

WBFYEE Infiniti Q70 Digital Dashboard

WBFYEE 12.3-inch Digital Dashboard for Infiniti Q70 User Manual

Model: Infiniti Q70 Digital Dashboard

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your WBFYEE 12.3-inch Digital Dashboard, designed for compatibility with the Infiniti Q70. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. SAFETY INFORMATION

Always prioritize safety during installation and operation. Improper installation or use can lead to vehicle damage or personal injury.

- Ensure the vehicle's power is disconnected before beginning installation.
- Consult a professional if you are unsure about any installation steps.
- Do not attempt to operate the device if it appears damaged.
- Keep the device free from liquids and extreme temperatures.
- Always observe traffic laws and maintain focus on the road while driving.

3. PRODUCT OVERVIEW

The WBFYEE 12.3-inch Digital Dashboard replaces the original instrument panel in your Infiniti Q70, offering an enhanced digital display for vehicle information. It features a high-resolution anti-glare screen and runs on a Linux operating system.



Figure 3.1: Front view of the WBFYEE 12.3-inch Digital Dashboard.

Key Features:

- **12.3-inch Anti-Glare Screen:** Provides clear visibility in various lighting conditions.
- **Linux Operating System:** Ensures stable and efficient performance.
- **HD Resolution (1920x720):** Delivers sharp and detailed graphics.
- **Steering Wheel Control Support:** Seamless integration with existing vehicle controls.
- **Real-time Feedback:** Dynamically adjusts display based on driving conditions.
- **Vehicle Status Monitoring:** Provides real-time vehicle status, fault warnings, and maintenance tips.
- **Diagnostic Startup:** Automatically checks indicators for normal operation upon startup.
- **Driving Data Recording:** Records data for analysis and maintenance.



Figure 3.2: Overview of key features including Linux OS, HD resolution, and steering wheel control support.

4. SETUP AND INSTALLATION

The digital dashboard is designed for a lossless, plug-and-play installation. However, careful attention to detail is required.

4.1 Pre-Installation Steps

1. Park the vehicle on a level surface and engage the parking brake.
2. Turn off the engine and remove the key from the ignition.
3. Disconnect the vehicle's battery to prevent electrical shorts.

4.2 Disassembly of Original Instrument Panel

Lossless Installation

The easiest installation steps,
plug and play



Easy To Disassemble

Pull out the steering wheel, Use a tool to pry open the two buckles on it, And take out the instrument panel.



Consistent Plug

The product is connected to the original car line, Which is convenient and fast, Plug and play.

Figure 4.1: Illustration of the disassembly process for the original instrument panel. Use a pry tool to carefully unclip the two buckles holding the steering wheel trim, then remove the instrument panel.

Carefully pull out the steering wheel. Use a plastic pry tool to gently open the two buckles securing the original instrument panel trim. Once unclipped, carefully remove the existing instrument panel.

4.3 Digital Dashboard Installation

Function introduction

Compatible With Original Behicle

Status Infor mation



Figure 4.2: Connecting the new digital dashboard to the original car line. Ensure all connections are secure for proper plug-and-play functionality.

1. Connect the provided wiring harness from the new digital dashboard to the original car's wiring. Ensure all connectors are firmly seated.
2. Carefully insert the new 12.3-inch digital dashboard into the dashboard opening, ensuring it clicks into place securely.
3. Reconnect the vehicle's battery.
4. Turn on the ignition to test the functionality of the new dashboard.

Installation effect

New appearance and feature upgrades



Figure 4.3: Comparison of the dashboard appearance before and after the installation of the new digital panel, showcasing the updated look.

5. OPERATING INSTRUCTIONS

The digital dashboard offers a user-friendly interface with various display options and real-time information.

5.1 Startup and Initial Check

2 seconds startup

Fast response, quick start, less than 3 seconds from car ignition to instrument start.



Figure 5.1: The dashboard initiates quickly, typically within 2 seconds, performing an automatic check of all indicators upon ignition start.

Upon vehicle ignition, the dashboard performs a rapid self-check, typically starting within 2 seconds. All indicators are verified for normal operation to ensure safety and readiness.

5.2 Display Modes and Information

The dashboard provides multiple display modes and real-time vehicle status information.

Function introduction

Compatible With Original Vehicle
Status Information



Figure 5.2: Display showing real-time information such as voltage, MPG, transmission temperature, and distance, alongside a door opening/closing reminder and fuel consumption display.

- **Real-Time Info:** Displays current voltage, MPG, transmission temperature, and distance.
- **Door Status:** Provides visual reminders for open or closed doors.
- **Fuel Consumption:** Shows current fuel usage.
- **Tire Pressure and Angle:** Monitors tire pressure and angle for enhanced safety.
- **System Settings:** Access various settings including date/time and language.

Function introduction

Compatible With Original Bechle

Status Infor mation



Figure 5.3: Screen displaying tire pressure and angle information, along with access to system settings for customization.

5.3 Steering Wheel Controls

The digital dashboard supports the vehicle's original steering wheel controls. Use these controls to navigate through menus, change display modes, and adjust settings without taking your hands off the wheel.

5.4 Language Settings

The operating system supports multiple languages including Simplified Chinese, Traditional Chinese, Arabic, Russian, French, Korean, Turkish, Spanish, Italian, and English. To change the language, navigate to the 'System Settings' menu.

6. MAINTENANCE

To ensure the longevity and optimal performance of your digital dashboard, follow these maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth to gently wipe the screen. Avoid abrasive cleaners or solvents that could damage the display.

- **Environmental Conditions:** Avoid exposing the dashboard to extreme temperatures or direct sunlight for prolonged periods.
- **Software Updates:** Periodically check for any available software updates from the manufacturer to ensure the latest features and bug fixes.
- **Wiring Inspection:** If you experience any issues, ensure all wiring connections remain secure and free from damage.

7. TROUBLESHOOTING

This section addresses common issues you might encounter with your digital dashboard.

| Problem | Possible Cause | Solution |
|---|---|--|
| Dashboard does not power on. | Loose power connection, vehicle battery disconnected. | Check all wiring connections. Ensure vehicle battery is properly connected. |
| Display is blank or flickering. | Loose video cable, software glitch. | Ensure video cables are securely connected. Restart the vehicle to reset the system. |
| Steering wheel controls not responding. | Incorrect wiring, software issue. | Verify the steering wheel control wiring. Check system settings for control configuration. |
| Inaccurate speed or RPM readings. | Sensor issue, calibration required. | Consult a professional for sensor diagnosis or recalibration. |

If the problem persists after attempting these solutions, please contact customer support.

8. SPECIFICATIONS

| Feature | Detail |
|------------------------|--|
| Screen Size | 12.3 inches |
| Resolution | 1920*720 |
| Operating System | Linux |
| Output Power | 4*45W |
| Voltage | 12V |
| Material Type | Metal and Plastic (ABS) |
| Item Weight | 3kg (Product description) / 50 Grams (Specifications) - <i>Note: Discrepancy in source data, actual weight may vary.</i> |
| Compatible Vehicle | Infiniti Q70 |
| Steering Wheel Control | Supported |
| Manufacturer | ShunNeng XuanHua |

| Feature | Detail |
|---------|------------|
| ASIN | B0DLSJZBYG |

9. WARRANTY AND CUSTOMER SUPPORT

For warranty information, please refer to the documentation provided at the time of purchase or contact your retailer. For technical assistance, troubleshooting beyond this manual, or general inquiries, please contact WBFYEE customer support through your purchase platform or the manufacturer's official channels.