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Bestycar B0BCG6XP4P

Bestycar 9-inch Android 13 Car Stereo Radio User Manual

For Ford Focus 2 MK2 (2004-2011)

Introduction Safety Information Package Contents Setup & Installation Operating Instructions Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Bestycar 9-inch Android 13 Car Stereo Radio. This head unit is specifically designed for Ford Focus 2 MK2 models manufactured between 2004 and 2011, offering advanced features such as GPS navigation, wireless CarPlay, Android Auto, Bluetooth connectivity, and support for an AHD backup camera. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. Safety Information

- **Professional Installation Recommended:** Due to the complexity of car electrical 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 a negative ground. Incorrect wiring can cause damage or fire.
- **Driving Safety:** Do not operate the unit in a way that distracts you from driving. Always prioritize road safety.
- **Ventilation:** Ensure adequate ventilation around the unit to prevent overheating.
- **Water and Moisture:** Keep the unit away from water and excessive moisture to avoid electric shock or malfunction.
- **Temperature:** Avoid exposing the unit to extreme temperatures.

3. Package Contents

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

- Head Unit (Main Stereo Device)
- AHD Rear View Camera
- Panel Removal Tool
- External Microphone
- RCA Cables

- Power Harness (Vehicle-specific)
- 4G Antenna
- GPS Antenna
- USB Cables (x2)
- Radio Fascia (Specific to Ford Focus 2 MK2)
- Can Bus (Optional, some models may not require it)



Image 3.1: Included accessories for the Bestycar Android Car Stereo. This image displays the main head unit, GPS antenna, radio fascia, two USB cables, CAM In cable, installation tools, AHD camera, 4G SIM RCA cable, 4G antenna, microphone, power harness, and an optional Can bus module.

4. Setup & Installation

This section outlines the general steps for installing your Bestycar car stereo. Specific wiring and mounting procedures may vary slightly depending on your vehicle's exact configuration. Always refer to your vehicle's service manual if unsure.

4.1 Compatibility

This head unit is designed to fit Ford Focus 2 MK2 models from 2004 to 2011. The included radio fascia and power harness are specific to this vehicle model to ensure a seamless integration.

4.2 Pre-Installation Steps

1. **Disconnect Battery:** Before starting any electrical work, disconnect the negative terminal of your vehicle's battery to prevent short circuits.
2. **Remove Old Radio:** Carefully remove the existing factory radio and trim panels using the provided panel removal tools.
3. **Inspect Wiring:** Familiarize yourself with the vehicle's existing wiring harness.

4.3 Wiring Connections

- **Power Harness:** Connect the provided vehicle-specific power harness to the car's wiring and then to the head unit. Ensure all connections are secure.
- **GPS Antenna:** Mount the GPS antenna in a location with a clear view of the sky, typically on the dashboard or under the windshield, and connect it to the head unit.
- **4G Antenna:** Connect the 4G antenna for cellular data connectivity.
- **USB Cables:** Route the USB cables to a convenient location (e.g., glove compartment) for connecting USB devices.
- **AHD Rear View Camera:** Install the AHD camera at the rear of the vehicle and route its video cable to the head unit's CAM-IN input. Connect the camera's power to the reverse light circuit.
- **External Microphone:** Connect the external microphone for improved call quality and place it in an optimal position (e.g., near the sun visor).
- **RCA Cables:** Connect any external amplifiers or subwoofers using the RCA cables if applicable.
- **Steering Wheel Control (SWC):** Connect the SWC wires according to your vehicle's wiring diagram. The unit supports digital SWC.

4.4 Mounting the Head Unit

1. **Install Fascia:** Secure the radio fascia to the head unit.
2. **Insert Unit:** Carefully slide the head unit into the dashboard opening, ensuring no wires are pinched.
3. **Secure Unit:** Fasten the head unit using the appropriate screws or clips.
4. **Reconnect Battery:** Reconnect the negative terminal of your vehicle's battery.
5. **Test Functionality:** Turn on the ignition and test all functions of the stereo.



Image 4.1: Comparison of the car's dashboard before and after the installation of the Bestycar 9-inch Android Car Stereo. The image highlights the seamless integration and the larger 2.5D screen of the new unit.

5. Operating Instructions

Your Bestycar Android 13 Car Stereo offers a wide range of features. This section guides you through its primary functions.

5.1 User Interface (UI)

The unit runs on Android 13, providing a familiar and intuitive touchscreen interface. Navigate through apps and settings by swiping and tapping, similar to a smartphone or tablet.

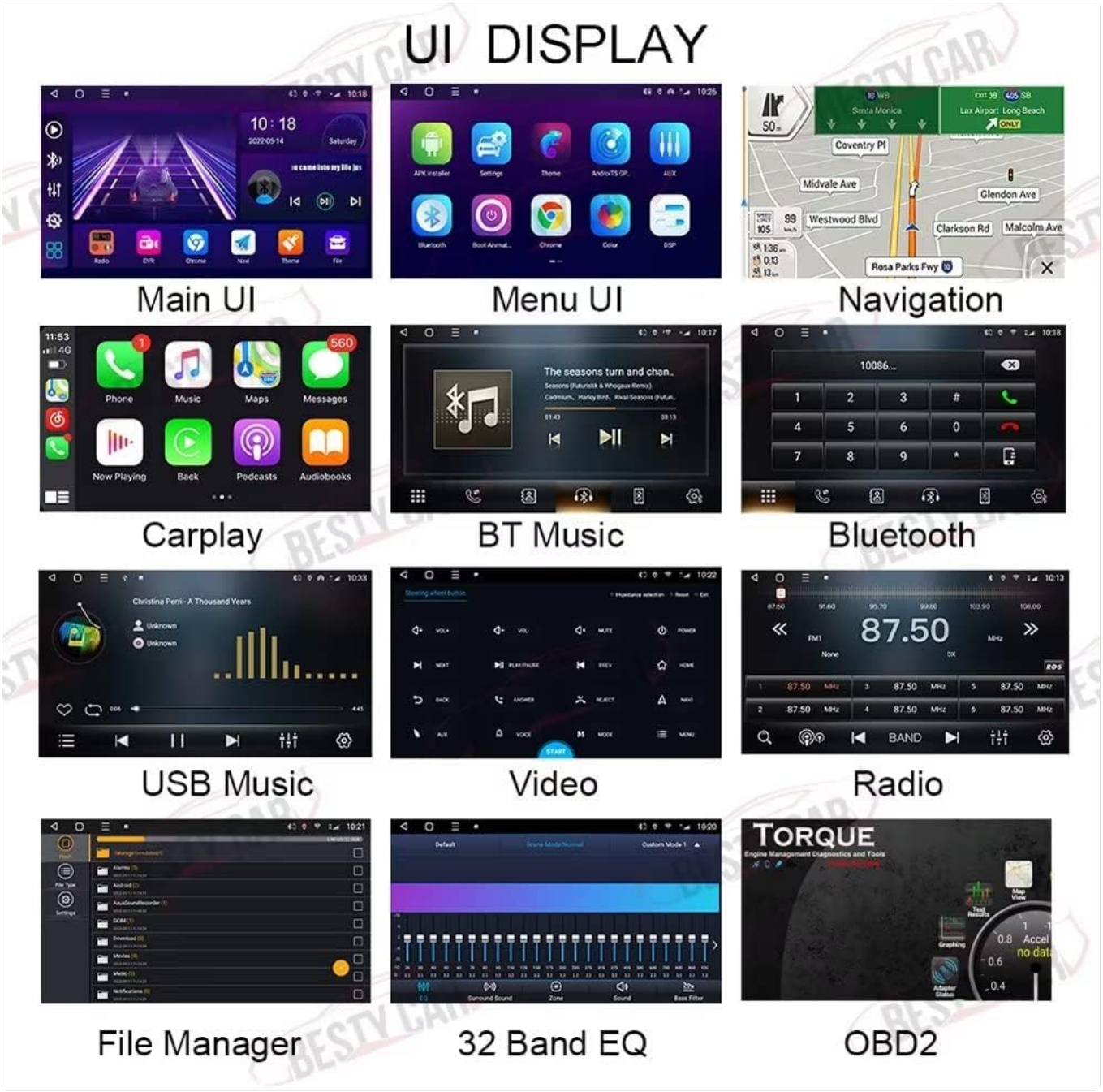

Image 5.1: Various screens of the Bestycar Android Car Stereo user interface, including the main home screen, app menu, navigation display, CarPlay, Bluetooth music, Bluetooth dialer, USB music, video player, radio, file manager, 32-band EQ, and OBD2 interface.

5.2 Navigation

The unit comes with built-in map data for North America. It supports both online and offline navigation. Connect to Wi-Fi or use the 4G function for real-time traffic updates and online map services.

5.3 Wireless CarPlay & Android Auto

The stereo features built-in wireless CarPlay and Android Auto. Connect your compatible smartphone wirelessly to access navigation, music, messages, and more directly on the stereo's screen.

- **CarPlay:** For iPhone users, connect via Bluetooth and follow the on-screen prompts to activate CarPlay.
- **Android Auto:** For Android users, connect via Bluetooth and follow the on-screen prompts to activate Android Auto.



Image 5.2: Demonstrates the built-in wireless CarPlay and Android Auto functionality, showing how a smartphone's navigation and media content are mirrored and controlled on the car stereo's display.

5.4 Bluetooth Functionality

Connect your smartphone via Bluetooth for hands-free calling and A2DP music streaming. The external microphone ensures clear voice quality during calls.

- **Pairing:** Go to the Bluetooth settings on the head unit and your phone, search for available devices, and pair with the stereo.
- **Hands-Free Calling:** Access your phonebook, dial numbers, and manage calls directly from the stereo screen.
- **Music Streaming:** Play audio from your phone through the car's speakers.



Image 5.3: Shows the Bluetooth dialer interface on the Bestycar car stereo, illustrating the phonebook search, caller name display, and support for Bluetooth music streaming.

5.5 Steering Wheel Control (SWC)

The unit supports your vehicle's original steering wheel controls, allowing you to manage audio, calls, and other functions without taking your hands off the wheel. This unit works with digital SWC.

- **Configuration:** After installation, access the SWC settings in the unit's menu to map your steering wheel buttons to the desired functions.



Image 5.4: Depicts the steering wheel control learning interface on the Bestycar car stereo, enabling users to map their vehicle's steering wheel buttons for safe and convenient operation.

5.6 Audio Settings (DSP & EQ)

The unit features a built-in 32-band EQ DSP audio processor and a 4 x 60W amplifier output. This allows for precise sound customization.

- **Equalizer:** Adjust the 32-band equalizer to fine-tune the audio output to your preference.
- **Subwoofer Output:** If connected, control the subwoofer level and crossover settings.

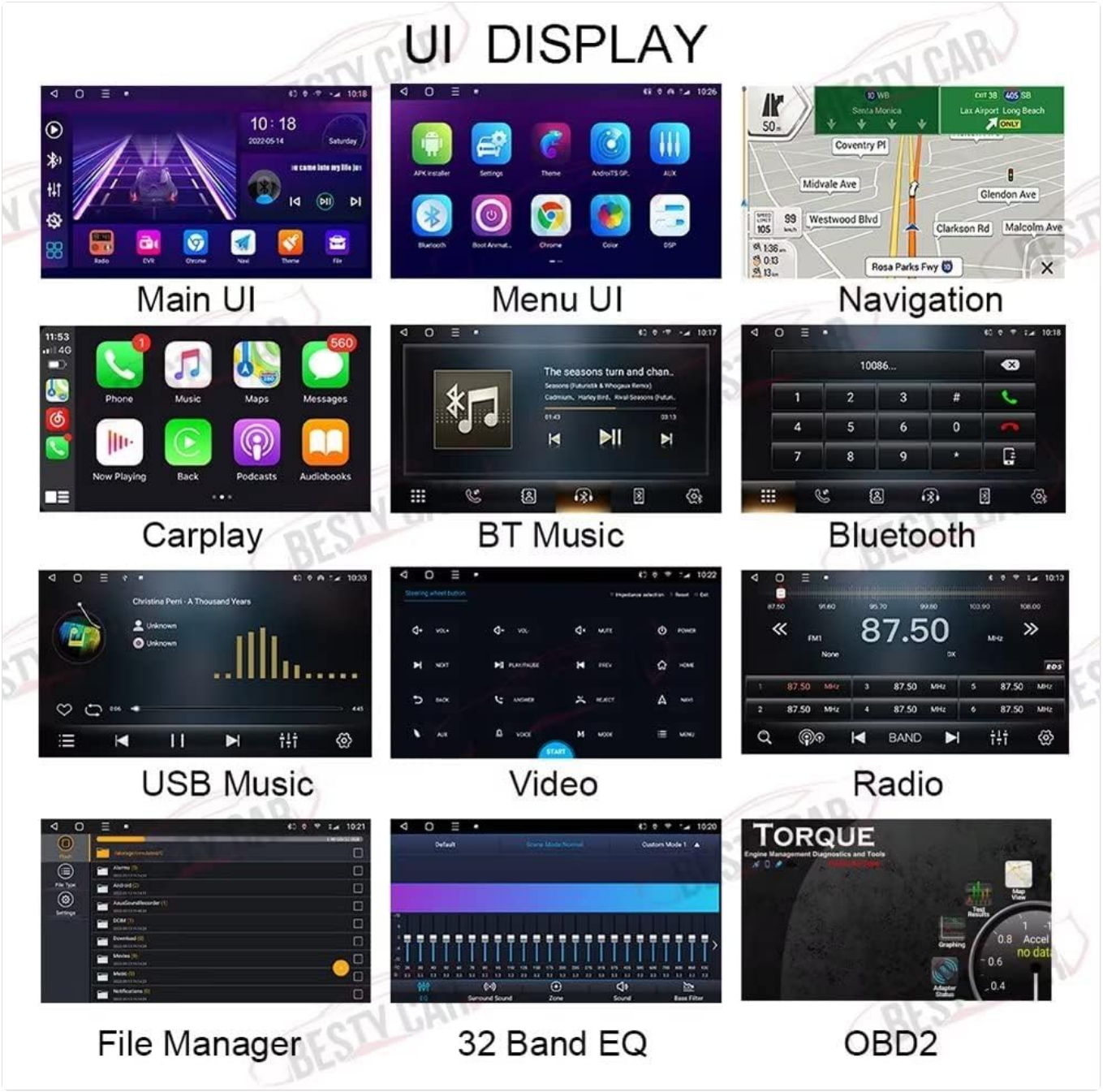

Image 5.5: A section of the UI DISPLAY image showing the 32-Band EQ interface, allowing for detailed audio customization.

5.7 AHD Backup Camera

The included AHD (Analog High Definition) backup camera provides a clear rear view when reversing, enhancing safety. The unit automatically displays the camera feed when the vehicle is in reverse gear.



Image 5.6: Illustrates the AHD reversing video display on the Bestycar car stereo, highlighting the clear picture quality and the included AHD backup camera.

5.8 Other Features

- **Split Screen:** Run two applications simultaneously on the screen.
- **Google Play Store:** Download and install additional apps.
- **Wi-Fi Hotspot / 3G / 4G:** Connect to the internet via Wi-Fi or an optional 3G/4G modem.
- **AUX-IN & CAM-IN:** Support for external audio and video inputs.
- **Lossless Music & 3D Games:** Enjoy high-quality audio and compatible games.
- **Online Video / TV / Movie / Music / Radio / YouTube:** Access various entertainment options.
- **OBDII / TPMS / DVR / TV Tuner / DAB+:** Support for optional accessories (sold separately).

6. Maintenance

6.1 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 or abrasive materials.

6.2 Software Updates

Periodically check for software updates to ensure optimal performance and access to new features. Updates can usually be found in the system settings menu or on the Bestycar support website.

6.3 General Care

Avoid exposing the unit to direct sunlight for extended periods when parked, as extreme heat can affect electronic components. Ensure all cables are securely connected and free from damage.

7. Troubleshooting

If you encounter issues with your Bestycar car stereo, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power	Loose power connection, blown fuse, vehicle battery issue.	Check power harness connections. Inspect vehicle fuses. Ensure battery is charged.
No Sound	Volume too low, mute activated, speaker wiring issue, incorrect audio output setting.	Increase volume. Check mute status. Verify speaker connections. Adjust audio settings.
GPS Not Working / Inaccurate	GPS antenna not properly connected or positioned, outdated map data.	Ensure GPS antenna has a clear view of the sky. Check antenna connection. Update map data if necessary.
Bluetooth Connection Issues	Phone not discoverable, incorrect pairing process, interference.	Ensure phone's Bluetooth is on and discoverable. Re-pair the device. Move away from other Bluetooth devices.
Touchscreen Unresponsive	Software glitch, screen protector interference, physical damage.	Restart the unit. Remove any screen protectors. If issue persists, contact support.
Backup Camera Not Displaying	Camera wiring issue, incorrect input selected, camera malfunction.	Check camera power and video connections. Ensure vehicle is in reverse. Verify CAM-IN input is selected.

If the problem persists after attempting these solutions, please contact Bestycar customer support for further assistance.

8. Specifications

Key technical specifications for the Bestycar 9-inch Android 13 Car Stereo Radio:

- **Operating System:** Android 13
- **CPU:** Octa-Core Processor
- **RAM:** 2GB
- **ROM:** 32GB
- **Screen Size:** 9 inches

- **Screen Type:** 2.5D+IPS Touch Screen
- **Screen Resolution:** 1280*720 HD QLED
- **Audio Output Power:** 4 x 60 Watts
- **Audio Processor:** Built-in 32-Band EQ DSP
- **Connectivity:** Auxiliary, Bluetooth, Cellular (4G), Wi-Fi (5G)
- **Special Features:** Built-in Wireless CarPlay, Built-in Android Auto, GPS Navigation, Steering Wheel Control (SWC), AHD Backup Camera Support, Split Screen Function, Google Play Store, Subwoofer Output
- **Compatible Devices:** Smartphone
- **Connector Types:** 3.5mm Jack, RCA, USB
- **Supported Internet Services:** YouTube

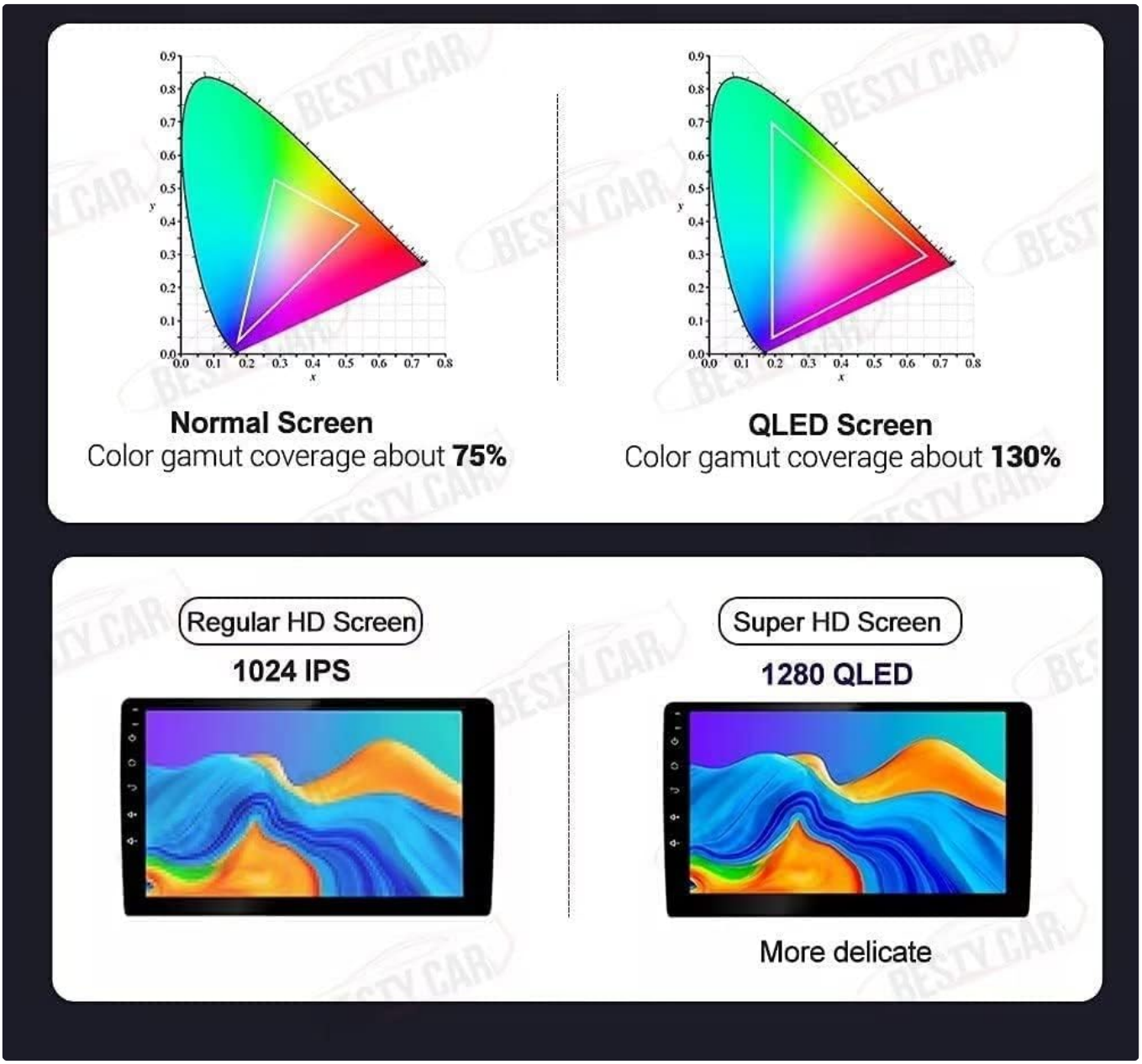

Image 8.1: Illustrates the superior color gamut and resolution of the QLED screen (1280 QLED) compared to a normal screen (75% color gamut) and a regular HD IPS screen (1024 IPS), highlighting the more delicate display of the Bestycar unit.

9. Warranty & Support

9.1 Warranty Information

Your Bestycar 9-inch Android 13 Car Stereo Radio comes with the following warranty:

- **Money-Back Guarantee:** 30 days for money back or replacement from the date of purchase.
- **Repair Warranty:** 1 year repairing warranty for the head unit from the date of purchase.

Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your Bestycar product, please contact Bestycar customer support through the retailer where you purchased the product or visit the official Bestycar website for contact information.

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