

DYNAVIN D8-B6S Flex

DYNAVIN D8-B6S Flex Android Car Radio Navigation System User Manual

Model: D8-B6S Flex | Brand: DYNAVIN

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your DYNAVIN D8-B6S Flex Android Car Radio Navigation System. This system is specifically designed for Volkswagen Passat B6 models manufactured between 2005 and 2010. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

The DYNAVIN D8-B6S Flex offers a 10.1-inch high-resolution anti-glare display, an Android operating system, integrated Sound-DSP, and compatibility with Wireless CarPlay and Android Auto. It also features integrated GPS navigation and DAB+ radio.

2. SAFETY INFORMATION

Always prioritize safety while operating your vehicle. Do not operate the device in a way that distracts you from driving. Ensure all connections are secure and correctly installed to prevent electrical hazards or damage to the vehicle's systems.

For detailed safety guidelines, refer to the safety information document provided with your product or available on the manufacturer's website.

3. PACKAGE CONTENTS

Verify that all components listed below are present in your package. If any items are missing or damaged, please contact your dealer.

Zubehörliste

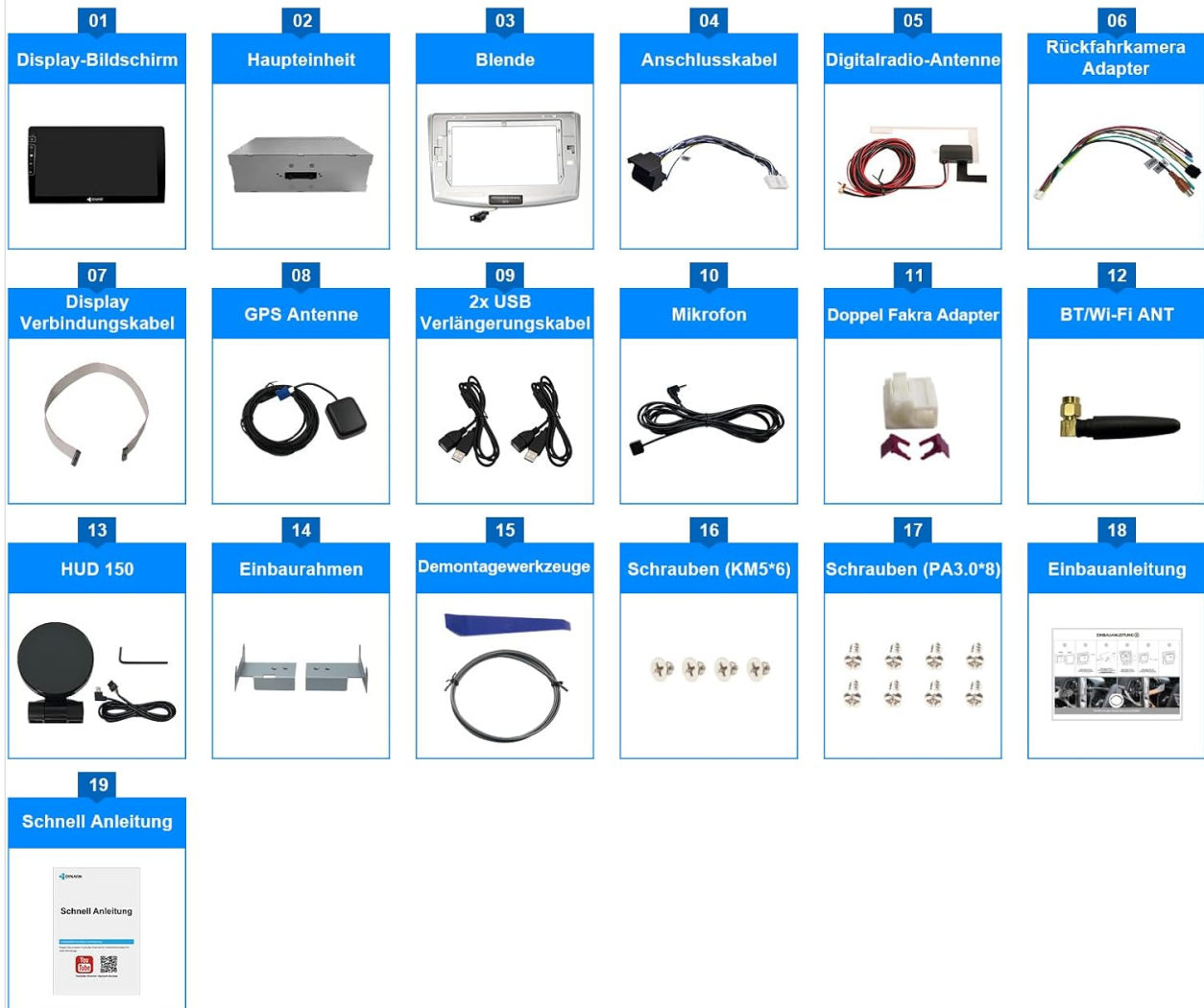


Image: Overview of the accessories included with the DYNAVIN D8-B6S Flex system, showing the display, main unit, trim, connection cables, antennas, and installation tools.

1. Display Screen
2. Main Unit
3. Trim Bezel
4. Connection Cables
5. Digital Radio Antenna (DAB+)
6. Rear View Camera Adapter (if applicable)
7. Display Connection Cable
8. GPS Antenna
9. 2x USB Extension Cables
10. Microphone
11. Dual Fakra Adapter
12. BT/Wi-Fi Antenna
13. HUD 150 (Head-up Display)
14. Installation Frame
15. Disassembly Tools
16. Screws (KM5*6)

17. Screws (PA3.0*8)
18. Installation Manual (Quick Guide)
19. Quick Start Guide

4. SETUP AND INSTALLATION

The DYNAVIN D8-B6S Flex navigation radio is designed to fit VW Passat B6 models from 2005-2010. Professional installation is recommended. An installation instruction video may be available on the manufacturer's website.

4.1. Pre-Installation Checks

- Ensure the vehicle's ignition is off and the battery is disconnected before starting installation.
- Confirm compatibility with your specific VW Passat B6 model.
- Gather all necessary tools, including the provided disassembly tools.

4.2. Physical Installation

1. Carefully remove the original car radio using the disassembly tools.
2. Connect the main unit to the vehicle's wiring harness using the provided connection cables. Ensure all connections are secure.
3. Connect the GPS antenna and position it in a location with a clear view of the sky (e.g., dashboard).
4. Connect the DAB+ antenna and position it for optimal signal reception.
5. Connect the BT/Wi-Fi antenna.
6. Install the microphone in a suitable location for clear voice pickup.
7. Mount the display screen to the main unit and secure it within the dashboard using the installation frame and screws.
8. If using, install the Head-up Display (HUD 150) according to its specific instructions.
9. Reconnect the vehicle's battery.

4.3. Initial Power-Up and Configuration

- Turn on the vehicle's ignition. The system should power on.
- Follow the on-screen prompts for initial setup, including language selection and time zone.
- Connect to the internet via the integrated WLAN module to access online features and updates.
- If applicable, activate pre-installed features like Google Play Store, CarPlay, Android Auto, and GPS navigation by purchasing the required activation codes or license files online.

5. OPERATING INSTRUCTIONS

Your DYNAVIN D8-B6S Flex system features a 10.1-inch high-resolution 1280x720 pixel anti-glare touchscreen display, running on an Android OS with a quad-core processor and 32 GB ROM.

Was bringt Ihnen Dynavin ?



15 Jahre Forschung und Entwicklung haben uns gezeigt, wie wir ohne Austausch der Originallautsprecher und ohne Einbau einer Endstufe, den besten Klang aus Ihrem Fahrzeug rausholen.

Image: Screenshot of the DYNAVIN D8-B6S Flex user interface, displaying various application icons such as Z-Link, Radio, Media, Navigation, Spotify, and YouTube.

5.1. Basic Navigation

- **Touchscreen:** Navigate through menus and applications by tapping, swiping, and pinching on the 10.1-inch capacitive touchscreen.
- **Steering Wheel Controls:** The integrated CAN bus supports steering wheel remote control for radio, multimedia, and caller information.
- **Multi-Function Display (MFD+):** Information can be displayed on the vehicle's MFD+.

5.2. Navigation System (iGO NextGen)

The system includes integrated GPS navigation with iGO NextGen software, featuring 3D view, TTS (Text-to-Speech), and Premium-POI (Points of Interest). Map material covers 46 European countries, including Turkey. A license file must be purchased online for full functionality.

- Tap the "Navigation" icon to launch the iGO NextGen software.
- Enter your destination using the on-screen keyboard.
- Follow voice prompts and visual directions for guidance.

Das innovative Dynavin Digital Dual-Mikrofon



Das neue Dynavin Digital Kompakt-Dual-Mikrofon wird normalerweise vor dem Tacho angebracht. Dieses digitale Mikrofon ist klein und nach der Installation kaum bemerkbar. Im Vergleich zu OEM-Mikrofonen spart die Einrichtung dieses Dynavin-Mikrofons viel Installationszeit. Zudem sorgen die eingebauten Dual-Digital-Mikrofonchips für eine stabile und hervorragende Gesprächsqualität während der Fahrt.

Image: The DYNAVIN D8-B6S Flex system with an integrated Head-up Display (HUD) showing navigation directions and speed, enhancing driving safety by projecting information onto the windshield.

5.3. Smartphone Integration (CarPlay, Android Auto, Mirroring)

The system is compatible with Wireless CarPlay, CarPlay, Android Auto, and SmartPhone Mirroring. Note that a 31-day test phase may apply, after which an activation code must be purchased online.

- **Wireless CarPlay/Android Auto:** Connect your compatible smartphone wirelessly via Bluetooth and Wi-Fi. Follow the on-screen prompts to establish the connection.
- **Wired CarPlay/Android Auto:** Connect your smartphone via a USB cable to the designated USB port.
- **SmartPhone Mirroring:** Use this feature to display your smartphone's screen directly on the unit's display.

5.4. Audio and Multimedia

The system features an integrated Sound-DSP processor with an equalizer and time correction for optimized audio quality. It includes a BT hands-free kit and audio streaming, USB mass storage support, AUX input, preamplifier, and subwoofer output.



Image: Illustrates the sound capabilities of the DYNAVIN D8-B6S Flex, highlighting the 100W x 4 Class-D High Power Amplifier and 15 years of research in car audio design for optimal sound without replacing original speakers.

- **Radio (DAB+/FM):** Select the Radio application to access DAB+ digital radio or FM/AM stations. Use the scan function to find available stations.
- **Bluetooth:** Pair your smartphone for hands-free calling and audio streaming. Access your phonebook and call history directly from the unit.
- **USB/AUX:** Connect USB devices for media playback or use the AUX input for external audio sources.
- **Sound Settings:** Access the DSP settings to adjust the equalizer, fader, balance, and time correction for a personalized audio experience.

5.5. Rear View Camera

The system supports a rear view camera input and can work with the original VW rear view camera (optional adapter ASIN B08XX3MTNT or B08XX2HRQC may be required).

- When the vehicle is shifted into reverse, the display will automatically switch to the rear view camera feed.
- The system also supports virtual parking track display and Climatronic control status.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your DYNAVIN system.

- **Cleaning the Display:** Use a soft, lint-free cloth to gently wipe the touchscreen. Do not use abrasive cleaners or solvents.
- **Software Updates:** Periodically check the manufacturer's website for available software updates to ensure you have the latest features and bug fixes.
- **General Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

7. TROUBLESHOOTING

If you encounter issues with your DYNAVIN D8-B6S Flex, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
No power	Loose power connection, blown fuse	Check power cables and vehicle fuses. Ensure battery is connected.
No sound	Volume too low, mute activated, incorrect audio settings, loose speaker connections	Increase volume, check mute status, verify audio output settings, inspect speaker wiring.
GPS signal lost or inaccurate	GPS antenna obstructed or improperly placed, software issue	Ensure GPS antenna has a clear view of the sky. Check navigation software settings.
Bluetooth connection issues	Device not paired, Bluetooth off on phone or unit, interference	Ensure Bluetooth is enabled on both devices. Repair the device. Move away from sources of interference.
Touchscreen unresponsive	System freeze, dirty screen	Restart the unit (if possible). Clean the screen with a soft cloth.
CarPlay/Android Auto not connecting	Activation code not purchased, incorrect connection method, phone compatibility	Verify activation code purchase. Ensure correct wired/wireless connection. Check phone compatibility and software version.

If the problem persists after attempting these solutions, please contact DYNAVIN customer support or your authorized dealer.

8. SPECIFICATIONS

Feature	Description
Brand	Dynavin
Model Name	D8-B6S Flex
Vehicle Service Type	Car
Screen Size	10.1 Inches
Display Type	LCD, Capacitive Touchscreen
Resolution	1280 x 720 pixels
Operating System	Android OS
Processor	Quad-core
Internal Storage (ROM)	32 GB
Special Features	Apple CarPlay, Bluetooth, DAB, DSP, Touchscreen, Equalizer, GPS Navigation, RDS, Subwoofer, FM Tuner, SD Card Input

Feature	Description
Connectivity Technology	Bluetooth, WLAN (Wi-Fi)
Map Type	Europe (iGO NextGen with 46 countries including Turkey)
Audio Output Mode	Stereo
Product Dimensions (L x W x H)	47 x 28 x 19 cm
Product Weight	3 Kilograms
Compatible Devices	Smartphone
Control Method	Touch
Supported Satellite Navigation System	GPS
Manufacturer	DYNAVIN
Part Number	D8-B6S Flex

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product or visit the official DYNAVIN website. Keep your proof of purchase for warranty claims.

For technical support, troubleshooting assistance beyond this manual, or inquiries about activation codes and license files, please contact your authorized DYNAVIN dealer or DYNAVIN customer service directly.

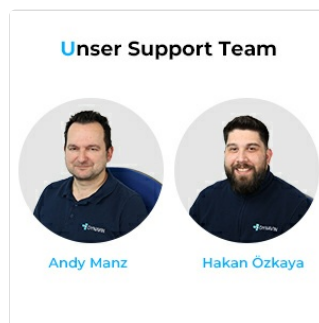


Image: An icon representing support, indicating where users can find assistance for their DYNAVIN product.