

ESX VN715-E39-DAB

ESX VN715-E39-DAB In-Car Navigation and Multimedia System User Manual

Model: VN715-E39-DAB

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your ESX VN715-E39-DAB In-Car Navigation and Multimedia System. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage. Keep this manual for future reference.

2. PRODUCT OVERVIEW AND FEATURES

The ESX VN715-E39-DAB is an advanced in-car multimedia system designed to enhance your driving experience with navigation, entertainment, and connectivity features. It integrates seamlessly into compatible BMW vehicles.

Key Features:

- **High-Resolution 8-inch Touchscreen:** Provides clear visuals and intuitive control.
- **Advanced Android i15 Operating System:** Offers a familiar and customizable user interface.
- **Google Maps Navigation:** Supports both online and offline navigation for reliable route guidance.
- **Mobile Internet Connectivity:** Connects via Wi-Fi hotspot for online services.
- **DAB+ Digital Radio:** Includes a DAB antenna for high-quality digital radio reception with station logos.
- **AM/FM Radio with RDS:** Standard analog radio reception with Radio Data System functionality.
- **Multi-format DVD Player:** Supports DVD, DVD-R/RW, DVD+R/RW, VCD, CD, CD Text, CD-R/RW, and MP3 formats.
- **Bluetooth Hands-Free Kit:** Enables safe phone calls and audio streaming with an internal microphone and optional external microphone connection.
- **Smartphone Integration:** Connect iPhone or Android smartphones via USB for various functions.
- **Voice Control:** Utilize voice commands through a connected smartphone.
- **Audio Outputs:** Pre-amplifier outputs for front, rear, subwoofer, and center channels.

- **Camera Input:** One adjustable camera input for reverse cameras.
- **Auxiliary Inputs/Outputs:** One AUX video input, two audio/video outputs, and one AUX audio input.
- **USB Ports:** Two USB ports for media and connectivity.
- **Micro SD Card Slot:** Dedicated slot for navigation data and media files.
- **Customization:** Personalize with customizable logos and wallpapers.
- **Authenticity Certificate:** Included with the product.

3. SETUP AND INSTALLATION

Installation of the ESX VN715-E39-DAB system requires technical knowledge and should ideally be performed by a qualified professional. Incorrect installation can lead to damage to the device or vehicle electrical system.

Compatibility:

This unit is compatible with specific BMW models and connector types:

- BMW 5 Series E39 (1996-2001) with 17-pin system connector.
- BMW 5 Series E39 (2002-2003) with 40-pin system connector.
- BMW X5 E53 (2000-2001) with 17-pin system connector.
- BMW X5 E53 (2002-2007) with 40-pin system connector.
- BMW M5 (1996-2003) with 17/40-pin system connector.

General Installation Steps (Professional Installation Recommended):

1. **Disconnect Battery:** Always disconnect the vehicle's battery before starting any electrical work.
2. **Remove Existing Unit:** Carefully remove the factory radio or navigation system from the dashboard.
3. **Connect Wiring Harness:** Connect the appropriate wiring harness (17-pin or 40-pin) to the vehicle's electrical system and the ESX unit. Ensure all connections are secure.
4. **Connect Antennas:** Connect the GPS antenna, DAB antenna, and radio antenna to their respective ports on the unit. Position the antennas for optimal reception.
5. **Connect Peripherals:** Connect any optional accessories such as a reverse camera, external microphone, USB devices, or auxiliary inputs/outputs.
6. **Mount the Unit:** Securely mount the ESX unit into the dashboard opening.
7. **Reconnect Battery:** Reconnect the vehicle's battery and test the system.



Figure 1: Rear Connections. This image displays the rear panel of the ESX VN715-E39-DAB unit, highlighting the various input and output ports for power, speakers, GPS, Wi-Fi, and other accessories. Proper connection of these ports is crucial for system functionality.

4. OPERATING INSTRUCTIONS

Familiarize yourself with the touchscreen interface and physical buttons for optimal use.

4.1 Basic Operation

- **Power On/Off:** Press and hold the power button (usually the VOL knob) to turn the unit on or off. A short press typically mutes or unmutes the audio.
- **Volume Control:** Rotate the VOL knob to adjust the audio volume.
- **Touchscreen Interface:** Navigate through menus and applications by tapping, swiping, and pinching on the 8-inch touchscreen.



Figure 2: Android Home Screen. This image shows the main interface of the ESX VN715-E39-DAB, featuring the Android operating system with various application icons such as navigation, radio, Bluetooth, and settings, accessible via the

4.2 Navigation

Access the navigation application (e.g., Google Maps) from the home screen. Input your destination, and the system will provide turn-by-turn directions. Ensure GPS antenna is properly connected for accurate positioning.



Figure 3: Navigation Interface. This image illustrates the navigation screen of the unit, showing a detailed map with a planned route and current location, demonstrating the system's guidance capabilities.

4.3 Radio (DAB+/AM/FM)

- **Select Mode:** Tap the 'Radio' or 'DAB+' icon on the home screen or press the 'BAND' button.
- **Scan Stations:** Use the 'AMS' (Auto Memory Store) button or on-screen controls to scan and save available stations.
- **Tune:** Manually tune using the 'TUNE' knob or on-screen frequency controls.
- **Presets:** Save your favorite stations to preset buttons (1-6) for quick access.



Figure 4: Radio Interface. This image displays the unit's radio screen, showing FM frequencies and preset options, indicating the current station and available tuning controls.

4.4 Bluetooth Connectivity

- **Pairing:** Go to the Bluetooth settings on the unit and your smartphone. Search for available devices and select 'ESX VN715-E39-DAB'. Enter the PIN if prompted (usually '0000' or '1234').
- **Hands-Free Calling:** Once paired, you can make and receive calls directly through the unit.
- **Audio Streaming:** Play music from your smartphone via Bluetooth A2DP.

4.5 Media Playback (DVD/USB/SD)

- **DVD:** Insert a DVD into the disc slot. The system will automatically switch to DVD mode or prompt you to select it.
- **USB/SD:** Insert a USB drive into a USB port or an SD card into the Micro SD slot. Access media files through the 'Media' or 'File Explorer' application.

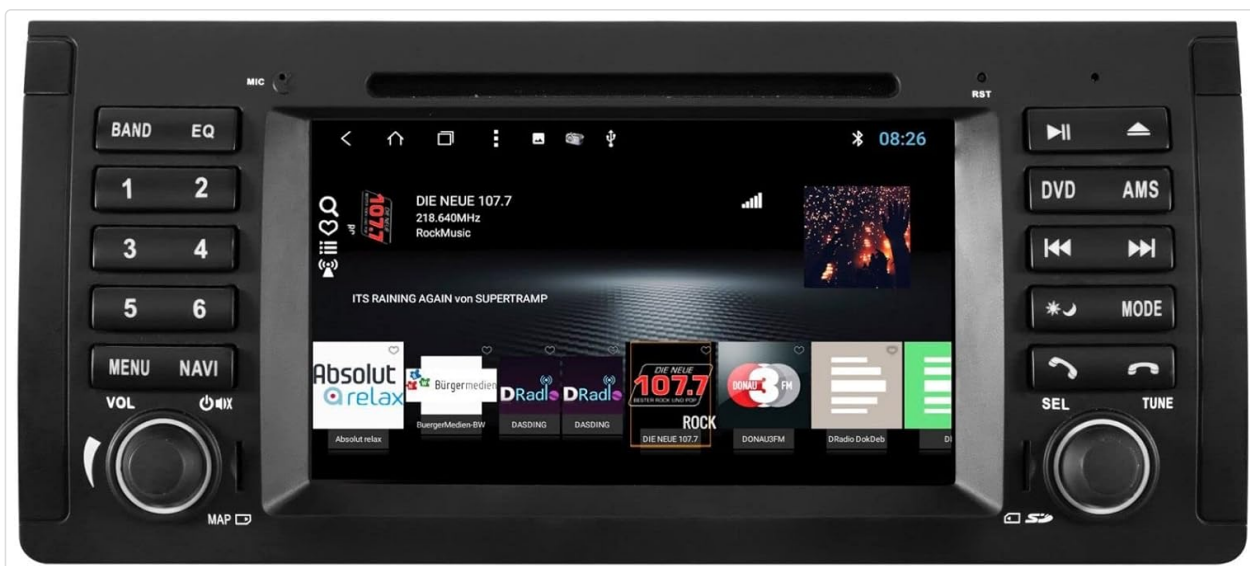


Figure 5: Media Playback. This image shows the unit's media playback screen, featuring album art and track details, indicating the system's ability to play audio or video from various sources.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your ESX VN715-E39-DAB system.

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals.
- **Software Updates:** Periodically check for software updates from the manufacturer's official website or through the unit's system settings (if available) to ensure you have the latest features and bug fixes.
- **Disc Drive Care:** Keep the DVD slot free of dust and debris. Avoid inserting damaged or non-standard discs.

6. TROUBLESHOOTING

If you encounter issues with your unit, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse, vehicle battery issue.	Check power cables and fuse. Ensure vehicle battery is charged. Consult a professional if issues persist.
No Sound	Volume muted, speaker wires disconnected, incorrect audio source.	Check volume level and mute status. Verify speaker connections. Select the correct audio source.
GPS Signal Lost	GPS antenna improperly connected or obstructed, unit in an area with poor satellite reception.	Ensure GPS antenna is securely connected and has a clear view of the sky. Move to an open area.
Bluetooth Pairing Failure	Bluetooth not enabled on device, incorrect PIN, device out of range.	Ensure Bluetooth is active on both devices. Re-enter PIN. Bring devices closer. Restart both devices.

Problem	Possible Cause	Solution
Touchscreen Unresponsive	System freeze, dirt on screen.	Perform a soft reset (refer to device settings or power cycle). Clean the screen.

If these steps do not resolve the issue, please contact customer support or a qualified service technician.

7. SPECIFICATIONS

Detailed technical specifications for the ESX VN715-E39-DAB unit:

- **Brand:** ESX
- **Model:** VN715-E39-DAB
- **Screen Size:** 8 Inches
- **Display Type:** LCD
- **Operating System:** Android i15
- **Connectivity Technology:** Bluetooth, USB, Wi-Fi (via hotspot)
- **Media Type:** DVD, DVD-R/RW, DVD+R/RW, VCD, CD, CD Text, CD-R/RW, MP3, USB, Micro SD
- **Radio Tuner:** DAB+, AM/FM with RDS
- **Navigation:** Google Maps (online/offline)
- **Compatibility:** BMW 5 Series E39 (1996-2003), BMW X5 E53 (2000-2007), BMW M5 (1996-2003)
- **Origin:** China

8. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your purchase or contact your retailer. For technical support, please visit the official ESX website or contact their customer service department. Ensure you have your model number (VN715-E39-DAB) and proof of purchase available when seeking support.