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> wowuseful Digital Dash for Passat B8 - 12.3 inch Automotive Instrument Panel User Manual

wowuseful Passat B8 Digital Dash

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User Manual

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your wowuseful Digital Dash. Please read this manual thoroughly before installation and use to ensure proper function and safety.

Product Overview

The wowuseful Digital Dash is a 12.3-inch automotive replacement instrument panel designed for the Passat B8. It features a Linux operating system, a high-definition IPS screen with 1920x720 resolution, and supports various vehicle functions and display modes.



Figure 1: The wowuseful 12.3-inch Digital Dash for Passat B8, displaying navigation and vehicle information.

Key Features

- **Operating System:** Linux-based for stability and fast boot times.
- **Display:** 12.3-inch HD IPS screen with 1920x720 resolution.
- **Functionality:** Supports original vehicle data including miles/KM, tire pressure, oil/water temperature, oil pressure, fuel consumption, and auto body balance.
- **Display Modes:** Multiple UI styles (Classic, Sport, Sport Rainbow, Sport Race, Digital, Gear & Speed, Economic) and customizable theme colors.
- **Processor:** T5 1.5Ghz CPU, 1GB RAM, 4GB ROM.
- **Installation:** Plug and Play design, no wire cutting required.
- **Multilingual Support:** English, Russian, German, French, Spanish, Italian, Korean, Japanese, Arabic, Turkish, and more.

2. SETUP AND INSTALLATION

This section outlines the general steps for installing the Digital Dash. Professional installation is recommended. Ensure the vehicle's power is disconnected before beginning installation.

Compatibility Check

This product is designed for the **Passat B8**. Verify your vehicle's model and year before proceeding. Providing a dashboard picture to the seller before or after ordering is recommended for double-checking compatibility.

Installation Steps (General Guide)

1. **Disconnect Power:** Turn off the vehicle and disconnect the battery to prevent electrical damage.
2. **Remove Original Instrument Cluster:** Carefully remove the existing instrument panel from your vehicle. Refer to your vehicle's service manual for specific instructions on dashboard disassembly.
3. **Connect Wiring:** The Digital Dash is designed for "Plug and Play" installation. Connect the provided wiring harness to the vehicle's existing connectors. Ensure all connections are secure.
4. **Mount Digital Dash:** Securely install the new 12.3-inch Digital Dash into the dashboard opening.
5. **Reconnect Power:** Reconnect the vehicle battery.
6. **Initial Power-On and Test:** Turn on the vehicle ignition and verify that the Digital Dash powers on and displays information correctly.



For VW Passat B8 2017-2023

12.3 inch

Figure 2: The wowuseful Digital Dash showing compatibility with VW Passat B8 models from 2017-2023.

Note: If you require assistance with installation, please contact the seller's engineering team.

3. OPERATING INSTRUCTIONS

The Digital Dash is operated primarily through your vehicle's original steering wheel controls. This section details how to navigate and customize the display.

Navigating the Interface

- **Steering Wheel Controls:** Use the "VIEW" button and directional controls on your steering wheel to navigate through menus and select options.
- **Display Modes:** Access the "View" menu to select different display styles such as Classic, Sport, Sport Rainbow, Sport Race, Digital, Gear & Speed, and Economic.
- **Settings:** Navigate to the "Setting" menu to adjust various parameters.

Video 1: Demonstration of the Digital Dash interface, showing navigation through various display modes and settings using steering wheel controls. This video illustrates how to change views, adjust ambient light settings, and select car color representations.

Customization Options

- **Ambient Light Set:** Adjust ambient lighting settings for the display.
- **Pointer Style:** Customize the style of the pointers on the gauges.
- **Car Color:** Change the color representation of your vehicle on the display.
- **Dashboard Type:** Select different dashboard layouts.
- **Language:** Choose from multiple supported languages.

wowuseful

12.3 inch
Anti-Glare Screen

For VW Passat B8
2017-2023

Linux System

HD 1920 x 720

Steering Wheel

GIFT

Pulq & Play 5 UI option

Figure 3: The wowuseful Digital Dash highlighting various UI options and features like Linux System, HD 1920x720 resolution, and steering wheel control integration.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Digital Dash, 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.
- **Software Updates:** The manufacturer provides free updates for firmware, software, UI, and GPS navigation maps. Regularly check for and apply these updates to ensure the best performance and access to new features.
- **Environmental Conditions:** Operate the device within its specified voltage range (9V-16V) and avoid extreme temperatures.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Digital Dash.

Common Issues and Solutions

- **No Power/Display:**
 - Check all wiring connections to ensure they are secure.
 - Verify the vehicle battery is properly connected and charged.
 - Ensure the vehicle's ignition is on.
- **Incorrect Information Displayed:**
 - Ensure the correct car type is selected in the settings (if applicable).
 - Check for available software updates.
- **Steering Wheel Controls Not Responding:**
 - Verify that the wiring harness for the steering wheel controls is correctly connected.
 - Restart the vehicle to reset the system.

If you encounter persistent issues not covered here, please contact customer support for assistance.

6. SPECIFICATIONS

Feature	Specification
Model	Digital Dash for Passat B8
Screen Size	12.3 inches
Resolution	1920x720 HD IPS
Operating System	Linux
CPU	T5 1.5Ghz (4-core)
RAM	1GB
ROM	4GB
Voltage	9V-16V
Operating Current	0.8A-1.5A

Feature	Specification
Standby Current	Less than 3mA
Material	Plastic
Product Dimensions	18.5 x 9.45 x 7.48 inches
Item Weight	2.45 Kilograms (5.4 Pounds)

7. WARRANTY AND SUPPORT

The manufacturer provides comprehensive support for this product.

- **Warranty:** If the product has a problem within 365 days after receipt confirmation, support for free return and refund within 15 days, or a new machine replacement.
- **Customer Service:** 24-hour customer service is available.
- **Technical Assistance:** An engineering team is available to assist with installation and technical queries. Please contact the seller directly for support.
- **Updates:** Free updates for firmware, software, UI, and GPS navigation maps are provided.

ASK A QUESTION ABOUT THIS MANUAL

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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.

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