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EsaSam M600s

EsaSam Android 12 Car Radio M600s Instruction Manual

For JAC Refine S3 (2013-2016)

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your EsaSam M600s Android 12 Car Radio. This 9-inch touch screen multimedia player is designed for JAC Refine S3 models from 2013 to 2016, offering advanced features such as GPS navigation, Carplay, DSP, RDS, SWC, and FM radio.

Please read this manual thoroughly before using the product to ensure correct operation and to prevent damage.

2. Product Overview



Image 2.1: Front view of the EsaSam M600s Android 12 Car Radio, showcasing its 9-inch touch screen display with the user interface active. A small backup camera is also visible in the lower right corner.



Image 2.2: Components included with the EsaSam M600s Car Radio. This includes the main unit, microphone, RCA input/output cables, two USB cables, camera input cable, GPS antenna, instruction manual, 4G antenna (for 8-core models), and an AHD backup camera.

3. Setup and Installation

3.1 Compatibility

This car radio is specifically designed for JAC Refine S3 models manufactured between 2013 and 2016. Ensure your vehicle's dashboard configuration matches the unit's design before proceeding with installation. If uncertain, consult with a professional installer or the manufacturer.

3.2 Package Contents

Verify that all components listed in Image 2.2 are present in your package:

- Main Head Unit
- External Microphone
- RCA Input/Output Cables
- 2 USB Cables
- Camera Input Cable
- GPS Antenna

- Instruction Manual
- 4G Antenna (for 8-core models)
- AHD Rear View Camera

3.3 Installation Steps

1. **Preparation:** Disconnect the vehicle's battery to prevent electrical shorts.
2. **Remove Old Unit:** Carefully remove the existing car stereo unit from the dashboard.
3. **Connect Wiring:** Connect the provided wiring harness to the vehicle's existing wiring. Ensure all connections (power, speakers, antenna, USB, RCA, camera input, GPS antenna) are secure. The unit supports plug-and-play installation with the correct frame and power adapter.
4. **Install GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield.
5. **Install Rear View Camera:** Mount the AHD rear view camera at the rear of the vehicle and route its cable to the head unit. Connect it to the camera input cable.
6. **Mount New Unit:** Secure the EsaSam M600s unit into the dashboard opening.
7. **Reconnect Battery:** Reconnect the vehicle's battery.
8. **Initial Power On:** Turn on the vehicle's ignition and power on the car radio.



Image 3.1: Example of the EsaSam M600s Car Radio installed within the dashboard of a JAC Refine S3, showing the integrated appearance.

4. Operating Instructions

4.1 Basic Operation

The unit runs on an Android 12 operating system, providing a familiar smartphone-like interface. Navigate using the 9-inch capacitive multi-touch screen.

4.2 Key Features

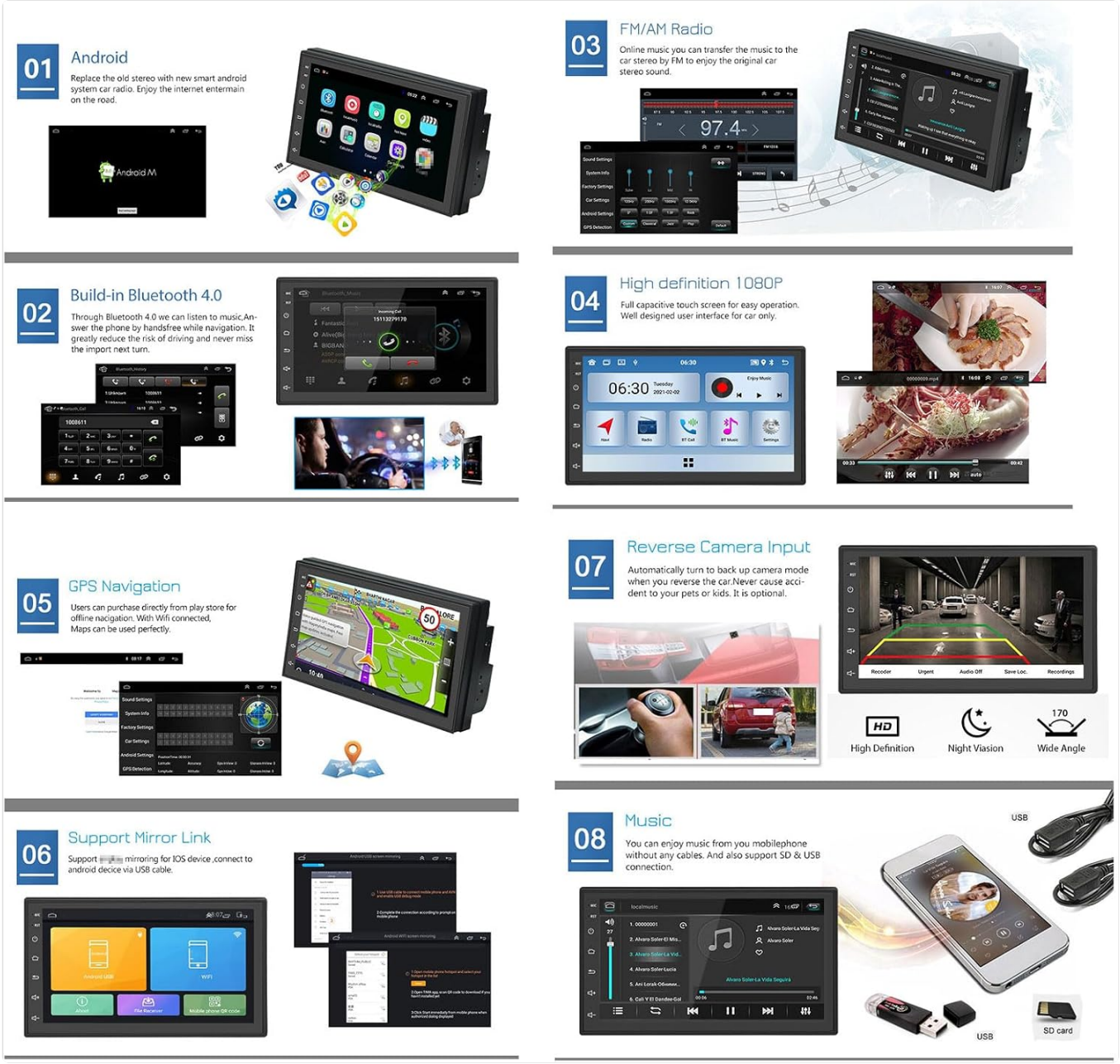


Image 4.1: Visual representation of core features including the Android operating system, Bluetooth connectivity, 1080P video playback, and FM/AM radio functionality.

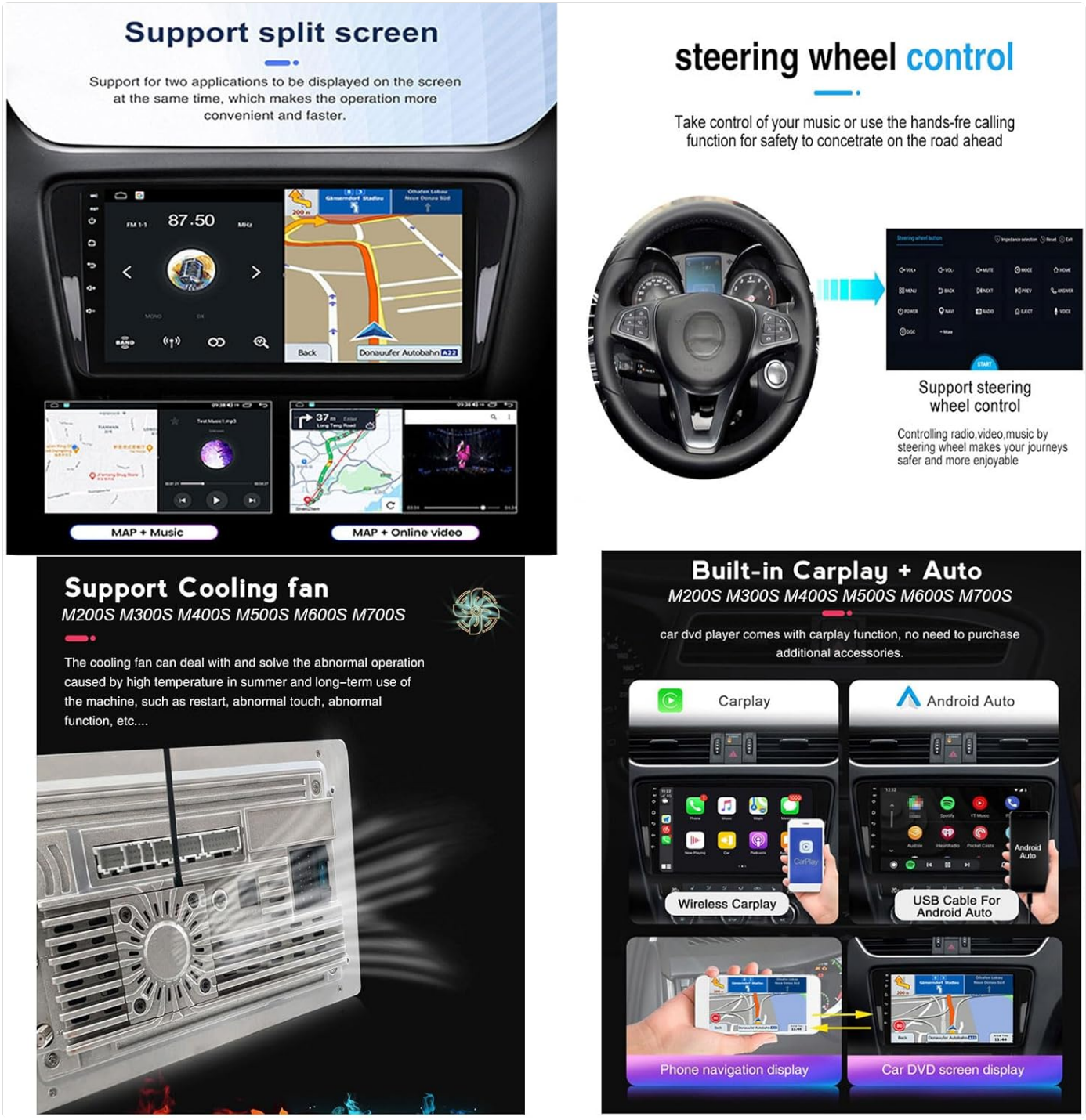


Image 4.2: Visual representation of additional features such as GPS navigation, smartphone mirror link, automatic reverse camera display, and various music playback options.

- **GPS Navigation:** The built-in GPS module supports both online and offline navigation applications. Connect to Wi-Fi to download offline maps. The dual-zone function allows simultaneous navigation and music playback.
- **Bluetooth 4.0:** Connect your smartphone for hands-free calling and synchronize your contact list. Stream audio wirelessly from your device.
- **FM/AM Radio:** Tune into FM (87.5-108.5MHz) and AM (520-1700 Hz) frequencies. Save your favorite stations for quick access.
- **Multimedia Playback:** Supports HD 1080P video playback. Enjoy music and videos from USB, SD cards, or AUX-IN. The unit features subwoofer audio output and various sound effects (pop, rock, jazz, etc.).
- **Wi-Fi & 4G Connectivity:** Built-in Wi-Fi allows internet access. For models M200s-M700s, 5GHz Wi-Fi is supported. 4G connectivity is available on compatible models (M200s-M700s) for online streaming and browsing.
- **Mirror Link:** Connect your Android or iOS smartphone to mirror its screen content onto the car radio display.
- **Steering Wheel Control (SWC):** The unit supports original steering wheel controls. Access system settings to learn

or configure the CANBUS protocol for seamless integration.

- **Reverse Camera Input:** Automatically displays the AHD rear view camera feed when the vehicle is in reverse, aiding in safe parking.
- **CarPlay & Android Auto:** Built-in support for both Apple CarPlay and Android Auto, providing a safe way to use your phone's features while driving.
- **DSP Processor:** Digital Sound Processor (available on M200s-M700s models) enhances audio quality with various sound effects and equalization options.
- **Split Screen:** Display two applications simultaneously for enhanced multitasking.
- **UI Interface:** Multiple user interface themes are available for customization.
- **ADAS DVR Support:** Supports external ADAS DVR for anti-collision warning and lane deviation alerts (optional accessory).
- **360 Panoramic Camera Support:** For models supporting 360 camera functionality, this feature provides a comprehensive view around the vehicle (requires specific hardware and installation).

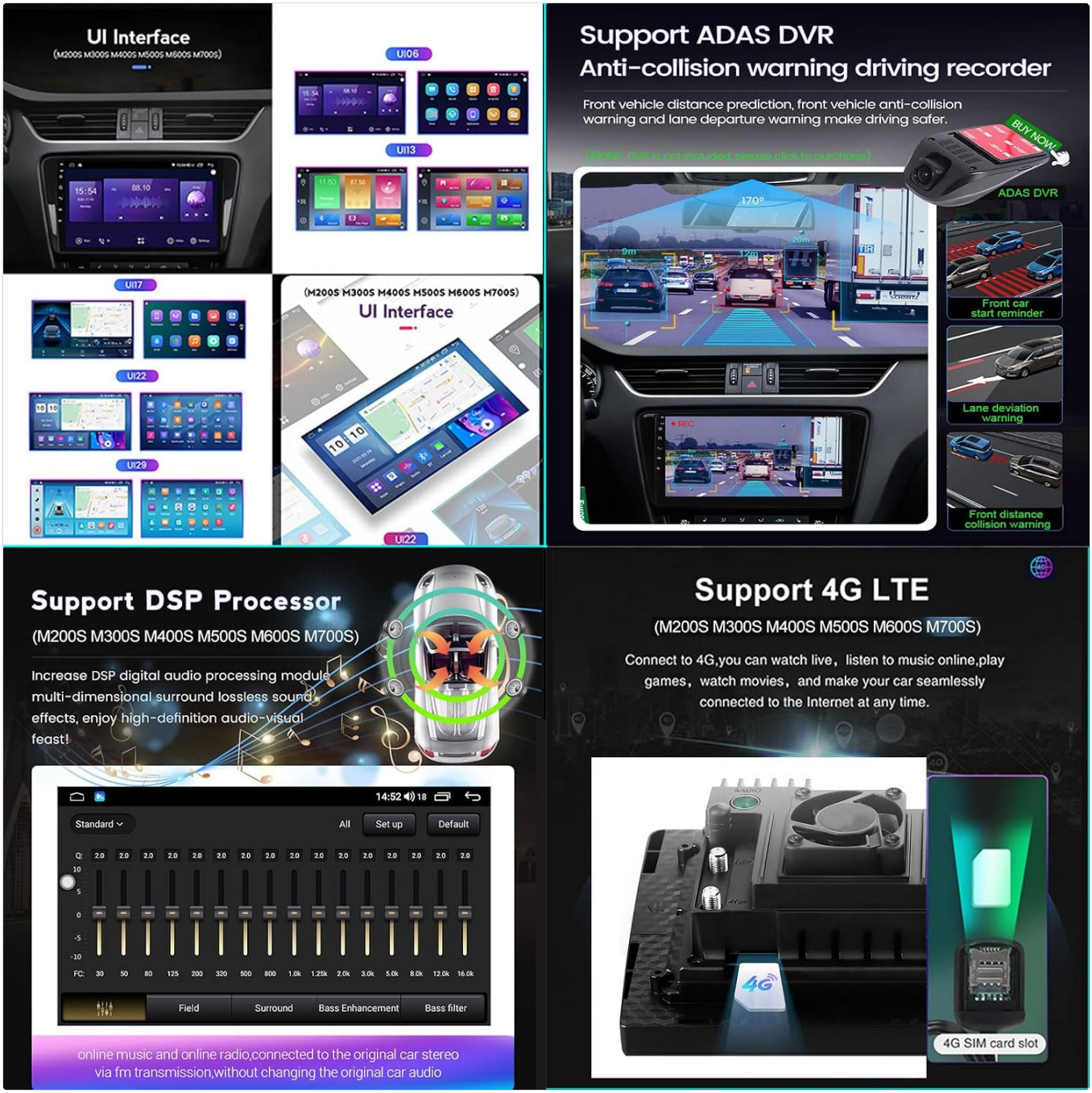


Image 4.3: Demonstrates split-screen functionality, steering wheel control integration, the cooling fan system (for M200s-M700s), and built-in CarPlay/Android Auto support.

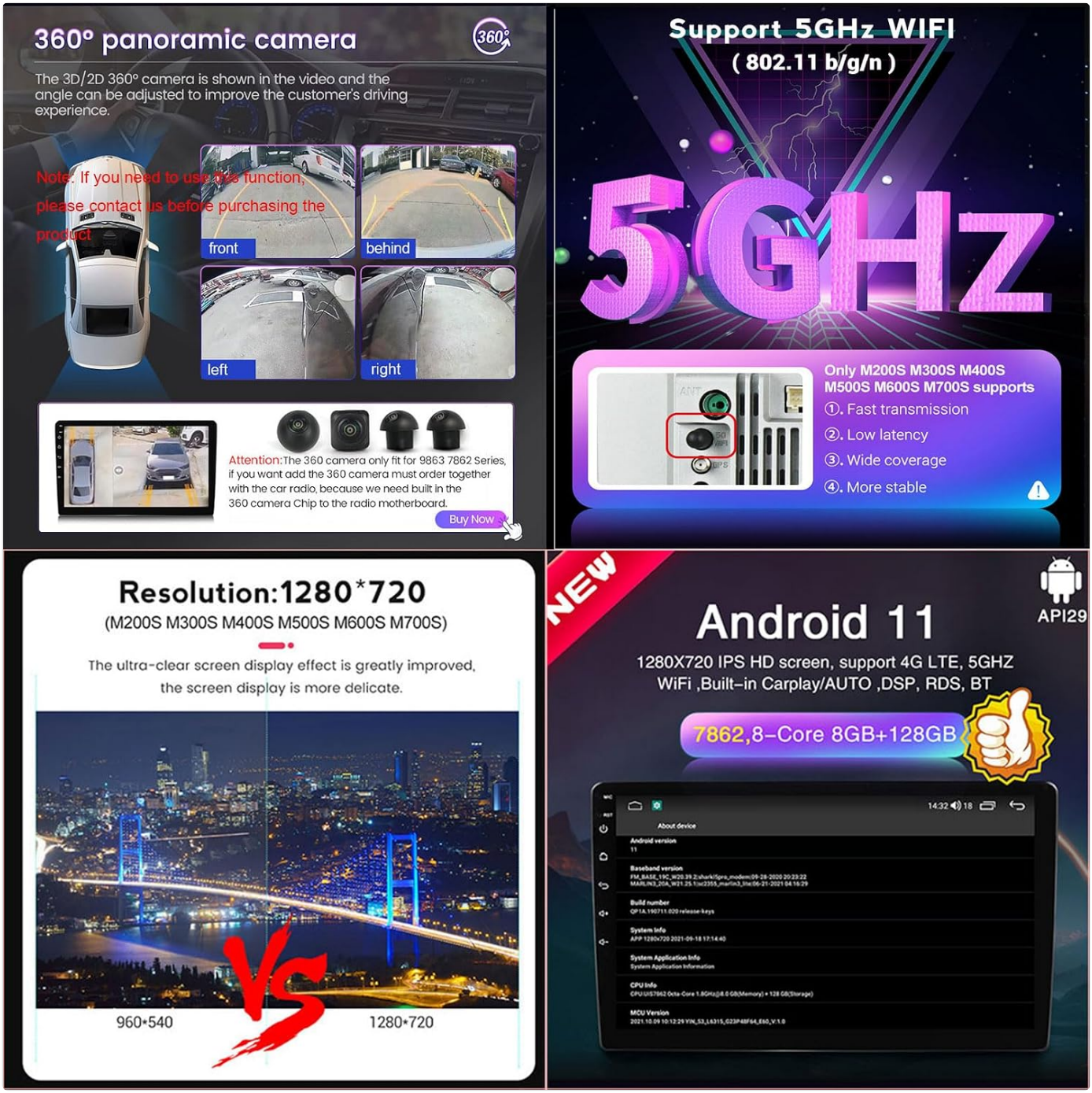


Image 4.4: Highlights various UI interfaces, support for ADAS DVR, DSP processor, 4G LTE connectivity, 360 panoramic camera, 5GHz WiFi, screen resolution, and Android 11 specifications.

4.3 Factory Password

For models M200S to M700S, the factory password is**3368**. This may be required for accessing certain system settings.

5. Maintenance

- **Cleaning:** Use a soft, dry cloth to clean the screen and unit. Avoid abrasive cleaners or solvents.
- **Software Updates:** Periodically check for software updates via the system settings to ensure optimal performance and access to new features. Updates typically require a Wi-Fi connection.
- **Cooling Fan:** Models M200s-M700s include a cooling fan to prevent overheating during prolonged use, especially in warm climates. Ensure the fan vents are not obstructed.

6. Troubleshooting

- **No Power:** Check all power connections and the vehicle's fuse box. Ensure the battery is properly connected.
- **No Sound:** Verify speaker connections. Check volume levels and audio output settings.
- **GPS Signal Loss:** Ensure the GPS antenna is correctly installed and has a clear view of the sky.
- **Touch Screen Unresponsive:** Try restarting the unit. If the issue persists, a factory reset may be necessary (note: this will erase all user data).
- **Bluetooth Connection Issues:** Ensure Bluetooth is enabled on both the unit and your device. Delete previous pairings and try reconnecting.
- **Unit Overheating:** Ensure proper ventilation around the unit. If equipped, check that the cooling fan is operating correctly and not obstructed.

For persistent issues, contact customer support or consult a qualified technician.

7. Specifications

Feature	Specification
Model	M600s
Operating System	Android 12
Screen Size	9 Inch
Screen Resolution	1024*600 (or higher), Capacitive Multi-Touch
Processor	High efficiency Quad-core / Octa-core
RAM	6GB (configurations vary by model)
ROM	128GB (configurations vary by model)
Bluetooth	Version 4.0 (Hands-free, A2DP)
Wi-Fi	Built-in, supports 5GHz (M200s-M700s)
GPS	Built-in module, supports online/offline maps
Radio Tuner	FM: 87.5-108.5MHz, AM: 520-1700 Hz (RDS support)
Video Format	Supports HD 1080P, H.264, H.265/HEVC
Audio Output	Subwoofer audio output, Stereo, Surround (5.1)
Connectivity	Auxiliary, Bluetooth, RCA, USB, Wi-Fi
Compatible Devices	Smartphone, Speaker
Special Features	Touchscreen, GPS, Carplay, Android Auto, DSP, SWC, AHD Camera Input, Split Screen, Mirror Link
Languages	Multi-lingual (English, Russian, French, German, Spanish, Italian, Arabic, etc.)
Manufacturer	EsaSam

8. Warranty and Support

For warranty information, please refer to the terms and conditions provided at the point of purchase or contact your retailer. EsaSam is the manufacturer of this product.

For technical support, troubleshooting assistance, or inquiries regarding parts and accessories, please contact EsaSam customer service through the contact information provided with your purchase or on the official EsaSam website.

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