ieGeek K305

ieGeek K305 RDS Car Radio Bluetooth 5.0 Instruction Manual

Model: K305 | Brand: ieGeek

1. INTRODUCTION

Thank you for choosing the ieGeek K305 RDS Car Radio. This 1 DIN car stereo system is designed to provide a rich audio experience with modern connectivity options. It features Bluetooth 5.0 for seamless wireless audio and hands-free calling, FM/AM/RDS radio, and multiple media playback options including USB, SD card, and AUX input. This manual provides detailed instructions for installation, operation, and maintenance to ensure optimal performance and longevity of your device.

Figure 1.1: ieGeek K305 Car Radio with included remote control.

2. PRODUCT OVERVIEW

2.1 Key Features

- **Bluetooth 5.0:** Faster and more stable connection, compatible with iOS and Android devices. Built-in microphone for hands-free calls and Bluetooth music playback.
- **RDS Stereo Radio:** Supports FM/AM/RDS tri-band radio search with storage for up to 30 stations (18 FM, 12 AM).
- **Multiple Media Support:** Dual USB ports (one 2.1A charging port), Micro SD card slot, and 3.5mm AUX-IN for playback of MP3, WMA, WAV, and FLAC audio formats.
- **Power-off Memory Function:** Automatically returns to the previous state (time, radio station, music) after power-off and restart.
- **Customizable Backlight:** 7 selectable backlight colors to match your mood or vehicle interior.
- **Independent Clock Display:** Clear time visibility for enhanced driving safety.

2.2 Front Panel Controls and Ports

Familiarize yourself with the front panel controls and available ports for easy operation.

Figure 2.1: The ieGeek K305 features 7 selectable backlight colors.

7 boutons lumineux de couleur

Créez une ambiance et facilitez votre opération dans la nuit

Figure 2.2: USB and AUX-IN ports for media playback and device charging.

3. SETUP AND INSTALLATION

3.1 Dimensions and Detachable Panel

The ieGeek K305 is a standard 1 DIN size unit. The detachable front panel provides an anti-theft feature.

Affichage de l'heure LED seul

Ne soyez pas distrait pour regarder votre montre
Panneau antivol détachable

Figure 3.1: Product dimensions and detachable panel feature.

3.2 Wiring Diagram

Proper wiring is crucial for the safe and correct operation of your car radio. Refer to the diagram below for speaker and power connections. If you are unsure about the installation process, it is recommended to seek professional assistance.
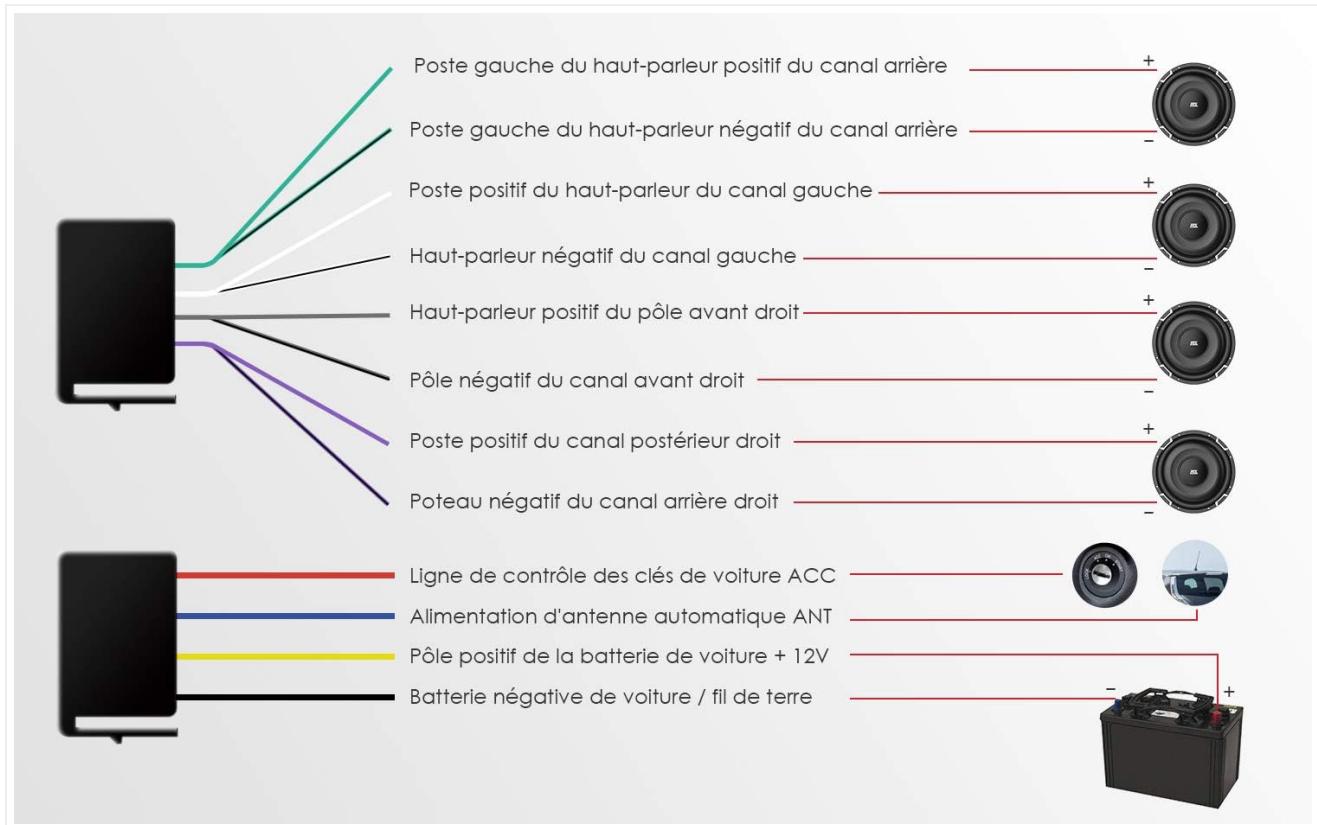
Figure 3.2: Detailed wiring diagram for the ieGeek K305.

Speaker Connections:

Rear Left Speaker: Positive (+) and Negative (-)

Front Left Speaker: Positive (+) and Negative (-)

Front Right Speaker: Positive (+) and Negative (-)

Rear Right Speaker: Positive (+) and Negative (-)

Power Connections:

ACC Key Control Line

Automatic Antenna Power (ANT)

Car Battery Positive (+12V)

Car Battery Negative / Ground Wire

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Volume Control

- Press the power button (usually the main knob) to turn the unit on or off.
- Rotate the main knob to adjust the volume.

4.2 Bluetooth Operation

The ieGeek K305 features Bluetooth 5.0 for wireless audio streaming and hands-free communication.

AUX-IN

Supporter AUX 3,5 mm / carte SD et la clé USB (jusqu'à 32 Go) et la charge du téléphone portable.

Figure 4.1: Bluetooth 5.0 connectivity for music and calls.

1. **Pairing:** Turn on Bluetooth on your mobile device and search for available devices. Select 'ieGeek K305' (or similar name) from the list to pair.
2. **Hands-Free Calling:** Once paired, you can answer, reject, or redial calls directly from the car radio. The built-in microphone ensures clear communication.
3. **Music Streaming:** Play music from your paired device through the car speakers. Use the car radio controls to play, pause, skip tracks.

4.3 Radio (FM/AM/RDS)

Access and store your favorite radio stations.

Figure 4.2: Enjoy a wide range of radio content with FM/AM/RDS.

1. **Mode Selection:** Press the 'MODE' button to switch to FM or AM radio mode.
2. **Automatic Search:** Press and hold the 'AMS' button to automatically search and store strong stations.
3. **Manual Tuning:** Use the tuning buttons to manually adjust the frequency.
4. **Station Presets:** Use the numbered buttons (1-6) to save and recall your favorite stations.

4.4 USB/SD/AUX Playback

Connect various external devices for audio playback.

- **USB/SD:** Insert a USB drive or Micro SD card into the respective slot. The unit will automatically switch to USB/SD mode and begin playing supported audio files (MP3, WMA, WAV, FLAC).
- **AUX-IN:** Connect your external audio device (e.g., smartphone, MP3 player) to the 3.5mm AUX-IN jack using an audio cable. Select 'AUX' mode on the unit.
- **USB Charging:** One of the USB ports provides 2.1A output for fast charging of your mobile devices.

4.5 Remote Control

The included remote control allows for convenient operation from a distance.
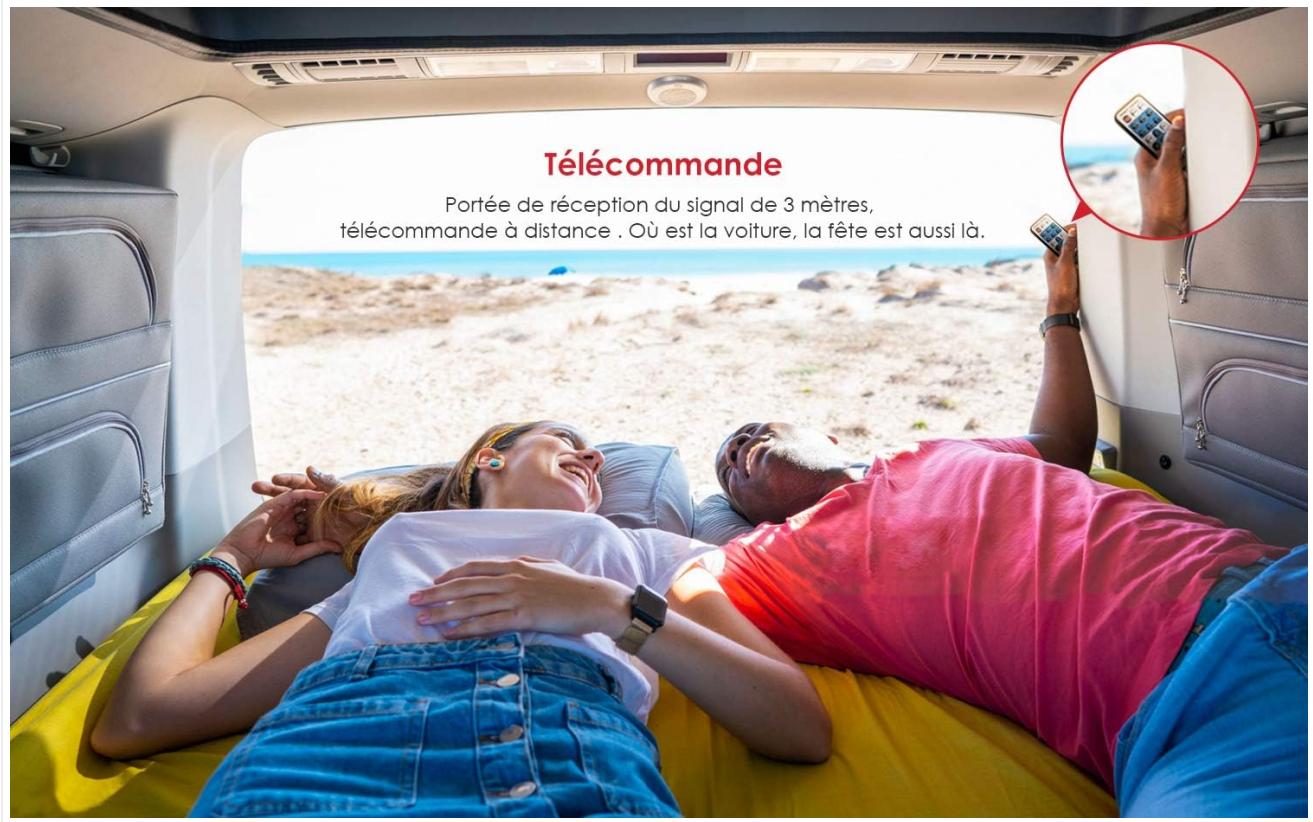
Figure 4.3: The remote control offers a signal reception range of 3 meters.

- Point the remote control towards the car radio's front panel.
- Ensure there are no obstructions between the remote and the unit.
- Replace the battery when the remote's range or responsiveness decreases.

5. MAINTENANCE

To ensure the longevity and optimal performance of your ieGeek K305 car radio, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the front panel. For stubborn dirt, dampen the cloth slightly with water. Avoid using harsh chemicals, solvents, or abrasive cleaners, as they can damage the surface.
- **Detachable Panel:** When removing the detachable panel, handle it carefully to avoid scratching or damaging the connectors. Store it in a protective case when not in use.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or high humidity.
- **Connections:** Periodically check all wiring connections to ensure they are secure and free from corrosion.

6. TROUBLESHOOTING

If you encounter issues with your ieGeek K305, refer to the following common problems and their solutions:

Problem	Possible Cause	Solution
No Power	Incorrect wiring; Blown fuse; Loose power connection.	Check power and ground wires; Inspect vehicle's fuse box and the unit's fuse; Ensure all connections are secure.

Problem	Possible Cause	Solution
No Sound	Incorrect speaker wiring; Volume too low; Mute function activated; Incorrect audio source.	Verify speaker connections; Increase volume; Deactivate mute; Select correct audio source (FM, AM, Bluetooth, USB, AUX).
Bluetooth Not Connecting	Bluetooth not enabled on device; Unit not in pairing mode; Device too far.	Ensure Bluetooth is on and discoverable on your phone; Put the car radio in Bluetooth pairing mode; Bring devices closer.
USB/SD Playback Error	Unsupported file format; Corrupted files; USB/SD card not properly inserted.	Ensure files are MP3, WMA, WAV, or FLAC; Try a different USB/SD card; Reinsert the card/drive.
Poor Radio Reception	Antenna not connected; Weak signal area; Damaged antenna.	Check antenna connection; Move to an area with better signal; Inspect antenna for damage.

If the problem persists after trying these solutions, please contact ieGeek customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	ieGeek
Model Number	K305
Connectivity Technology	Bluetooth 5.0
Audio Output Mode	Stereo
Output Power	60W x 4 Channels (Total 240W)
Total USB Ports	2 (one 2.1A charging port)
Compatible Devices	Smartphone, iPhone, iPod, Android, USB drives, Micro SD cards
Special Features	7-color background light, Built-in microphone, FM car radio with RDS function, Independent clock display, Power-off memory function, Remote control
Material	Plastic
Controller Type	Mechanical Button
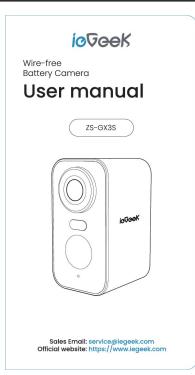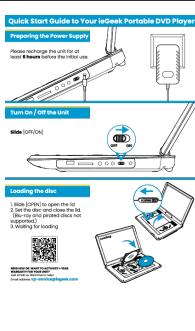
8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product packaging or contact ieGeek directly through their official website or customer service channels. Specific details regarding warranty period, spare parts availability, and software updates were not provided in the product data.

Figure 8.1: Product packaging and included accessories.

Related Documents

[ieGeek ZS-GX3S Wire-free Battery Camera User Manual](#)
Comprehensive user manual for the ieGeek ZS-GX3S wire-free battery camera. Learn about camera introduction, app download and registration, Wi-Fi connection, and troubleshooting.

[ieGeek Portable DVD Player Quick Start Guide](#)
Get started quickly with your ieGeek portable DVD player. This guide covers essential setup, power, operation, and disc loading instructions for a seamless user experience.
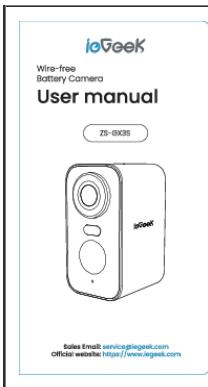
	[ieGeek ZS-GX3S Wire-free Battery Camera User Manual](#) User manual for the ieGeek ZS-GX3S wire-free battery camera, covering setup, Wi-Fi connection, charging, installation, and troubleshooting.
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