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› Inefala 10-inch Touch Screen Car Radio User Manual

Inefala Inefala-A3846A4MI2-EU60

Inefala 10-inch Touch Screen Car Radio User Manual

Model: Inefala-A3846A4MI2-EU60 | Brand: Inefala

1. OVERVIEW

The Inefala 10-inch Touch Screen Car Radio is an advanced 2 DIN multimedia system designed for vehicle integration. Running on Android 13, it offers a comprehensive suite of features including wireless Carplay and Android Auto compatibility, integrated GPS navigation, Wi-Fi connectivity, FM/RDS radio, USB ports, and support for a reverse camera. With 2GB RAM and 64GB ROM, it provides a smooth and responsive user experience for entertainment, communication, and navigation on the go.



Figure 1.1: The Inefala 10-inch Touch Screen Car Radio, showcasing its display, control knobs, and included accessories such as the external microphone, USB cables, and reverse camera.

2. KEY FEATURES

- **10-inch 2.5D HD Touch Screen:** Provides a clear and vibrant display with optimized sharpness, color, and contrast (1280x720 resolution).
- **Android 13 Operating System:** Enhanced performance, smoother operation, and comprehensive features with 2GB RAM and 64GB ROM.
- **Wireless Carplay & Android Auto:** Seamless integration with iOS and Android smartphones for navigation, music, calls, and more.
- **Built-in GPS Navigation:** Accurate positioning for reliable route guidance.
- **Wi-Fi Connectivity:** Access to online apps, streaming services, and internet browsing.
- **FM/RDS Radio Tuner:** Enjoy your favorite radio stations with clear reception.

- **Bluetooth Hands-Free Calling:** Built-in noise-cancelling microphone and support for an external microphone for clear communication.
- **Audio Equalizer (EQ) Functionality:** Customize sound settings with various presets and manual adjustments for personalized audio.
- **USB Ports:** Two USB ports for media playback, charging, and data transfer.
- **Reverse Camera Input:** Supports connection to a reverse camera for enhanced parking safety.
- **45 Watts x 4 Speaker Output:** Delivers powerful and clear stereo audio.

3. PACKAGE CONTENTS

Please verify that all items are present and in good condition upon opening the package:

- Inefala 10-inch Touch Screen Car Radio Unit
- Power Harness
- GPS Antenna
- External Microphone
- USB Cables (x2)
- RCA Cables (for audio/video output, reverse camera input)
- Mounting Brackets and Screws
- User Manual (this document)
- (Optional) Reverse Camera (if included in your specific package)



Figure 3.1: Main unit and typical accessories included in the package, such as the external microphone and various cables.

4. SETUP GUIDE

4.1. Installation

Professional installation is recommended for optimal performance and safety. Ensure the vehicle's battery is disconnected before beginning installation.

1. **Remove Existing Head Unit:** Carefully remove your vehicle's existing car radio or blank panel.
2. **Connect Wiring Harness:** Connect the provided wiring harness to the car radio unit. Match the wires according to your vehicle's wiring diagram. Ensure proper connections for power (ACC, B+, GND), speakers, and other functions.
3. **Connect GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield, ensuring it is securely fastened.

4. **Connect Wi-Fi Antenna:** Attach the Wi-Fi antenna to the designated port on the unit.
5. **Connect USB Cables:** Route the USB cables to a convenient location, such as the glove compartment or center console.
6. **Connect External Microphone:** Plug in the external microphone and route it to a suitable position for clear voice pickup, such as near the steering wheel or sun visor.
7. **Connect Reverse Camera (Optional):** If installing a reverse camera, connect its video output to the "CAM IN" or "REVERSE" RCA input on the car radio. Connect the camera's power to the vehicle's reverse light circuit.
8. **Mount the Unit:** Secure the car radio unit into the double DIN slot using the provided mounting brackets and screws. Ensure it is firmly in place.
9. **Test Connections:** Before fully reassembling the dashboard, reconnect the vehicle's battery and perform a quick test of all functions (power, audio, touch screen, radio, GPS, etc.).
10. **Reassemble Dashboard:** Once all functions are verified, carefully reassemble the dashboard panels.



Figure 4.1: Visual comparison of a car dashboard before and after the installation of the Inefala 10-inch Car Stereo, demonstrating its integrated appearance.

4.2. Initial Power On

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

5. OPERATING INSTRUCTIONS

5.1. Touch Screen Operation

The 10.1-inch 2.5D HD touch screen provides intuitive control. Use gestures such as tapping, swiping, and pinching to navigate menus, open applications, and adjust settings. The screen is designed for clarity and responsiveness.

10.1 Inch 2.5D Touch Screen

2.5D HD technology optimizes sharpness, color, and contrast frame by frame for enhanced detail visibility.



Figure 5.1: The 10.1-inch 2.5D HD Touch Screen, highlighting its high-performance QLED technology and 1280x720 resolution for enhanced visual detail.

5.2. Android 13 OS Navigation

The unit runs on Android 13, providing a familiar smartphone-like interface. Swipe down from the top for quick settings, swipe up for the app drawer, and use the navigation buttons (if present) or gestures for Home, Back, and Recent Apps. You can download and install various applications from the pre-installed app store or compatible

sources.

Android OS with 2GB RAM & 64GB ROM

The latest Android operating system offers enhanced performance, smoother operation, comprehensive features, and high-speed software downloads.



Figure 5.2: Various screen interfaces of the Android OS, demonstrating the system's responsiveness and the availability of 2GB RAM and 64GB ROM for smooth operation and app storage.

5.3. Wireless Carplay & Android Auto

Connect your iPhone or Android smartphone wirelessly for seamless integration. This allows you to access navigation, make calls, send messages, and play music directly from your phone's interface displayed on the car radio screen.

1. **For Wireless Carplay (iOS):** Ensure Bluetooth and Wi-Fi are enabled on your iPhone. On the car radio, open the Carplay app. Follow the on-screen instructions to pair your iPhone via Bluetooth. Once paired, Carplay will automatically connect via Wi-Fi.
2. **For Wireless Android Auto (Android):** Ensure Bluetooth and Wi-Fi are enabled on your Android phone. On the car radio, open the Android Auto app. Follow the on-screen instructions to pair your phone via Bluetooth. Android Auto will then connect via Wi-Fi.

Wireless & Wired Carplay & Android Auto

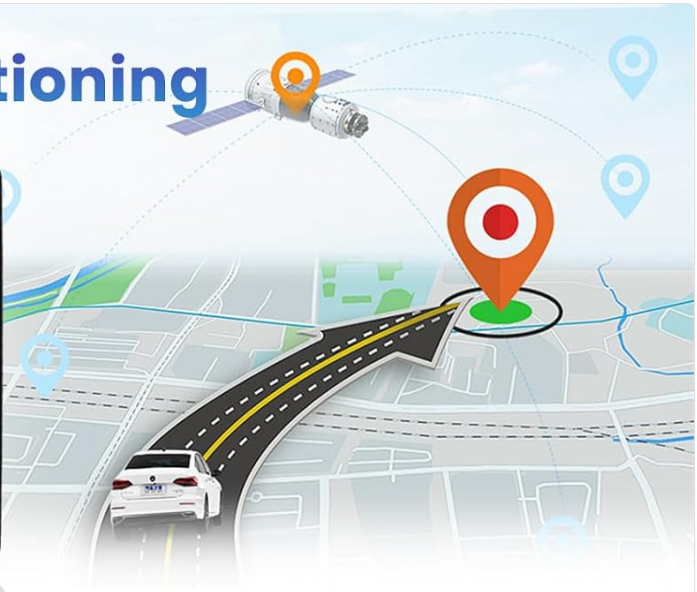


Figure 5.3: Diagram illustrating the wireless connection of iPhones (Carplay) and Android phones (Android Auto) to the car radio, enabling integrated smartphone functionality.

5.4. GPS Navigation

The built-in GPS module provides accurate location services. Use pre-installed navigation apps or download your preferred ones from the app store. Ensure the GPS antenna is properly installed for optimal signal reception.

GPS Accurate Positioning



Support WIFI

Fill your drive with
your favorite apps



Figure 5.4: The car radio display showing a GPS navigation route, demonstrating accurate positioning and route guidance capabilities.

5.5. Bluetooth Hands-Free Calling

Pair your phone via Bluetooth to make and receive calls hands-free. The unit features a built-in noise-cancelling microphone, and an external microphone is included for enhanced call clarity in noisy environments.

1. **Pairing:** Go to the Bluetooth settings on the car radio and enable Bluetooth. On your phone, search for available devices and select the car radio (e.g., "Inefala Car Radio"). Confirm the pairing code if prompted.
2. **Making Calls:** Use the dial pad on the screen or access your phone's contacts through the Bluetooth interface.
3. **Receiving Calls:** Incoming calls will be displayed on the screen. Tap to answer or reject.

Ultra-clear Microphone for Bluetooth Hands Free



Built-in noise-cancelling microphone and a 3.5mm external microphone jack (with an included external microphone) for clear call quality in noisy environments.



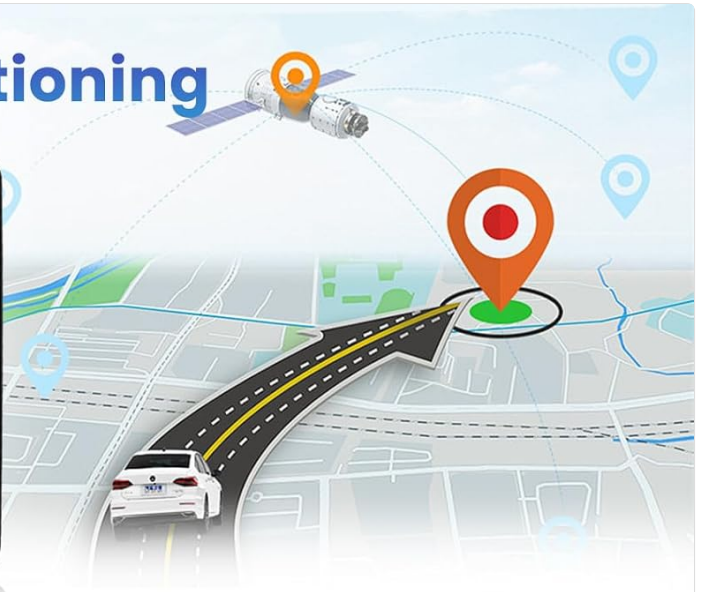
Figure 5.5: The external microphone and the car radio's interface during a Bluetooth call, illustrating the hands-free communication feature.

5.6. Wi-Fi Connectivity

Connect the car radio to a Wi-Fi hotspot (e.g., from your smartphone or a portable hotspot) to access online features, download apps, stream music, and browse the internet.

1. Go to "Settings" > "Network & Internet" > "Wi-Fi".
2. Turn on Wi-Fi and select your desired network from the list.
3. Enter the password if required and connect.

GPS Accurate Positioning



Support WIFI

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Figure 5.6: The car radio screen displaying various app icons, indicating the ability to download and use applications via Wi-Fi connectivity.

5.7. Audio Equalizer (EQ) Settings

Customize your audio experience using the built-in equalizer. You can select from various preset sound profiles (e.g., Pop, Rock, Jazz) or manually adjust frequency bands to achieve your preferred sound quality.

EQ Functionality in Car Radios

Customize audio settings for personalized sound profiles and optimized quality, tailored to individual preferences.



Figure 5.7: The car radio's display showing the audio equalizer interface, allowing users to customize sound profiles and optimize audio quality.

5.8. Reverse Camera Functionality

When a compatible reverse camera is connected and the vehicle is shifted into reverse gear, the car radio automatically displays the camera feed on the screen, assisting with parking and maneuvering.

6. MAINTENANCE

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touch screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean vents and ports.
- **Software Updates:** Periodically check for software updates through the system settings or the manufacturer's

website to ensure optimal performance and access to new features.

- **Avoid Extreme Temperatures:** Do not expose the unit to extreme hot or cold temperatures for prolonged periods, as this can affect performance and lifespan.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Unit does not power on.	Incorrect wiring; Blown fuse; Vehicle battery issue.	Check power (ACC, B+, GND) connections. Inspect vehicle fuses. Ensure vehicle battery is charged.
No sound from speakers.	Speaker wiring incorrect; Volume too low; Mute enabled; Audio settings.	Verify speaker connections. Increase volume. Check if unit is muted. Adjust EQ settings.
GPS signal is weak or inaccurate.	GPS antenna not properly installed or obstructed.	Ensure GPS antenna has a clear view of the sky and is securely connected. Avoid placing it under metal objects.
Bluetooth connection issues.	Phone not in pairing mode; Interference; Unit's Bluetooth off.	Ensure Bluetooth is enabled on both devices. Delete previous pairings and re-pair. Move closer to the unit.
Touch screen unresponsive.	Software glitch; Screen dirty; Physical damage.	Restart the unit. Clean the screen. If problem persists, contact support.
Carplay/Android Auto not connecting.	Incorrect phone settings; App issues; Wi-Fi/Bluetooth interference.	Ensure phone's Wi-Fi and Bluetooth are on. Update Carplay/Android Auto apps on phone. Try restarting both devices.

8. TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	Inefala-A3846A4MI2-EU60
Operating System	Android 13
Screen Size	10.1 Inches
Screen Type	2.5D HD Touch Screen (QLED Technology)

Feature	Specification
Memory (RAM)	2 GB
Storage (ROM)	64 GB
Connectivity	Bluetooth, Wi-Fi, USB
Wireless Features	Wireless Carplay, Wireless Android Auto
Audio Output Mode	Stereo
Output Power	45 Watts x 4 Channels
Special Features	FM Tuner, RDS, Equalizer, GPS, Hands-Free Calling
USB Ports	2 (Type A)
Product Dimensions	25 x 16.5 x 8 cm (9.84 x 6.5 x 3.15 inches)
Item Weight	1.4 kg (3.09 lbs)

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For support, please refer to the manufacturer's official website or contact customer service.