pro+ scanner, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the device. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the scanner and its accessories in a cool, dry place, away from direct sunlight, extreme temperatures, and excessive moisture.
- **Cable Care:** Handle all cables with care. Avoid bending or twisting them sharply, which can damage internal wires.
- **Software Updates:** Regularly check for and install software and firmware updates to ensure compatibility and access to the latest features and vehicle databases.



Image 5.1: Top and bottom views of the Multidiag Pro+ scanner, illustrating its design and a practical hanging hook for storage.

6. TROUBLESHOOTING

If you encounter issues with your Multidiag Pro+ scanner, refer to the following common troubleshooting steps:

- **Software Installation Failure:**

Symptom: Software fails to install or encounters errors during installation.

Solution: Ensure your antivirus software is temporarily disabled or uninstalled before attempting installation. Verify that your operating system (Windows 7 or Windows 10, 32/64 bit) meets the requirements.

- **No Communication with Vehicle:**

Symptom: Scanner does not connect or communicate with the vehicle's ECU.

Solution: Check all cable connections (OBD2 and USB) to ensure they are secure. Verify that the vehicle's ignition is on. Ensure the diagnostic software is correctly installed and updated. Try connecting to a different vehicle if possible to rule out a vehicle-specific issue.

- **Bluetooth Connection Issues:**

Symptom: Unable to establish a Bluetooth connection with the PC.

Solution: Ensure Bluetooth is enabled on your PC and the scanner. Remove any previous pairings and attempt to re-pair the devices. Check for updated Bluetooth drivers on your PC.

7. SPECIFICATIONS

Feature	Detail
Brand	WYYHAA
Model	Multidiag Pro+ Pro Plus Bluetooth
Manufacturer	LEIDIMUS
Power Source	Battery Powered (via OBD2 port)
Operating System Compatibility	Windows 7, Windows 10 (32/64 bit)
Connectivity	USB, Bluetooth
Vehicle Coverage (Cars)	1988-2016+, 47+ brands
Vehicle Coverage (Trucks)	1995-2016+, Commercial vehicles, buses, trailers
Country of Origin	China
ASIN	B09NDJD8K7

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or contact the retailer/manufacturer directly. Keep your purchase receipt as proof of purchase for any warranty claims.

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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

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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.

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