

PHONOCAR VM003

Phonocar VM003 Mediastation Android User Manual

Model: VM003 | Brand: PHONOCAR

[Introduction](#)
[Operating](#)
[Instructions](#)

[Safety Information](#)
[Specifications](#)

[Package](#)
[Contents](#)

[Maintenance](#)

[Setup &](#)
[Installation](#)

[Troubleshooting](#)

[Support](#)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Phonocar VM003 Mediastation. The VM003 is an advanced car multimedia system featuring a 6.75-inch capacitive touchscreen, running on Android 12. It offers online navigation, USB media playback, Bluetooth connectivity for calls and music, and an input for a rear camera.



Image 1.1: Front view of the Phonocar VM003 Mediastation displaying its Android home screen with various application icons.



Image 1.2: Front view of the Phonocar VM003 Mediastation displaying the date, time, and a music player interface.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installing and operating the device. Failure to follow these instructions may result in injury or damage to the device or vehicle.

- Ensure the vehicle's engine is off and the parking brake is engaged before installation.
- Disconnect the vehicle's battery negative terminal before starting any electrical work.
- Consult a professional installer if you are unsure about any part of the installation process.
- Do not operate the device in a way that distracts you from driving.
- Avoid exposing the device to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

3. PACKAGE CONTENTS

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

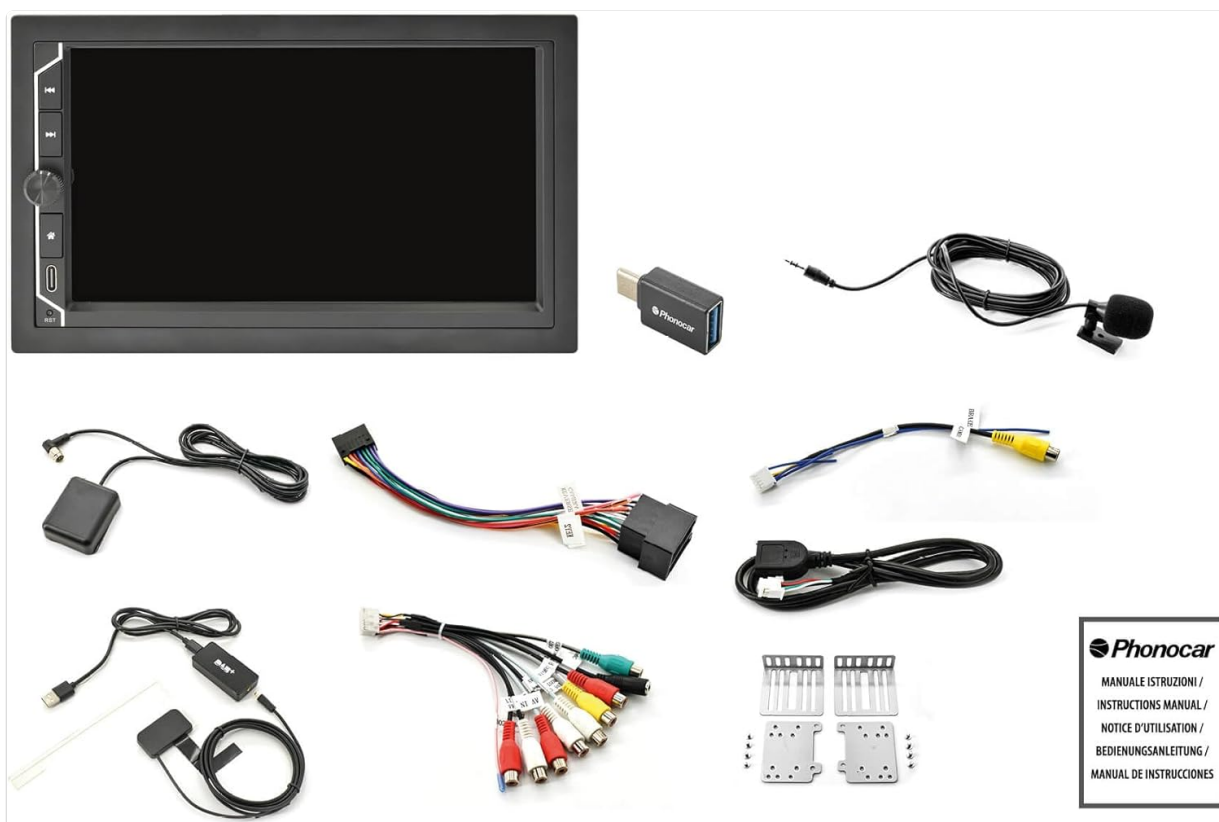


Image 3.1: Overview of the Phonocar VM03 Mediastation and its complete set of accessories, including various connection cables, a USB adapter, an external microphone, and mounting brackets.

- Phonocar VM03 Mediastation Unit
- Power/Speaker Harness
- USB Type-C to Type-A Adapter
- External Microphone
- GPS Antenna
- DAB+ USB Receiver
- A/V Input Cable
- Mounting Brackets and Screws
- User Manual (this document)

4. SETUP & INSTALLATION

The Phonocar VM003 is designed for a perfect, "extraslim" installation. Proper installation is crucial for optimal performance. It is recommended to have this unit installed by a qualified professional.

4.1 Wiring Connections

- **Power Harness:** Connect the main power and speaker harness to the vehicle's wiring. Ensure correct polarity and secure connections.
- **USB Ports:**
 - One rear USB Type-A port for DAB+ receiver or multimedia (max 128 GB).
 - One front USB Type-C port (max 128 GB). An adapter from Type-C to Type-A is included.
- **A/V Input:** Connect external audio/video sources to the rear A/V input.
- **Rear Camera Input:** Connect your vehicle's rear camera to the dedicated input for automatic display when reversing.
- **Steering Wheel Controls:** The unit supports steering wheel controls for integrated functionality. Refer to your vehicle's specific wiring diagram for connection.
- **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky for optimal navigation performance.
- **DAB+ Antenna:** Connect the DAB+ USB receiver and its antenna for digital radio reception.

4.2 Mounting

Use the provided mounting brackets and screws to secure the Mediastation firmly into your vehicle's dashboard. Ensure the unit is stable and does not obstruct any vehicle controls or airbags.

5. OPERATING INSTRUCTIONS

The Phonocar VM003 operates on Android 12, providing a familiar and intuitive user experience via its 6.75-inch capacitive touchscreen.

5.1 Basic Operation

- **Power On/Off:** The unit typically powers on with the vehicle's ignition. A physical power button or a long press on the volume knob may also control power.
- **Volume Control:** Adjust audio volume using the rotary knob or on-screen controls.
- **Touchscreen:** Navigate through menus and applications by tapping, swiping, and pinching on the capacitive touchscreen.
- **Home Screen:** Access various applications and settings from the customizable Android home screen.

5.2 Navigation

The VM003 supports online navigation. Install your preferred navigation application from the Google Play Store. Ensure the GPS antenna is properly connected for accurate positioning.

- Launch your chosen navigation app from the home screen.
- Enter your destination and follow the on-screen and voice-guided directions.
- The unit remembers the last position for convenience.

5.3 Bluetooth Connectivity

Connect your smartphone via Bluetooth for hands-free calling and audio streaming.

1. Go to the Bluetooth settings on the Mediastation.
2. Enable Bluetooth on your smartphone and search for available devices.
3. Select "VM003" (or similar device name) from your phone's list and pair.
4. Confirm the pairing code if prompted.
5. Once connected, you can make/receive calls and stream music through the car's speakers.

5.4 USB Media Playback

The unit supports various audio and video file formats from USB storage devices (max 128 GB).

- Insert a USB drive into either the front Type-C port (using the adapter if needed) or the rear Type-A port.
- Access the "Music" or "Video" application from the home screen.
- Browse your files and select the desired media for playback.
- **Supported Audio Files:** MP3, AAC, WAV, FLAC, APE.
- **Supported Video Files:** MPEG, AVI, RM, FLV, ASF/WMV, MP4, MKV, OGM, TS.

5.5 Radio (FM/AM/RDS/DAB+)

Tune into your favorite radio stations using the built-in FM/AM/RDS tuner or the external DAB+ receiver.

- Launch the "Radio" application.
- Use the on-screen controls to scan for stations, save presets, and switch between FM/AM bands.
- For DAB+ radio, ensure the DAB+ USB receiver and antenna are connected. Select the DAB+ source in the radio application to access digital stations.

5.6 Rear Camera Input

When a rear camera is connected, the display will automatically switch to the camera view when the vehicle is put into reverse gear.

- Ensure the rear camera is properly wired to the dedicated input and the reverse trigger wire.
- The camera view provides assistance for parking and maneuvering.

6. SPECIFICATIONS

Feature	Description
Brand	PHONOCAR
Model Name	VM003
Operating System	ANDROID 12
ROM Memory	32 GB
RAM Memory	2 GB
Display Type	TFT/LCD Capacitive Touch Screen
Screen Size	6.75 inches

Feature	Description
Resolution	1024x600 pixels
Radio Tuner	FM/AM/RDS/EON PLL
DAB+ Receiver	USB (external)
USB Ports	1x Rear Type-A (max 128GB), 1x Front Type-C (max 128GB)
A/V Input	1x Rear A/V Input
Connectivity Technology	Bluetooth
Supported Audio Files	MP3, AAC, WAV, FLAC, APE
Supported Video Files	MPEG, AVI, RM, FLV, ASF/WMV, MP4, MKV, OGM, TS
Batteries Included	No

7. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your Mediastation.

- **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-cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for software updates through the device's settings or the manufacturer's website to ensure you have the latest features and bug fixes.
- **General Care:** Keep the unit free from dust and debris. Ensure proper ventilation around the unit to prevent overheating.

8. TROUBLESHOOTING

If you encounter issues with your Phonocar VM003, refer to the following common problems and solutions.

No Power

- Check all power connections to ensure they are secure.
- Verify the vehicle's fuse for the stereo system is intact.
- Ensure the vehicle's ignition is on.

No Sound

- Check the volume level and ensure it is not muted.
- Verify speaker connections are correct and secure.
- Ensure the correct audio source is selected.

Bluetooth Connection Issues

- Ensure Bluetooth is enabled on both the Mediastation and your smartphone.
- Delete previous pairings on both devices and attempt to pair again.
- Move your smartphone closer to the Mediastation.

GPS Signal Loss

- Ensure the GPS antenna is properly connected and mounted in a location with a clear view of the sky.
- Avoid placing objects that could block the GPS signal near the antenna.

If the problem persists, please contact Phonocar customer support or your authorized dealer.

9. WARRANTY AND SUPPORT

Your Phonocar VM003 Mediastation comes with a standard manufacturer's warranty. Please refer to the warranty card included in your package for specific terms and conditions.

For technical support, service, or warranty claims, please contact your authorized Phonocar dealer or visit the official Phonocar website.

You can also find more information and support resources on the [PHONOCAR Official Store](#).