

FELLOSTAR B09DG612LK

FELLOSTAR Android 10 Car Stereo Head Unit User Manual

Model: B09DG612LK

1. PRODUCT OVERVIEW

The FELLOSTAR Android 10 Car Stereo Head Unit is a multimedia player designed to upgrade your vehicle's infotainment system. It features a 7-inch touchscreen, an 8-Core CPU, 2GB RAM, and 32GB ROM, providing a responsive user experience. Key functionalities include GPS navigation, Apple CarPlay, Android Auto, Bluetooth connectivity, and support for 4G SIM cards.

Key Features

- **Operating System:** Android 10.0
- **Processor:** 8-Core CPU
- **Memory:** 2GB RAM + 32GB ROM
- **Display:** 7-inch touchscreen with 1024x600 resolution, 1080P video playback
- **Connectivity:** Built-in WiFi, 4G LTE support (SIM card required), Bluetooth
- **Smartphone Integration:** Compatible with Apple CarPlay and Android Auto
- **Navigation:** GPS navigation with online map support
- **Audio:** Built-in DSP for enhanced sound effects
- **Control:** Supports steering wheel control function



Front view of the FELLOSTAR Android 10 Car Stereo Head Unit, highlighting its main features like 2GB RAM, 32GB ROM, Octa Core processor, and support for Carplay and Android Auto.

2. APPLICABLE CAR MODELS

This double DIN car radio is designed for universal fitment in various Toyota models. Please verify the stereo's front panel size (200mm (W) x 100mm (H)) against your vehicle's dashboard opening before installation.

NOTE: This stereo is not compatible with Hybrid, SE, and models equipped with JBL audio systems.

Special Feature



Android 10.0



8-Core



2+32GB



4G Lte



With RDS



Carplay+Auto

Detailed compatibility chart listing various Toyota models and their applicable years, including specific notes for certain models like Corolla E12.

Compatible Toyota Models (Examples)

Model	Years
Toyota Camry	2002-2006
Toyota Corolla	2000-2006 (Not E12)
Toyota Corolla EX	2000-2011
Toyota Hilux	2001-2011
Toyota Echo	1998-2005
Toyota RAV4	2001-2008
Toyota Vios	2003-2010

Model	Years
Toyota Terios	2006-2012
Toyota Proda	1996-2009
Toyota Crown	2003-2007

3. SPECIFICATIONS

Feature	Detail
Operating System	Android 10.0
CPU	8-Core
RAM	2GB
ROM	32GB
Screen Size	7 Inches
Resolution	1024 x 600
Special Feature	Touchscreen
Connectivity Technology	Auxiliary, Cellular, USB
Map Type	North America (Pre-installed, online maps supported)
Audio Output Mode	AUX, Stereo
Mounting Type	Panel Mount
Package Dimensions	8.78 x 5.71 x 4.92 inches
Item Weight	2.51 pounds

4. WHAT'S IN THE BOX

Upon opening the package, please ensure all the following components are present:

- FELLOSTAR Android Car Stereo Head Unit
- Power Cable
- Audio Cable (RCA)
- Camera Input Cable
- GPS Antenna
- USB Cables (x2)
- Microphone (MIC)
- User Manual



For Toyota Camry 2002-2006



For Toyota Corolla 2000-2006



For Toyota Hilux 2001-2011



For Toyota Corolla EX 2000-2011



For Toyota RAV4 2001-2008



For Toyota Vios 2003-2010



For Toyota Terios 2006-2012



For Toyota Proda 1996-2009



For Toyota Crown 2003-2007

Illustration of the head unit's rear connections and the included accessories: power cable, audio cable, camera input, GPS antenna, USB cables, microphone, and user manual.

5. SETUP

5.1 Installation Guide

Professional installation is recommended for this car stereo head unit. Ensure the vehicle's battery is disconnected before beginning any wiring. Refer to your vehicle's specific wiring diagram for accurate connections. The unit is designed for a double DIN slot (200mm x 100mm).

1. **Mounting:** Securely mount the head unit into the vehicle's dashboard opening.
2. **Power Connection:** Connect the main power cable to the vehicle's power supply, ensuring correct positive and negative terminals.
3. **Speaker Connections:** Connect the speaker wires to the corresponding vehicle speaker outputs.
4. **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. **USB Connections:** Connect the provided USB cables for external devices or media.
6. **Backup Camera (Optional):** If installing a backup camera, connect its video input to the designated camera input on the head unit.
7. **Microphone:** Connect the external microphone for hands-free calling and voice commands.
8. **Steering Wheel Control:** Connect the steering wheel control wires if your vehicle supports this feature and you wish to use it.



For Toyota Camry 2002-2006



For Toyota Corolla 2000-2006



For Toyota Hilux 2001-2011



For Toyota Corolla EX 2000-2011



For Toyota RAV4 2001-2008



For Toyota Vios 2003-2010



For Toyota Terios 2006-2012



For Toyota Proda 1996-2009



For Toyota Crown 2003-2007

Detailed diagram showing the rear panel connections of the head unit, including power, audio, USB, GPS, and camera inputs, along with the corresponding cables.

5.2 Initial Power-Up and Configuration

After installation, reconnect the vehicle's battery and power on the unit. The system will boot into the Android 10 interface.

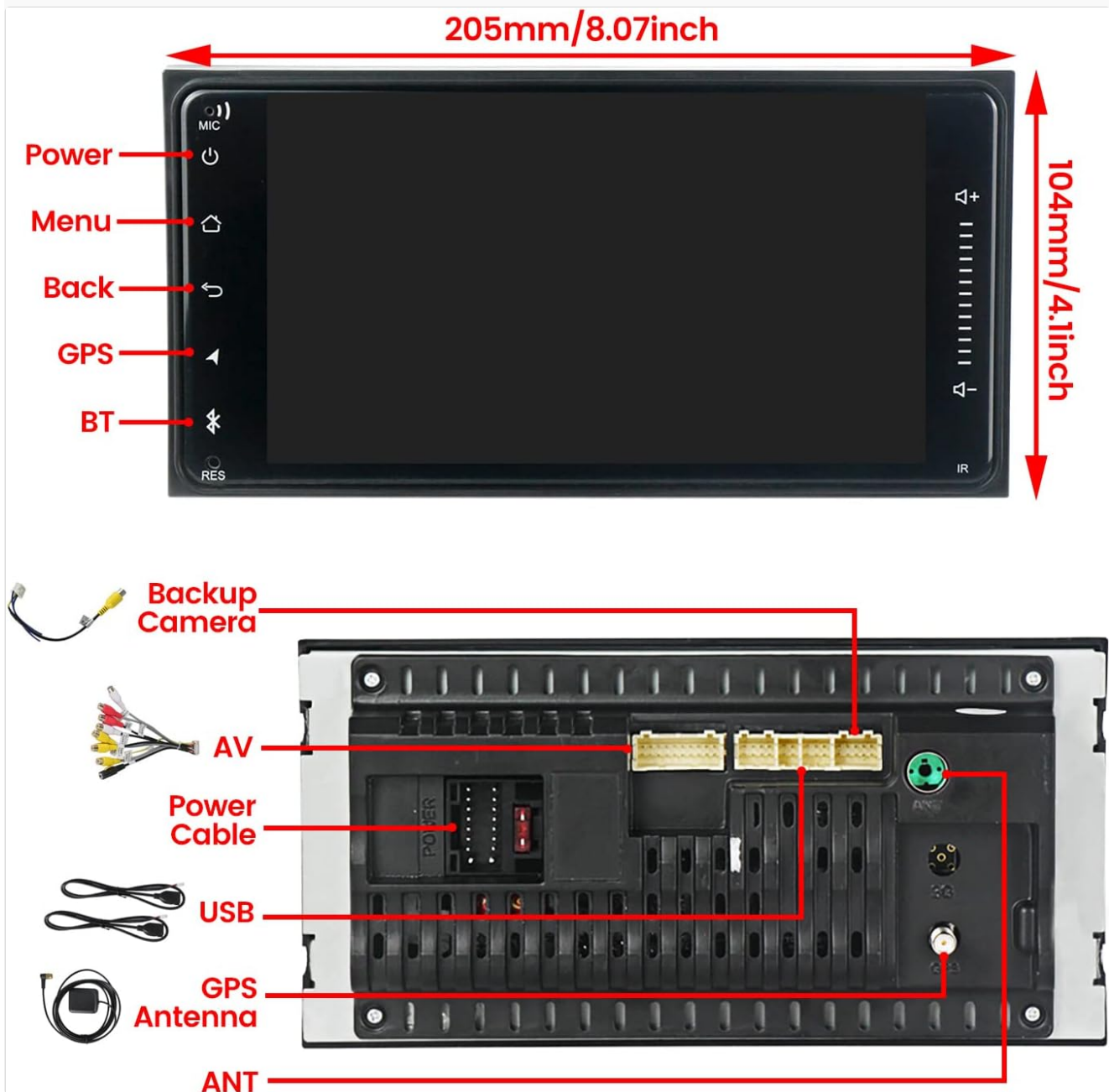
1. **Language and Time:** Follow the on-screen prompts to set your preferred language, time zone, and date.
2. **WiFi Connection:** Navigate to Settings > Network & Internet > Wi-Fi to connect to an available Wi-Fi network. This is essential for online map updates, app downloads, and internet browsing.

3. **GPS Calibration:** Ensure the GPS antenna is properly installed. The system should automatically acquire satellite signals for navigation.
4. **Steering Wheel Control Learning:** If connected, access the steering wheel control settings in the system menu to program the buttons according to your preference.

6. OPERATING INSTRUCTIONS

6.1 User Interface Navigation

The head unit features an intuitive Android 10 interface. Swipe left or right on the home screen to access different pages of applications. Tap icons to launch apps, and use the physical buttons (Power, Menu, Back, GPS, BT) on the left side of the unit for quick access to common functions.



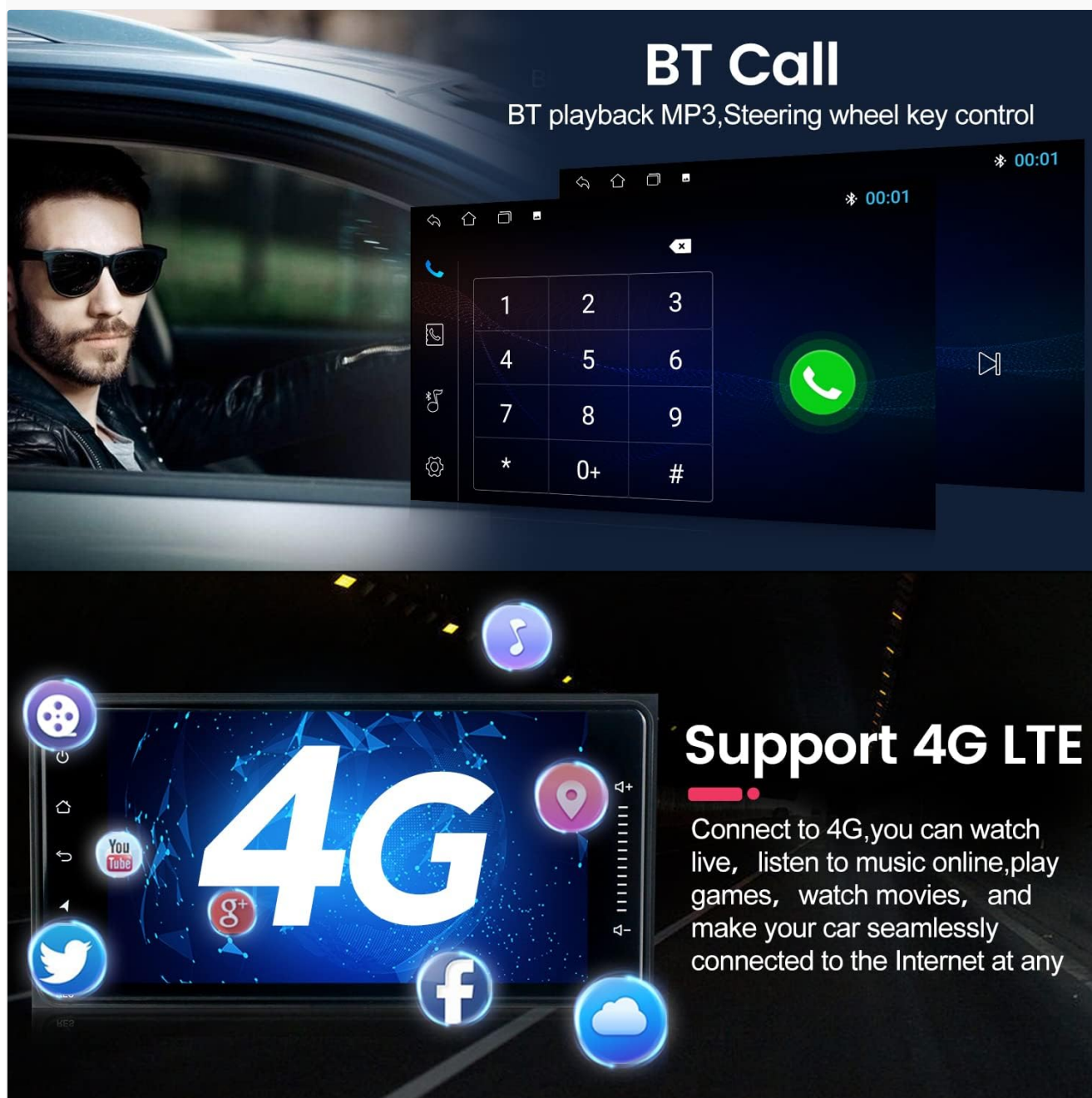
A collage of different UI screens, demonstrating the Android 10 operating system, app launcher, phone interface, Bluetooth pairing, radio tuner, and audio equalizer settings.

6.2 Apple CarPlay & Android Auto

Connect your smartphone to the head unit to utilize Apple CarPlay or Android Auto. This allows you to access

navigation, phone contacts, email, notifications, and music directly from your phone, displayed on the stereo screen, while maintaining focus on the road.

- **Connection:** Connect your iPhone via USB for Apple CarPlay or your Android phone via USB for Android Auto. Some units may support wireless connections.
- **Features:** Access compatible apps such as Maps, Phone, Messages, Music, and Podcasts.



The head unit screen showing the Apple CarPlay interface, with a smartphone connected via USB, illustrating seamless integration for navigation, communication, and entertainment.

6.3 GPS Navigation & WiFi Connect

The unit supports GPS navigation. After connecting to a WiFi network, you can use online maps and download additional navigation applications from the application store, similar to a smartphone.

- **Online Maps:** Access real-time traffic information and updated maps when connected to WiFi.
- **App Installation:** Install or delete Android applications from the pre-installed app store.



The head unit displaying a web browser, demonstrating its WiFi connectivity for internet access and GPS navigation features.

6.4 Bluetooth Connectivity

Pair your mobile phone via Bluetooth for hands-free calling and audio streaming.

- **Pairing:** Go to Bluetooth settings on the head unit and your phone, search for the device, and pair them.
- **Hands-Free Calling:** Make and receive calls directly from the head unit's screen.
- **Audio Playback:** Stream music and other audio from your phone to the car stereo.



The head unit displaying a phone dialer screen with a Bluetooth symbol, illustrating its hands-free calling feature.

6.5 Audio Settings (DSP Processor)

The built-in DSP (Digital Signal Processor) module provides multi-dimensional surround sound effects, allowing for a customizable audio experience.

- **Equalizer:** Adjust various frequency bands to tailor the sound output to your preference.
- **Sound Effects:** Select from preset sound modes or customize your own.



The head unit displaying a detailed graphic equalizer, highlighting the functionality of the built-in DSP processor for audio customization.

6.6 Steering Wheel Control

If your vehicle supports steering wheel controls and they are properly wired, you can program the buttons to control various functions of the head unit, such as volume, track skipping, and mode selection.

- **Programming:** Access the 'Steering Wheel Control' settings in the system menu to assign functions to your vehicle's steering wheel buttons.



The head unit displaying a phone call screen, with an illustration of a hand interacting with steering wheel controls, demonstrating the unit's compatibility with vehicle steering wheel functions.

6.7 4G LTE Connectivity

The head unit supports 4G SIM cards, allowing you to connect to the internet directly without relying on a WiFi hotspot from your phone. This enables online streaming, browsing, and app usage while on the go.

- **SIM Card Insertion:** Insert a compatible 4G SIM card into the designated slot (refer to the installation guide for location).
- **Data Usage:** Monitor your data usage through the system settings.

UI Interface



The head unit displaying a 4G LTE connection indicator and icons for various online applications, demonstrating its capability for cellular data connectivity.

7. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your car stereo head unit.

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. Avoid abrasive cleaners or harsh chemicals.
- **Software Updates:** Periodically check for system software updates via the settings menu when connected to WiFi. Updates can improve performance and add new features.
- **Avoid Extreme Temperatures:** Do not expose the unit to prolonged direct sunlight or extreme cold, as this can affect its components.
- **Secure Connections:** Ensure all cables and connections remain secure to prevent intermittent issues.

8. TROUBLESHOOTING

If you encounter issues with your FELLOSTAR car stereo, refer to the following common troubleshooting steps:

- **No Power:**

- Check all power connections and fuses.
- Ensure the vehicle's battery is charged.

- **No Sound:**

- Verify speaker connections.
- Check volume levels and mute settings.
- Ensure the correct audio source is selected.

- **GPS Not Working:**

- Ensure the GPS antenna is properly connected and has a clear view of the sky.
- Check WiFi connection for online map services.

- **Bluetooth Pairing Issues:**

- Ensure Bluetooth is enabled on both the head unit and your phone.
- Delete previous pairings and try again.
- Restart both devices.

- **CarPlay/Android Auto Not Connecting:**

- Use a high-quality USB cable.
- Ensure your phone's operating system is up to date.
- Check phone settings for CarPlay/Android Auto permissions.

- **System Freezing/Unresponsive:**

- Perform a soft reset by pressing the reset button (if available, often a small pinhole).
- If persistent, a factory reset may be necessary (note: this will erase all user data and settings).

9. WARRANTY INFORMATION

For detailed warranty information regarding your FELLOSTAR Android 10 Car Stereo Head Unit, please refer to the warranty card included in your product packaging or contact the seller directly. Warranty terms and conditions typically cover manufacturing defects for a specified period from the date of purchase.

10. CUSTOMER SUPPORT

If you have any questions, require assistance with installation, or encounter issues not covered in this manual, please contact FELLOSTAR customer support.

Email: fello-service@outlook.com

Our support team is available to assist you with your product inquiries.



FELLOSTAR customer support contact information.