

Phonocar VM069

Phonocar VM069 6.2-inch 2 DIN Car Radio Navigator User Manual

Model: VM069 | Brand: Phonocar

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Phonocar VM069 6.2-inch 2 DIN Car Radio Navigator. Please read this manual thoroughly before using the product to ensure correct operation and to prevent damage.

The Phonocar VM069 is a versatile multimedia system featuring a 6.2-inch digital touch screen, satellite navigation with iGo Primo maps, USB and SD card inputs, Bluetooth hands-free calling, and support for various audio and video formats.

2. SAFETY INFORMATION

- Always ensure the vehicle is parked safely before operating the device's complex functions, such as navigation input or settings adjustments.
- Professional installation is recommended for car audio systems to prevent damage to the vehicle's electrical system or the unit itself.
- Do not expose the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- Keep the volume at a level that allows you to hear external traffic sounds.
- Disconnect the vehicle's battery before beginning installation to avoid electrical shorts.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- Phonocar VM069 Main Unit
- External Microphone
- GPS Antenna
- Wiring Harnesses (Power, Speaker, RCA)
- Mounting Hardware

- User Manual (this document)
- Navigation Software (pre-installed or on SD card)

4. PRODUCT OVERVIEW

The Phonocar VM069 features a user-friendly interface with both physical buttons and a touch screen for control. Below is an illustration of the front panel and its key components.



Figure 1: Front panel of the Phonocar VM069 unit, showing the 6.2-inch display, physical controls on the left, and main menu icons for Radio, Navigation, and Bluetooth.

Front Panel Controls:

- **NAVI Button:** Direct access to the navigation system.
- **MENU Button:** Accesses the main menu or returns to the previous screen.
- **Rotary Knob:** Adjusts volume, navigates menus, and confirms selections.
- **SD Slot:** For multimedia playback and navigation maps.
- **USB Port:** For multimedia playback.
- **AV IN:** Auxiliary audio/video input.

Touch Screen Interface:

- **Main Display Area:** Shows current time, date, and active function.
- **Main Function Icons:** "Radio", "Navi", "BT" (Bluetooth) for quick access.
- **Source Icons (Bottom Row):** "ALL SRC" (All Sources), "DAB" (Digital Audio Broadcasting, requires VM222 module), "USB", "SDHC", "Settings".

5. SETUP AND INSTALLATION

This section provides general guidelines for installing the Phonocar VM069. Due to the complexity of vehicle wiring,

professional installation is highly recommended.

5.1 Wiring Connections

Refer to the wiring diagram provided with your unit for specific connections. Key connections include:

- **Power:** Connect the yellow wire to constant 12V, red wire to accessory 12V (switched), and black wire to ground.
- **Speakers:** Connect speaker wires to the corresponding vehicle speaker wires, ensuring correct polarity.
- **External Microphone:** Plug the external microphone into its dedicated input for optimal hands-free call quality.
- **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield.
- **Rear Camera Input:** Connect a compatible rear-view camera to the designated input for automatic activation when reversing.
- **Steering Wheel Controls:** Connect to the vehicle's steering wheel control interface (if applicable) for integrated control. The unit supports resistive steering wheel controls directly and CAN-BUS via external modules.

5.2 Mounting the Unit

The VM069 is a 2 DIN unit. Ensure your vehicle's dashboard opening is compatible. Secure the unit using the provided mounting brackets and screws.

6. OPERATING INSTRUCTIONS

6.1 Power On/Off

Press the power button (usually integrated with the rotary knob) to turn the unit on or off. The unit will automatically power on with the vehicle's ignition.

6.2 Main Menu Navigation

From the main screen, tap the desired icon to access functions:

- **Radio:** Access FM/AM tuner.
- **Navi:** Launch the navigation software.
- **BT (Bluetooth):** Access Bluetooth functions.
- **ALL SRC:** View all available media sources.
- **DAB:** Access DAB+ radio (requires optional VM222 module).
- **USB/SDHC:** Play media from USB drives or SD cards.
- **Settings:** Adjust system settings.

6.3 Radio Operation

1. Tap "Radio" on the main menu.
2. Select FM or AM band.
3. Use the seek/scan buttons to find stations or manually tune.
4. Press and hold a preset button to save the current station (up to 18 FM and 12 AM stations).
5. RDS (Radio Data System) functions will display station information where available.

6.4 Navigation System

The VM069 comes with iGo Primo satellite navigation. Ensure the navigation SD card is inserted into the dedicated micro SD slot.

1. Tap "Navi" on the main menu or press the physical NAVI button.
2. Follow the on-screen prompts to enter your destination.
3. The system will calculate the route and provide turn-by-turn voice guidance.

6.5 Bluetooth Connectivity

The unit supports hands-free calling and A2DP audio streaming.

1. Tap "BT" on the main menu.
2. On your mobile device, search for Bluetooth devices and select "Phonocar VM069".
3. Enter the pairing code (usually "0000" or "1234") if prompted.
4. Once paired, you can make/receive calls, access your phonebook, and stream audio. The external microphone ensures clear call quality.

6.6 USB and SD Card Playback

Insert a USB drive into the front or rear USB port, or an SD card into the multimedia SD slot. The unit supports up to 64GB capacity.

1. Tap "USB" or "SDHC" from the main menu or "ALL SRC".
2. Browse your media files (audio, video, images) and select to play.

6.7 System Settings

Tap "Settings" to access various system configurations:

- **Audio Settings:** Adjust equalizer, subwoofer levels, and filter settings.
- **Display Settings:** Adjust brightness, contrast, and color.
- **General Settings:** Set date, time, language, and other system preferences.
- **Steering Wheel Control Setup:** Configure the unit to work with your vehicle's resistive steering wheel controls.

7. MAINTENANCE

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touch screen. Do not use abrasive cleaners or solvents.
- **General Cleaning:** Wipe the unit's exterior with a soft, dry cloth.
- **Software Updates:** Check the Phonocar website for any available firmware updates for improved performance or new features.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Incorrect wiring; Blown fuse.	Check power connections (yellow, red, black wires). Inspect and replace fuses if necessary.
No sound	Speaker wires disconnected; Volume too low; Mute activated.	Check speaker connections. Increase volume. Deactivate mute function.
Navigation not working	SD card not inserted or corrupted; GPS antenna not connected or poor signal.	Ensure navigation SD card is correctly inserted. Check GPS antenna connection and placement.

Problem	Possible Cause	Solution
Bluetooth pairing failure	Device not in pairing mode; Incorrect PIN; Interference.	Ensure both devices are in pairing mode. Re-enter PIN. Move closer to the unit.
Poor screen visibility in daylight	Screen brightness settings; Direct sunlight glare.	Adjust screen brightness in settings. Position the unit to minimize direct glare if possible.

9. SPECIFICATIONS

- **Model:** VM069
- **Display:** 6.2-inch TFT/LCD Wide Touch Screen, 800 x 480 pixels resolution
- **Connectivity:** Bluetooth (hands-free, A2DP), USB (front & rear), SD Card (multimedia & navigation)
- **Navigation:** iGo Primo maps (Italy NV970, Europe NV980, Truck NV950 options)
- **Radio Tuner:** FM-AM-RDS-EON PLL, 18 FM / 12 AM presets
- **Media Support:** Wide range of audio/video formats, up to 64GB for SD/USB
- **Audio Features:** Equalizer, adjustable subwoofer levels and filter
- **Inputs:** 1x Front AV, 1x Rear Camera (auto-activation)
- **Outputs:** 4+1 Audio outputs (amplified), 1x Video output
- **Special Features:** External microphone, integrated resistive steering wheel controls, DAB+ ready (requires VM222 module)
- **Color:** Grey

10. WARRANTY AND SUPPORT

Phonocar products are designed and manufactured to the highest quality standards. For warranty information, please refer to the warranty card included with your product or visit the official Phonocar website.

For technical support, troubleshooting assistance beyond this manual, or inquiries about spare parts, please contact your authorized Phonocar dealer or the Phonocar customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

ASK A QUESTION ABOUT THIS MANUAL

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