Manuals+
Q & A | Deep Search | Upload

Phonocar VM173

Phonocar VM173 7-Inch LCD Screen User Manual

Model: VM173

1. Introduction

The Phonocar VM173 is a versatile 7-inch LCD screen designed for in-car use, suitable for dashboard or headrest mounting. It supports both 16:9 and 4:3 aspect ratios, and is compatible with PAL/NTSC video formats with automatic switching. Featuring a resolution of 480x234 pixels, it offers adjustable brightness and contrast. The unit includes touch-sensitive controls, an IR remote control, and multiple input options for video and audio, making it an ideal display solution for various automotive applications.

2. Safety Information

- Read all instructions carefully before operating the device.
- Do not expose the unit to extreme temperatures, direct sunlight, or excessive moisture.
- Ensure proper ventilation around the unit to prevent overheating.
- Disconnect power before cleaning or performing any maintenance.
- Do not attempt to disassemble or modify the unit. Refer all servicing to qualified personnel.
- Securely mount the screen to prevent it from becoming a projectile during sudden stops or accidents.

3. Product Overview

3.1 Features

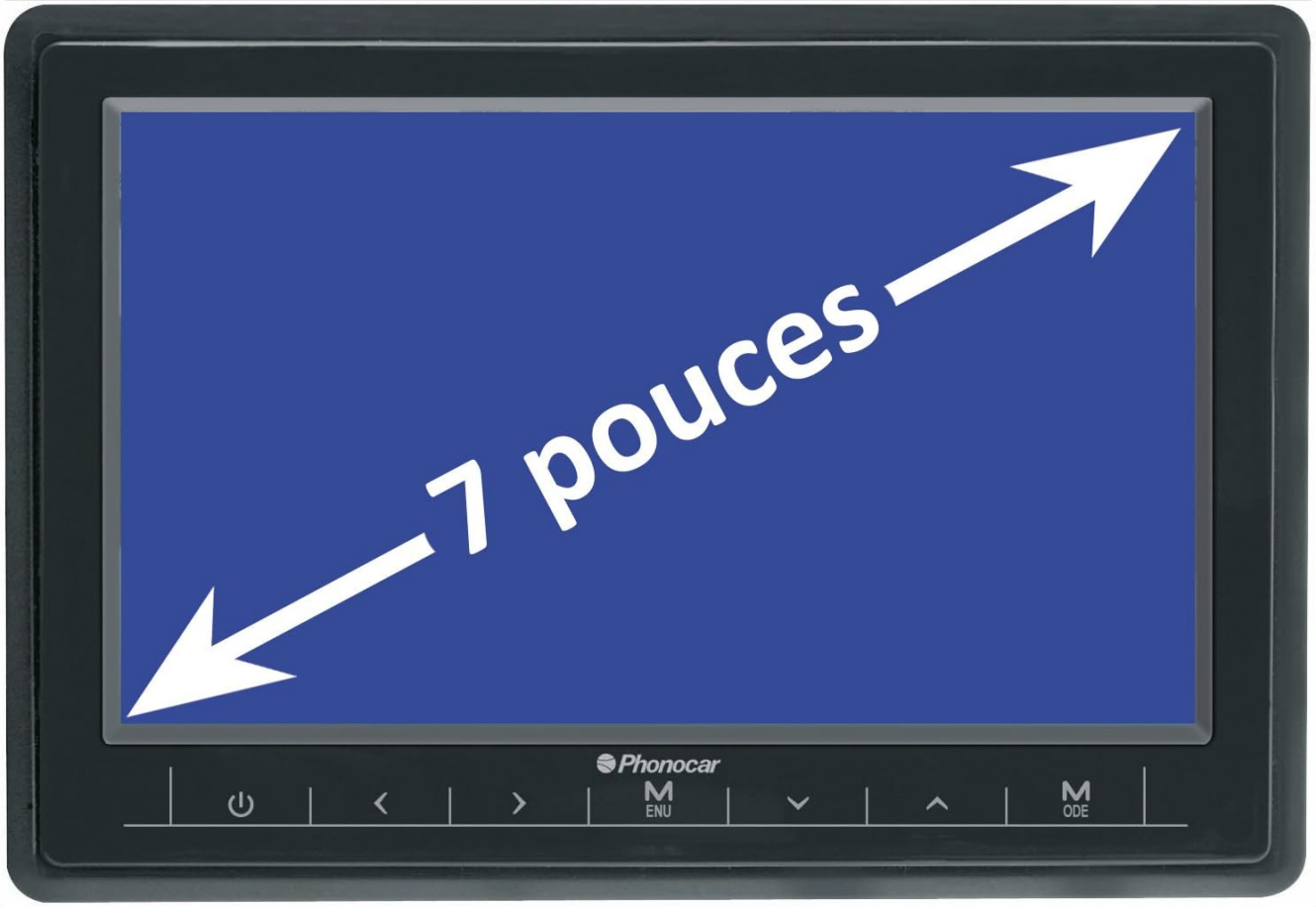
- 7-inch LCD display
- 16:9 and 4:3 aspect ratio compatibility
- PAL/NTSC auto-switching video system
- 480x234 RGB resolution
- Mirror function (vertical or horizontal)
- Adjustable color, contrast, and brightness
- IR remote control (with 2 channels for optional infrared headphones)
- Touch-sensitive control keys
- 2 Video inputs, 1 Audio input
- DC12V power input

3.2 Components

The package typically includes:

- Phonocar VM173 LCD Screen
- IR Remote Control
- AV Input Cable
- Flat surface mounting bracket
- Headrest mounting bracket

3.3 Controls and Connections



This image displays the Phonocar VM173 7-inch LCD screen. The screen itself is black with a silver bezel. A white arrow diagonally crosses the blue display area, indicating the 7-inch screen size. Below the screen, there are touch-sensitive control buttons: a power button, left/right navigation, menu (M/ENU), up/down navigation, and mode (M/ODE) buttons. The Phonocar logo is centered below the screen.

The control buttons are located on the front bezel below the screen:

- **Power Button ( ):** Turns the unit on or off.
- **Menu Button (M/ENU):** Accesses the on-screen display (OSD) menu for settings.
- **Navigation Buttons (<, >, ˇ, ˆ):** Used to navigate through menu options and adjust settings.
- **Mode Button (M/ODE):** Switches between available video input sources.

Connections are typically located on the rear or side of the unit:

- **DC12V Power Input:** For connecting to the vehicle's 12V power supply.
- **Video Inputs (x2):** RCA connectors for video signals from external sources.
- **Audio Input (x1):** RCA connector for audio signals.

4. Setup

4.1 Mounting the Screen

The VM173 offers two primary mounting options:

1. **Flat Surface Mounting:** Use the provided flat mounting bracket to secure the screen to a dashboard or other flat surface. Ensure the surface is clean and stable before installation.
2. **Headrest Mounting:** Utilize the headrest mounting bracket to integrate the screen into a vehicle's headrest. Follow the specific instructions for your vehicle's headrest type to ensure a secure and stable fit.

Important: *Ensure the screen is mounted securely and does not obstruct the driver's view or interfere with airbag deployment.*

4.2 Connecting Power and Inputs

1. **Power Connection:** Connect the DC12V power cable to the unit's power input and to a suitable 12V power source in your vehicle. It is recommended to connect to an ignition-switched power source to prevent battery drain.
2. **Video Input:** Connect your video source (e.g., DVD player, backup camera) to one of the video input RCA connectors. The unit has two video inputs (Video 1, Video 2).
3. **Audio Input:** If your video source also provides audio, connect its audio output to the unit's audio input RCA connector.

5. Operating Instructions

5.1 Powering On/Off

Press the (Power) button on the front bezel or the remote control to turn the unit on or off.

5.2 Selecting Input Source

Press the M/ODE (Mode) button on the front bezel or the remote control to cycle through the available video input sources (Video 1, Video 2).

5.3 Adjusting Settings (OSD Menu)

Press the M/ENU (Menu) button to access the On-Screen Display (OSD) menu. Use the navigation buttons (<, >, ˇ, ˆ) to:

- Adjust **Brightness**, **Contrast**, and **Color** levels.
- Change the **Aspect Ratio** (16:9 or 4:3).
- Activate the **Mirror Function** (vertical or horizontal image flip).
- Select the **Video System** (PAL/NTSC, though typically auto-switches).

Press the M/ENU button again to exit the menu.

5.4 Using the IR Remote Control

The included IR remote control provides convenient access to all functions. Point the remote directly at the IR receiver on the unit. The remote also supports 2 channels for optional infrared headphones, allowing passengers to

listen to audio wirelessly.

6. Maintenance

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the screen. For stubborn smudges, slightly dampen the cloth with water or a screen-cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Cleaning the Unit:** Wipe the exterior of the unit with a dry, soft cloth.
- **Storage:** If storing the unit for an extended period, disconnect it from power and store it in a cool, dry place away from direct sunlight.

7. Troubleshooting

Problem	Possible Cause	Solution
No power	Power cable disconnected or fuse blown.	Check power connections. Verify vehicle's fuse for the power circuit.
No image/sound	Incorrect input selected or video/audio cables disconnected.	Press M/ODE to select the correct input. Check all video and audio cable connections.
Image distorted or poor quality	Incorrect aspect ratio, video system mismatch, or poor signal quality.	Adjust aspect ratio in OSD menu. Ensure video source is compatible (PAL/NTSC). Check video cable for damage.
Remote control not working	Batteries low or IR path blocked.	Replace remote control batteries. Ensure no obstructions between remote and unit's IR receiver.

8. Specifications

Feature	Detail
Brand	Phonocar
Model	VM173
Screen Size	7 inches (17.78 cm)
Display Type	LCD
Resolution	RGB 480x234 pixels
Aspect Ratio	16:9 and 4:3 compatible
Video System	PAL / NTSC (auto-switch)
Brightness	250 nits
Viewing Angle	60° horizontal - 60° vertical

Feature	Detail
Connections	2 Video Input (RCA), 1 Audio Input (RCA)
Power Input	DC12V
Dimensions (L x H x P)	178mm x 118mm x 20mm
USB Port	None

9. Warranty and Support

9.1 Manufacturer Warranty

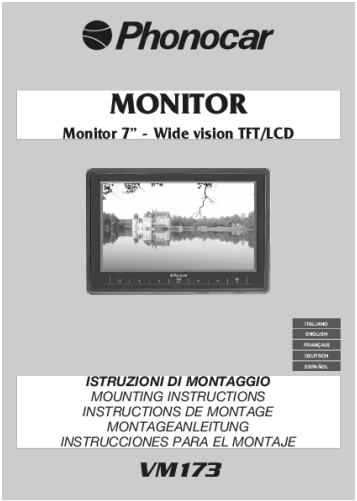
This Phonocar VM173 unit comes with a**1-year manufacturer warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact Phonocar customer service through their official website or authorized distributors. Provide your product model number (VM173) and purchase details when seeking support.

© 2023 Phonocar. All rights reserved.

Documents - Phonocar – VM173

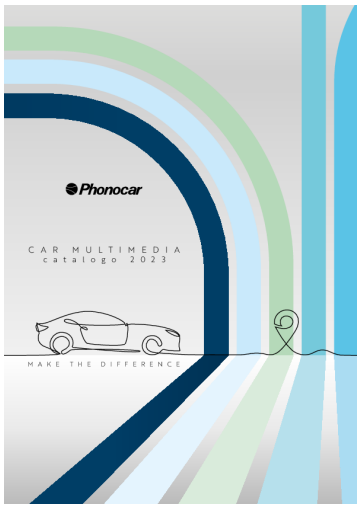


[pdf] Instructions

MONITOR 759167 pantalla phonocar vm173 medias norauto es |||

MONITOR Monitor 7 - Wide vision TFT/LCD ITALIANO ENGLISH FRANAIS DEUTSCH ESPAOL ISTRUZIONI DI MONTA ... /5/EC R TTE DECLARATION OF CONFORMITY to the directives 1999/5/EC R TTE IT Phonocar dichiara che il **VM173** conforme ai requisiti essenziali e a tutte le altre disposizioni pertinenti stabilite dalla d...

lang:es score:42 filesize: 154.56 K page_count: 4 document date: 2015-12-10



[pdf] Catalog

C A R M U L T I E D G Car Piemonte 1 ingresso retrocamera WI FI Vivavoce Bluetooth con microfono esterno A2DP Antenna GPS Navigazione ONLINE Phonocar Cat Multimedia 2023 IT LOW gcarpiemonte it 01 |||

CAR MULTIMEDIA catalogo 2023 MAKE THE DIFFERENCE MAKE THE DIFFERENCE MEDIASTATION 2DIN Apple Ca ... da poggiatesta Android 10.1 VM154..... p. 33 da poggiatesta 10.1 VM149..... p. 34 7 **VM173**..... p. 35 da tetto 21.5 VM188..... p. 36 17 VM198..... p. 37 13.3 VM183...

lang:it score:23 filesize: 10.69 M page_count: 64 document date: 2022-10-27

[pdf] Instructions

FI VM173 indd information 373692 ecran lcd auto phonocar vm 173 asset conrad media10 add 160267 c1 gl 000373692IN01 |||

MONITOR Monitor 7 - Wide vision TFT/LCD ITALIANO ENGLISH FRANAIS DEUTSCH ESPAOL ISTRUZIONI DI MONTAGGIO ASSEMBLING INSTRUCTIONS INSTRUCTIONS DE MONTAGE MONTAGEANLEITUNG INSTRUCCIONES PARA EL MONTAJE VM 173 Precauzioni Warning IT- GB IT - L installazione di questa unit in posti non idonei potre...

lang:it score:14 filesize: 1.21 M page_count: 8 document date: 2011-02-17