

PARANNIC 820030601

PARANNIC ENET WiFi Adapter User Manual

MODEL: 820030601

1. Introduction

The PARANNIC ENET WiFi Adapter is a high-speed diagnostic, coding, and flashing Ethernet adapter designed for BMW and Mini vehicles. It provides a significantly faster wireless connection compared to traditional Bluetooth adapters, enabling efficient communication with your vehicle's electronic control units (ECUs). This manual provides detailed instructions for setting up and operating your ENET WiFi Adapter.



Image 1.1: The PARANNIC ENET WiFi Adapter.

2. Package Contents

- 1 x PARANNIC ENET WiFi Adapter

3. Compatibility

3.1 Supported Software Applications

The ENET WiFi Adapter is compatible with a wide range of diagnostic and coding software applications (software not included with the adapter):

- E-SYS
- BimmerCode
- Bootmod3
- Ethernet
- ISTA D
- MHD
- xDelete
- THOR-the M Flasher
- BimmerGeeks Pro-Tool

Note: The adapter is NOT compatible with xHP Flashtool.

3.2 Supported Vehicle Series

This adapter is compatible with BMW and Mini F-series, G-series, and I-series vehicles, including but not limited to:

- BMW 1 Series: F20, F21

- BMW 2 Series: F22, F45, F46
- BMW 3 Series: F30, F31
- BMW 4 Series: F32, F33, F36
- BMW 5 Series: F10, F11, F07
- BMW 6 Series: F12, F13, F06
- BMW 7 Series: F01, F02, F03
- BMW X Series: F15, F85, F16, F26, F25
- Mini: F55, F56



Image 3.1: Compatible BMW and Mini vehicles.

3.3 Supported Operating Systems

The adapter works seamlessly with:

- iOS (iPhone, iPad)
- Android devices
- Windows PCs



Image 3.2: Operating system compatibility.

4. Setup Guide

4.1 Physical Connection

1. Ensure your vehicle's ignition is ON.
2. Locate the OBD2 port in the footwell on the driver's side of your car.
3. Plug the ENET WiFi adapter firmly into the OBD2 port.



Image 4.1: Plugging the adapter into the OBD2 port.

4.2 Connecting via Wi-Fi (iOS Devices)

For iOS devices, follow these specific steps to ensure proper connectivity:

1. Enable Airplane Mode on your iOS device.
2. Turn off Bluetooth on your iOS device.
3. Turn on Wi-Fi on your iOS device.
4. Connect to the ENET's Wi-Fi network (e.g., "ENET_WIFI_OAA2"). The default password is **12345678**.
5. After connecting, tap the information icon (i) next to the connected Wi-Fi network.
6. Record the IP address and subnet mask automatically obtained by the current Wi-Fi connection.
7. Change the IP address setting of your mobile phone's Wi-Fi from "Automatic" to "Manual".
8. Fill in the previously obtained IP address and subnet mask in the manual IP address setting.
9. Turn on your cellular network. The gateway and DNS do not need to be set.



Image 4.2: Steps for configuring Wi-Fi on iOS devices.

4.3 Application Setup

1. Open your preferred BMW diagnostic or coding application (e.g., BimmerCode, MHD).
2. In the application's settings, ensure the correct adapter type (ENET WiFi Adapter) is selected.
3. Tap "Connect" on the application's start screen to establish a connection with your vehicle.
4. Maintain a distance of 5-30 meters between your iOS device and the adapter for optimal connection stability.



Image 4.3: Connecting the adapter with a mobile application.

Video 4.1: Demonstration of connecting the Wireless ENET OBD2 WiFi Diagnostic adapter and using it with a mobile application to read and clear codes.

5. Operating Instructions

Once connected, the PARANNIC ENET WiFi Adapter allows you to perform various functions through your chosen diagnostic software. The specific steps for each function will depend on the application you are using.

5.1 Key Functions Enabled by the Adapter

- **Read and Erase Fault Codes:** Access and clear diagnostic trouble codes (DTCs) from various modules in your car.
- **Read and Reset Airbag Light Faults:** Diagnose and clear airbag system errors.
- **Code New or Existing Modules:** Program or re-program control units.
- **Code ECU Functions:** Customize vehicle features such as folding mirrors, daytime running lights

(DRLs), and more.

- **Code Key Memory:** Personalize settings linked to specific keys.
- **Code New Retrofitted Parts:** Integrate newly installed components into the vehicle's system.
- **New Battery Registration:** Register a new battery with the vehicle's power management system.
- **Service Interval Reset:** Reset service reminders after maintenance.
- **Live Data View:** Monitor real-time sensor data and vehicle parameters.
- **Adaptive Headlight Alignment:** Adjust adaptive headlight settings.
- **Steering Wheel Angle Sensor Reset:** Calibrate the steering wheel angle sensor.
- **Electrical Wiring Diagrams:** Access wiring diagrams for troubleshooting.
- **Fault Elimination Procedures:** Follow guided procedures to resolve vehicle faults.
- **Repair Manuals:** Access repair information.
- **Import FSC:** Import Feature Activation Codes.
- **Carplay Activation:** Activate Carplay functionality (for EVO ID5, ID6 models only).

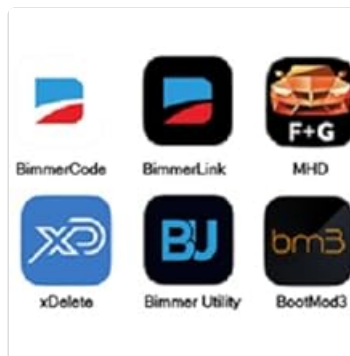


Image 5.1: Examples of compatible applications.

6. Troubleshooting

6.1 Connectivity Issues

- **No Connection:** Ensure the adapter is securely plugged into the OBD2 port and the vehicle's ignition is on. Verify that Wi-Fi is enabled on your device and you are connected to the adapter's network.
- **iOS Specific Issues:** If using an iOS device, double-check that Airplane Mode is enabled, Bluetooth is off, and you have manually configured the IP address as described in Section 4.2. Ensure cellular data is also enabled.
- **Unstable Connection:** Maintain a close proximity (5-30 meters) between your device and the adapter. Interference from other wireless devices can affect connection stability.

6.2 Software Related Issues

- **Software Not Included:** Remember that the ENET WiFi Adapter is a hardware interface. Diagnostic and coding software applications must be acquired separately.
- **Application Settings:** Verify that the correct adapter type is selected within your chosen diagnostic application's settings.
- **VPN Interference:** Some users report issues when a VPN is active. Try disabling your VPN if you experience connectivity problems.

7. Specifications

Feature	Detail
Brand	PARANNIC
Model Number	820030601
Item Weight	2.08 ounces
Product Dimensions	3.94 x 2.36 x 1.97 inches
Data Transfer Speed	Up to 100 Mbps (via Ethernet over OBD)
Wireless Protocol	IEEE 802.11 (Wi-Fi)
Supported Operating Systems	Android, iOS, Windows
UPC	700961561915



Image 7.1: Various views of the ENET WiFi Adapter.

FASTER THAN BLUETOOTH ADAPTER

OUR ENET WIFI ADAPTER



Speeds up to 100 Mbps

OTHER BLUETOOTH 5.1 ADAPTER



The fastest speed is 24 Mbps

Image 7.2: Speed comparison between ENET WiFi and Bluetooth adapters.

8. Warranty and Support

Your PARANNIC ENET WiFi Adapter comes with the following:

- **180-Day Money Back Guarantee:** If you are unsatisfied for any reason within 180 days of purchase.
- **3-Year Repair or Replace Manufacturer Warranty:** Covers defects in materials and workmanship for three years from the date of purchase.

For any installation problems, technical assistance, or warranty claims, please feel free to contact our customer support team. Refer to your purchase documentation for specific contact details.