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› Eonon UA13SK-PLUS 10.1 Inch Android 13 Double Din Car Stereo User Manual

Eonon UA13SK-PLUS

Eonon UA13SK-PLUS 10.1 Inch Android 13 Double Din Car Stereo

INSTRUCTION MANUAL

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Eonon UA13SK-PLUS 10.1 Inch Android 13 Double Din Car Stereo. Please read this manual thoroughly before using the product to ensure proper functionality and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** Due to the complexity of car audio systems, professional installation is highly recommended to prevent damage to the unit or your vehicle.
- **Power Supply:** Ensure the unit is connected to a 12V DC power supply with negative grounding. Incorrect voltage can cause damage.
- **Wiring:** Always refer to the wiring diagram provided. Incorrect wiring can lead to malfunctions or electrical hazards.
- **Driving Safety:** Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.
- **Temperature:** Avoid exposing the unit to extreme temperatures or direct sunlight for prolonged periods.
- **Moisture:** Keep the unit away from water and excessive moisture.

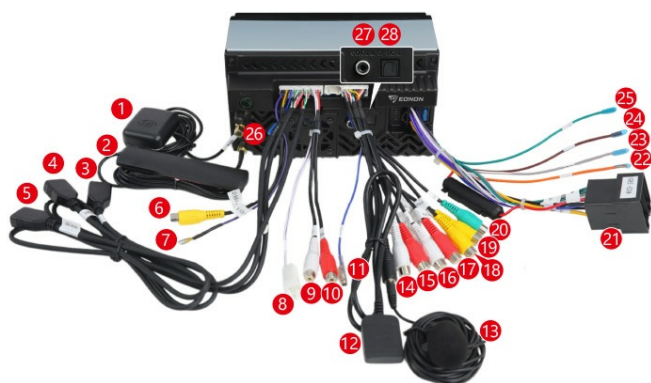
3. PACKAGE CONTENTS

Verify that all items listed below are included in your package:

- Eonon UA13SK-PLUS Car Stereo Unit
- Backup Camera x 1
- Power Cord x 1
- GPS Antenna x 1

- 4G Antenna x 2
- USB Adapter Cable x 2
- Audio and Video Adapter Cable x 2
- Reverse Video Input Cable x 1
- 15A Spare Fuse x 1
- SIM Card Holder x 1
- External Microphone x 1
- Screws x 8
- Instruction Manual x 1
- Panel Disassembly Instructions x 1

Wiring Diagram



- | | |
|-------------------------|----------------------------|
| 1. GPS | 15. Audio Output FR |
| 2. 4G Antenna | 16. Audio Input L |
| 3. USB Port | 17. Audio Input R |
| 4. USB Port | 18. Video Input |
| 5. USB Port for CarPlay | 19. Front Camera Input |
| 6. Backup Camera Input | 20. Subwoofer Output |
| 7. Brake Shift Control | 21. ISO Port |
| 8. RX/TX Input | 22. Illumination Wire |
| 9. Audio Output RL | 23. SWC Wire 2 |
| 10. Audio Output RR | 24. Reverse Trigger Wire |
| 11. AMP | 25. SWC Wire 1 |
| 12. SIM Card Slot | 26. WiFi Bluetooth Antenna |
| 13. External Microphone | 27. Coaxial |
| 14. Audio Output FL | 28. Optical |

Figure 3.1: All components included in the Eonon UA13SK-PLUS package.

4. INSTALLATION

4.1 Wiring Diagram

Refer to the following diagram for correct wiring connections. Ensure all connections are secure before powering on the unit.



Figure 4.1: Wiring Diagram. Labels include: 1. GPS, 2. 4G Antenna, 3. USB Port, 4. USB Port, 5. USB Port for CarPlay, 6. Backup Camera Input, 7. Brake Shift Control, 8. RX/TX Input, 9. Audio Output RL, 10. Audio Output RR, 11. AMP, 12. SIM Card Slot, 13. External Microphone, 14. Audio Output FL, 15. Audio Output FR, 16. Audio Input L, 17. Audio Input R, 18. Video Input, 19. Front Camera Input, 20. Subwoofer Output, 21. ISO Port, 22. Illumination Wire, 23. SWC Wire 2, 24. Reverse Trigger Wire, 25. SWC Wire 1, 26. WiFi Bluetooth Antenna, 27. Coaxial, 28. Optical.

4.2 Physical Installation

The Eonon UA13SK-PLUS is designed for universal double-din mounting. The adjustable panel allows for optimal viewing angles.

4.2.1 Screen Disassembly and Assembly

1. Install the car stereo to the car's console.
2. Open the back cover of the flexible flat cable interface.
3. Insert the flexible flat cable into the panel. Ensure the cable is well-connected.
4. Pull the two clips (A&B) on the back of the screen to both sides.
5. Connect the panel to the car stereo.
6. Install the back cover of the panel.

Viewing Angle Adjustable



It can be adjusted vertically upward by 50 mm.



It can be adjusted vertically downward by 50 mm.

Disassembly Steps of Screen



1. Install the car stereo to the center console and open the back cover of the flexible flat cable interface on the panel.



2. Insert the flexible flat cable into the panel.



3. Please make sure the cable is well-connected.



4. Pull the two clips(A&B) on the back of the screen to both sides.



5. Connect the panel to the car stereo.



6. Install the back cover of the panel.

Figure 4.2: Screen Disassembly Steps and Adjustable Viewing Angle. The screen can be adjusted vertically upward or downward by 50mm, and tilted by 18 to 22 degrees.

4.2.2 New Design for Screen Connection

The UA13SK-PLUS features a redesigned screen connection for a sturdier physical structure and simpler installation.

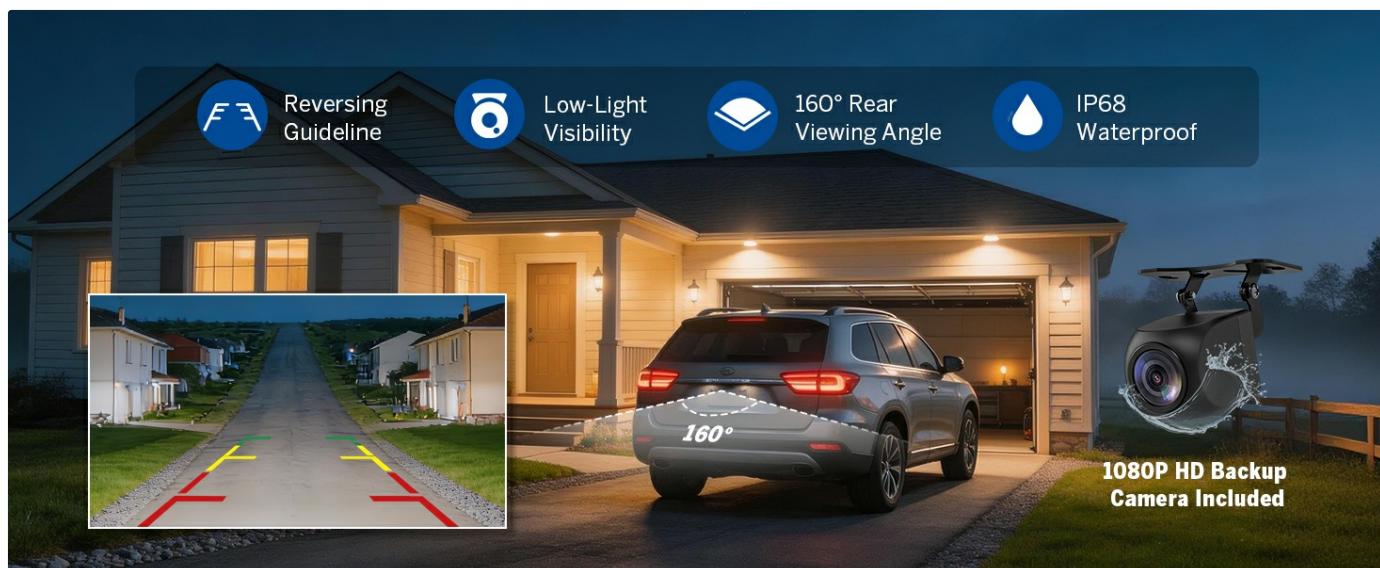


Figure 4.3: New Screen Connection Design. This design offers a redesigned screen connection, sturdier physical structure, and simpler installation.

5. SETUP

5.1 Initial Power On

After successful installation, turn on your vehicle's ignition. The stereo should power on automatically. Follow any on-screen prompts for initial setup.

5.2 Network Connectivity (Wi-Fi & 4G)

The unit supports Wi-Fi 6 and has a built-in 4G module. You can insert a Micro-SIM (3FF) card (not included) for direct internet access. Note that the 4G module supports internet access but not telephone calls.

Built-in 4G LTE Module

Inserting 4G SIM card to the radio for Internet access directly.
(Support internet access and not support telephone calls)



8.8mm
12.3mm
Micro-SIM(3FF)
SIM Card is not included

Brightness Mode

Day, Night & Auto Mode



Figure 5.1: Built-in 4G LTE Module and Wi-Fi Connectivity. The unit supports Wi-Fi 6 and 2.4/5 GHz, and allows direct internet access via a Micro-SIM card (8.8mm x 12.3mm).

5.3 Bluetooth Pairing

The stereo features Bluetooth 5.1 for fast and stable connections. To pair your device:

1. Go to the Bluetooth settings on your car stereo.
2. Enable Bluetooth on your mobile device.

3. Search for available devices on your mobile device and select the Eonon stereo.
4. Confirm the pairing code on both devices.

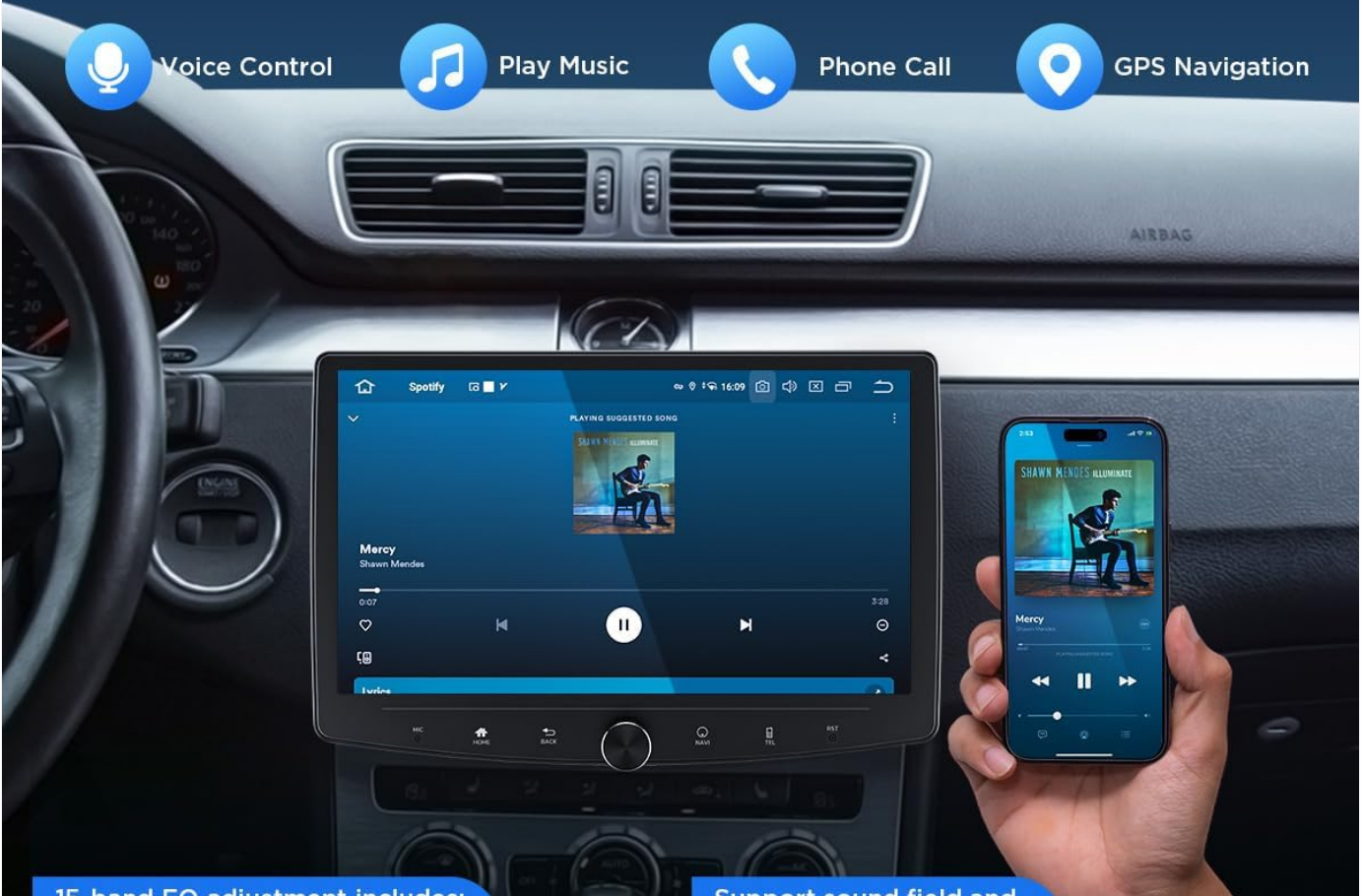
Bluetooth connectivity for a better sound experience while travelling

 Voice Control

 Play Music

 Phone Call

 GPS Navigation



15-band EQ adjustment includes: Rock Pop Classic Jazz Flat



Support sound field and time delay adjustment





ST TDA7851
Power amplifier chip



4 x 48W
Max output power



AKM DSP
Providing an audio experience with a greater sense of reality

Figure 5.2: Bluetooth Connectivity and Audio Features. Bluetooth 5.1 enables voice control, music playback, phone calls, and GPS navigation. The unit also features a RHOM 32107 DSP audio processing chip, ST TDA7851 amplifier (4x48W), and a 48-band equalizer for immersive audio.

5.4 Apple CarPlay / Android Auto / Screen Mirroring

The unit supports both wireless and wired Apple CarPlay and Android Auto, as well as screen mirroring (Airplay/Android Cast).



Figure 5.3: Wireless CarPlay & Android Auto and Mirror Link. Connect your smartphone wirelessly or via USB to access navigation, music, and other apps directly on the car stereo display.

6. OPERATING INSTRUCTIONS

6.1 Basic Controls

The unit features a physical rotary knob and touch buttons for intuitive control.

- **Volume Knob:** Rotate to adjust volume up or down.
- **Short Press (Knob):** Mute On/Off.
- **Long Press (Knob):** Power On/Off.

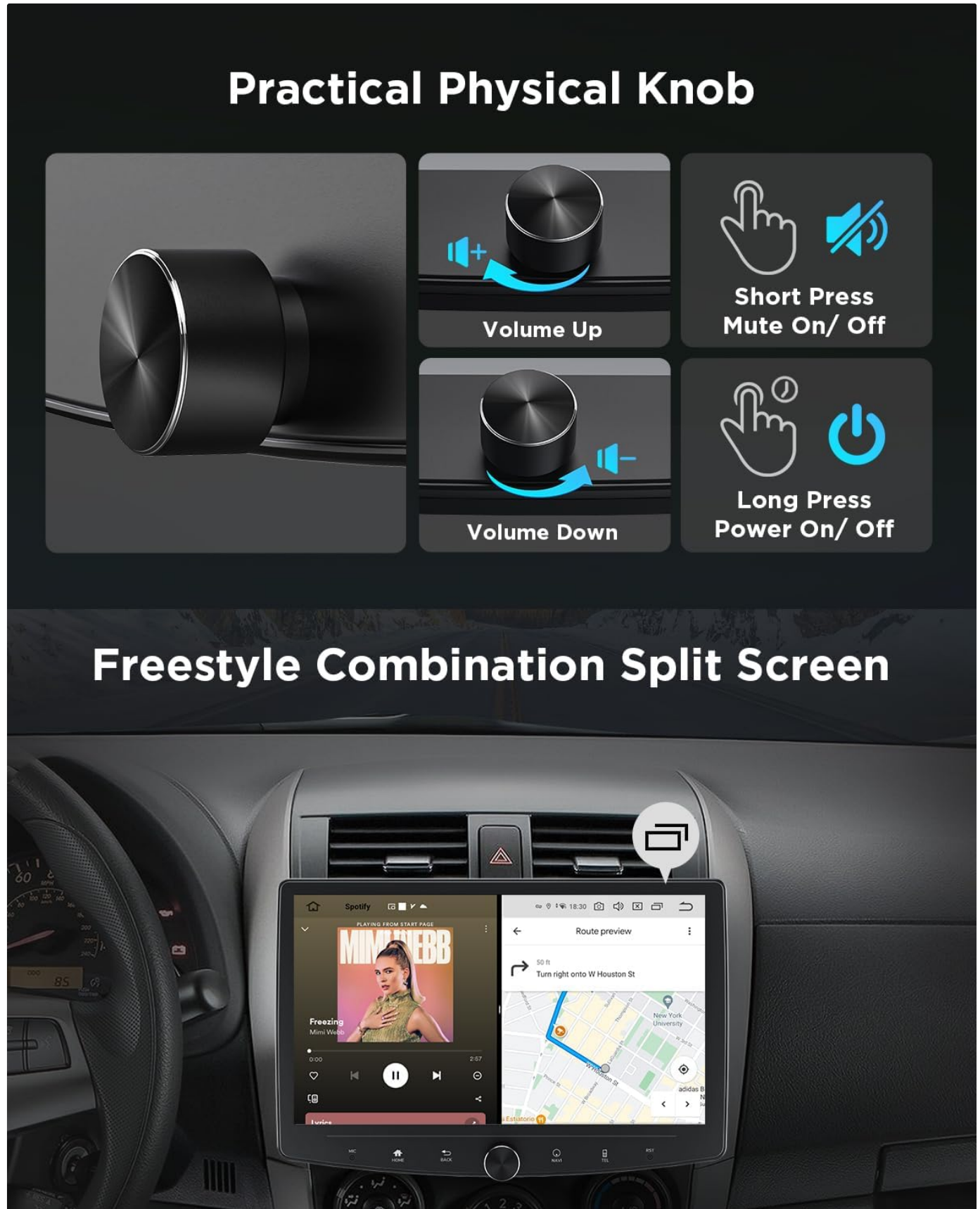


Figure 6.1: Practical Physical Knob Functions. The knob allows for easy volume adjustment, mute/unmute with a short press, and power

on/off with a long press.

6.2 Touchscreen Operation

The 10.1-inch QLED HD display (1280x720 resolution) offers a multi-touch capacitive touchscreen for effortless interaction.

Better Visual Experience

2.5D
capacitive touchscreen

178°
Viewing Angel

1080P
video playback

QLED 1280*720
resolution



HD Rear/Front Camera Input



A100
(NOT included)

A0125
(NOT included)



Monitor Road Conditions

In Reverse Mode

Figure 6.2: Better Visual Experience. The QLED HD display provides vibrant colors and sharp visuals with a wide viewing angle.

6.3 System UI Navigation

The unit features a new UI designed for a smarter, cleaner, and faster user experience. You can customize the UI with different themes, button colors, boot logos, and wallpapers.



Figure 6.3: All-New UI for X6S. Features include split-screen home screen, enhanced media support, redesigned drop-down menu, always-visible shortcut bar, and streamlined settings.



Figure 6.4: Customizable Interior Design. Personalize button colors, boot logo, wallpaper, and app shortcuts to match your preferences.

6.4 Split-Screen Mode

Utilize the split-screen feature to run two applications simultaneously, such as navigation and music playback.



Figure 6.5: Freestyle Combination Split Screen. Run navigation and entertainment apps side-by-side.

6.5 Audio Settings (DSP & Equalizer)

The RHOM 32107 DSP audio processing chip and 48-band equalizer allow for precise sound customization. Access these settings through the audio menu to adjust sound fields, time delays, and equalizer presets.

6.6 Brightness Mode

The screen brightness can be set to Day, Night, or Auto mode. In Auto mode, the brightness adjusts automatically based on your car's headlight status.



Figure 6.6: Automatically Adjust Screen Brightness. Choose from Light, Dark, or Auto modes for optimal visibility.

6.7 Steering Wheel Controls

The unit supports steering wheel controls, allowing you to manage audio and calls without taking your hands off the wheel. Configuration may be required in the system settings.



Figure 6.7: Steering Wheel Controls. Integrate your vehicle's steering wheel buttons for convenient control of the stereo.

6.8 OTA Software Updates

The system supports Over-The-Air (OTA) software updates to enhance stability and optimize performance. Regularly check for new versions and install them as prompted.

Support OTA Software Updates

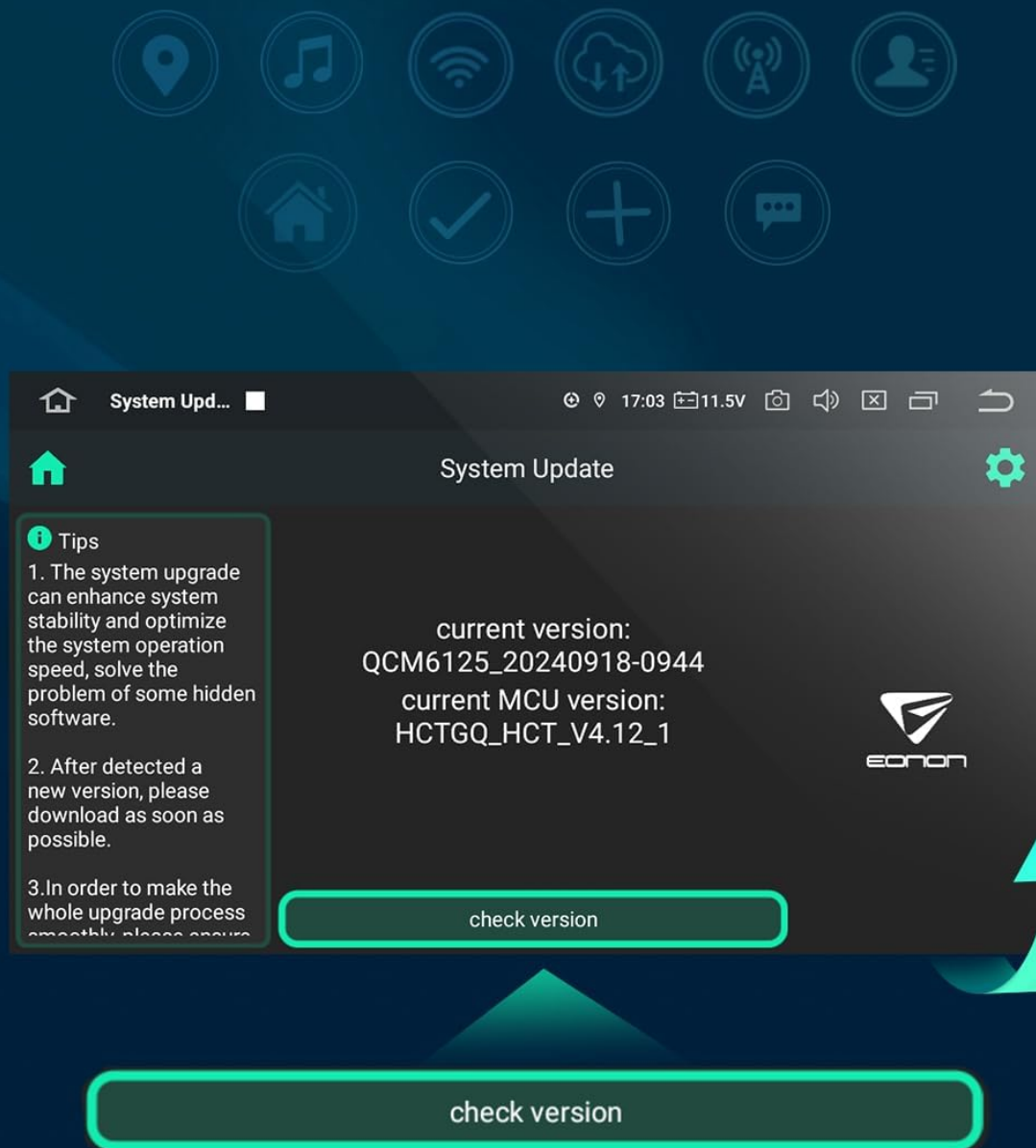


Figure 6.8: Support for OTA Software Updates. Keep your system updated for improved stability and performance.

7. ADVANCED FEATURES

7.1 Mirror Link

Mirror Link allows you to display your smartphone's screen directly on the car stereo, enabling access to your favorite apps, music, and media content.

7.2 Backup Camera (Included)

The package includes a 1080P AHD rearview camera for enhanced safety and convenience when reversing. The system automatically displays the camera feed when shifting into reverse.



Figure 7.1: 1080P HD Backup Camera. Features reversing guidelines, low-light visibility, 160-degree wide-angle view, and IP68 waterproof rating.

7.3 Optional Accessories

Enhance your driving experience with compatible Eonon accessories (sold separately):

- **OBD2 Diagnostic Scanner (V0056):** Connect an OBD2 scanner to monitor vehicle fault diagnosis and real-time status.



Figure 7.2: Vehicle Fault Diagnosis with OBD2. The V0056 OBD2 scanner (not included) allows you to check vehicle status and diagnose faults.

- **Dash Camera Recorder (A100):** Record your journeys with a compatible dash cam, offering a 120-degree viewing angle and 720P HD video playback.

A303 DSP Amplifier(not included)

Bring Your Speakers to theNEXT Level

4×50W Golden Power

Smart EQ Modes

Custom Sound Tuning

Remote + Knob + Voice Prompt



Figure 7.3: HD Dash Camera Recorder. The A100 Dash Cam (not included) provides a 120-degree viewing angle and 720P video recording.

- **DSP Amplifier (A303):** Upgrade your audio system with the A303 DSP Amplifier for enhanced sound quality, featuring 4x50W power, smart EQ modes, and custom sound tuning.

What's in the Box



1



Backup Camera
Video Input Cable x1

2



USB
Adapter Cable x1

3



CarPlay &
Android Auto
USB Adapter Cable x1

4



Audio
Adapter Cable x1

5



Audio Video
Adapter Cable x1

6



Power Cable x1

7



GPS Antenna x1

8



4G Antenna x1



External
Microphone x1



Screw x10



Sim Card Holder x1



Spare Fuse x1



User Manual x1

Figure 7.4: A303 DSP Amplifier. This amplifier (not included) provides 4x50W power and advanced sound customization.

8. SPECIFICATIONS

Feature	Specification
Model Number	UA13SK-PLUS
Operating System	Android 13
Processor	Qualcomm QCM6225 (Quad-core ARM Cortex-A73 2.4GHz + Quad-core ARM Cortex-A53 1.9GHz)
RAM	8GB LPDDR4
ROM	128GB
Display Size	10.1 Inch

Feature	Specification
Display Type	QLED HD, Multi-touch Capacitive Touchscreen
Resolution	1280x720
Connectivity	Bluetooth 5.1, Wi-Fi 6, Built-in 4G Module, USB
Car Integration	Wireless & Wired Apple CarPlay, Android Auto, Screen Mirroring
Audio Processor	RHOM 32107 DSP
Equalizer	48-band
Amplifier	ST TDA7851, 4x48W Surround Sound Output
Radio Module	ST TDA7708
Audio Output Type	Optical, Coaxial, Speakers
Video Encoding Support	H.264, H.265/HEVC, MPEG-4, MPEG-2, AVC, MJPEG, DIVX, 3GP, WMV
Included Accessories	Backup Camera, GPS Antenna, 4G Antennas, External Microphone, etc.

9. TROUBLESHOOTING

If you encounter issues with your Eonon UA13SK-PLUS, refer to the following common problems and solutions:

- **No Power:**
 - Check all power connections according to the wiring diagram.
 - Verify the vehicle's fuse box and the stereo's inline fuse (15A spare fuse included).
 - Ensure the ignition is on.
- **No Radio Signal:**
 - Confirm the radio antenna is properly connected to the unit.
 - Check for any damage to the antenna cable.
 - Ensure you are in an area with adequate radio reception.
- **Slow/Laggy Android Auto/CarPlay:**
 - Ensure your smartphone's operating system is up to date.
 - Try restarting both your phone and the car stereo.
 - If using a wired connection, try a different USB cable.
 - Close unnecessary applications running on your phone.
- **Touchscreen Unresponsive:**
 - Restart the car stereo by long-pressing the physical knob.
 - Ensure the screen's flexible flat cable is securely connected (refer to installation section).
 - If the issue persists, contact customer support.

- **Unit Runs Hot / Random Reboots:**

- Ensure adequate ventilation around the unit.
- Avoid operating the unit in extremely high ambient temperatures.
- If frequent, this may indicate an internal issue; contact support.

10. MAINTENANCE

- **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-safe cleaner. Avoid harsh chemicals.
- **General Cleaning:** Keep the unit free from dust and debris. Use a soft brush or compressed air to clean vents and button areas.
- **Software Updates:** Regularly check for and install OTA software updates to ensure optimal performance and access to new features.

11. WARRANTY AND SUPPORT

11.1 Warranty Information

Your Eonon UA13SK-PLUS car stereo comes with a **2-Year Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

11.2 Customer Support

For technical assistance, troubleshooting, or warranty inquiries, please contact Eonon customer support through their official channels. You can find more information and support resources on the Eonon website or through your purchase platform.

Eonon Official Website: www.eonon.com

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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