

MACROM M-AN900

Macrom M-AN900 Android Car Multimedia System User Manual

Model: M-AN900 | Brand: MACROM

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Macrom M-AN900 Android Car Multimedia System. Please read this manual thoroughly before using the product to ensure correct usage and optimal performance. Keep this manual for future reference.

The Macrom M-AN900 is a 1 DIN car multimedia system featuring a 9-inch capacitive touchscreen, Android 8.1 operating system, Bluetooth connectivity, and multiple USB ports for enhanced in-car entertainment and navigation.

2. IMPORTANT SAFETY INFORMATION

- **Professional Installation:** Installation of this product should be performed by a qualified technician to prevent damage to the vehicle or the unit.
- **Power Supply:** Connect the unit only to a 12V DC power supply with a negative ground.
- **Driving Safety:** Do not operate the unit's complex functions or watch videos while driving. Always prioritize road safety.
- **Wiring:** Ensure all wiring is correctly connected according to the wiring diagram to avoid short circuits or malfunctions.
- **Temperature:** Avoid exposing the unit to extreme temperatures, direct sunlight, or excessive moisture.
- **Cleaning:** Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.

3. SETUP AND INSTALLATION

3.1. Package Contents

Before installation, verify that all components are present:

- Macrom M-AN900 Head Unit
- Power Harness
- GPS Antenna
- USB Cables (x3)
- Mounting Brackets and Screws
- User Manual (this document)

3.2. Physical Installation

The M-AN900 is designed for a 1 DIN slot. Ensure your vehicle has a compatible opening. Professional installation is highly recommended.

1. Remove the existing car stereo or blanking plate from the dashboard.
2. Connect the wiring harness to the vehicle's electrical system.
3. Connect the GPS antenna and route it to a location with a clear view of the sky (e.g., dashboard, under windshield).
4. Connect the USB cables and route them to an accessible location (e.g., glove compartment, center console).
5. Slide the M-AN900 unit into the 1 DIN opening and secure it using the provided mounting brackets and screws.
6. Reassemble the dashboard trim.

3.3. Initial Power On

After installation, turn on your vehicle's ignition. The unit should power on automatically. Follow any on-screen prompts for initial setup, such as language selection and time zone.

4. OPERATING INSTRUCTIONS

4.1. User Interface Overview

The Macrom M-AN900 features a 9-inch capacitive touchscreen with an intuitive Android interface. The main screen provides access to various functions and applications.



Image 4.1: Main screen interface of the Macrom M-AN900, showing icons for Navigation, Radio, Video, Music, Bluetooth, BT Music, AV IN, and Chrome browser.



Image 4.2: Diagram illustrating the screen layout with numbered side buttons (1-4), main application area (6), and the swipe gesture (7) for navigating between screens. Element 5 points to the bottom navigation bar.

The left side of the screen typically features quick access buttons (1-4), while the main area (6) displays application icons. The bottom bar (5) contains Android navigation buttons. Swipe left or right (7) on the main application area to access additional screens with more apps.

4.2. Basic Navigation

- **Touch Screen:** Tap icons to open applications, swipe to navigate between screens, and use pinch-to-zoom gestures where supported.
- **Home Button:** Returns to the main home screen.
- **Back Button:** Returns to the previous screen or closes the current application.
- **Recent Apps Button:** Displays recently opened applications for quick switching.

4.3. Bluetooth Connectivity

To connect your mobile device via Bluetooth:

1. Tap the "Bluetooth" icon on the main screen.
2. Enable Bluetooth on your mobile device and make it discoverable.
3. On the M-AN900, search for available devices. Select your device from the list.
4. Confirm the pairing code on both devices.
5. Once paired, you can make hands-free calls and stream audio via "BT Music".

4.4. USB Media Playback

The unit features three USB ports. Connect a USB drive containing audio or video files to one of the ports. The system will automatically detect the drive, and you can access your media through the "Music" or "Video" applications.

4.5. GPS Navigation

The integrated GPS receiver allows for online navigation. Tap the "Navi" icon to launch the pre-installed navigation application or download your preferred navigation app from the Google Play Store (requires internet connection).

4.6. Android Features

Being an Android-based system, the M-AN900 supports various Android applications. Connect to a Wi-Fi hotspot (e.g., from your mobile phone) to access the internet, download apps, and use online services like the Chrome browser.

5. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touchscreen. For stubborn smudges, slightly dampen the cloth with water. Do not spray cleaners directly onto the screen.

- **Software Updates:** Periodically check for software updates through the system settings to ensure optimal performance and access to new features.
- **Avoid Liquids:** Keep liquids away from the unit to prevent internal damage.
- **Temperature Control:** Do not leave the unit in extreme hot or cold conditions for extended periods.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Vehicle power issue.	Check power connections and fuses. Consult a professional installer.
No sound.	Volume too low; Mute activated; Speaker wiring issue.	Increase volume. Check mute setting. Verify speaker connections.
Bluetooth connection fails.	Device not discoverable; Incorrect pairing code; Interference.	Ensure Bluetooth is enabled and discoverable on both devices. Re-attempt pairing. Move closer to the unit.
GPS signal lost or inaccurate.	GPS antenna obstructed or improperly placed.	Ensure GPS antenna has a clear view of the sky. Check antenna connection.
Touchscreen unresponsive.	Temporary software glitch; Screen damage.	Restart the unit (turn vehicle ignition off and on). If issue persists, contact support.

7. SPECIFICATIONS

Feature	Detail
Model Number	M-AN900
Brand	MACROM
Screen Size	9 inches (22.7 cm)
Screen Type	Capacitive Touchscreen
Operating System	Android 8.1 Oreo
RAM	2 GB
Internal Storage	16 GB Flash Memory
Connectivity	Bluetooth, USB (3 ports), Wi-Fi (via hotspot)
GPS Receiver	Integrated
Audio Output Mode	Stereo, Surround Sound
Surround Sound Configuration	5.1 Channels
Number of Channels	6

Feature	Detail
Compatible Devices	Mobile device, Speaker, Personal computer, Tablet, Mobile phone, Laptop
DAB Support	Optional (via MAN.DAB USB connection)

8. WARRANTY AND SUPPORT

MACROM products are manufactured to high-quality standards. For warranty information, please refer to the warranty card included with your product or visit the official MACROM website. Keep your proof of purchase for warranty claims.

For technical support, troubleshooting assistance beyond this manual, or service inquiries, please contact your authorized MACROM dealer or the MACROM customer service department. Contact details can typically be found on the official MACROM website or in your product packaging.

Please note that unauthorized modifications or improper installation may void your warranty.