

EKAT B0CMX5LTLP

EKAT Android 13 Car Radio User Manual

Model: B0CMX5LTLP

1. PRODUCT OVERVIEW

The EKAT Android 13 Car Radio is a 7-inch touchscreen stereo designed for various Ford models. It features a 1080P HD display, a 4-core CPU, 2GB RAM, and 64GB ROM, providing a responsive and feature-rich in-car entertainment system. Key functionalities include Wireless CarPlay, Android Auto, Bluetooth, GPS navigation, FM RDS radio, and steering wheel control (SWC) support.

1.1 Applicable Models

This unit is compatible with the following Ford vehicles:

- Ford F150 F-150: 2004-2008
- Ford F250/F350: 2006-2014
- Ford E250/E350: 2009-2014
- Ford Edge: 2007-2010
- Ford Taurus/Sable: 2008-2009
- Ford Fusion/Milan: 2006-2009
- Ford Focus/Montego/Freestyle: 2005-2007
- Ford Explorer (U251): 2006-2010
- Ford Escape: 2008-2012
- Ford Mountaineer: 2007-2010
- Ford Expedition: 2007-2014
- Ford MKX: 2007-2009
- Ford Mark LT: 2006-2008
- Ford Mustang: 2005-2009

Applicable Model And Year

Suitable Models:

For Ford F150 2004-2008

Ford F250/F350 2006-2014

Ford E250/E350 2009-2014

Ford Edge 2007-2010

Ford Taurus/Sable 2008-2009

Ford Fusion/Milan 2006-2009

Ford Focus/Montego/Freestyle 2005-2007

Ford Explorer(U251) 2006-2010

Ford Escape 2008-2012

Ford Mountaineer 2007-2010

Ford Expedition 2007-2014

Ford MKX 2007-2009

Ford Mark LT 2006-2008

Ford Mustang 2005-2009



Figure 1.1: Applicable Ford Models and Years.

For Ford F150 F250 F350 Fusion Edge Explorer Taurus Freestar



After installation



Before installation

Figure 1.2: Comparison of a Ford dashboard before and after installing the EKAT car radio.

2. SETUP

2.1 Package Contents

Before installation, verify that all components are present in the package:

- EKAT Android 13 Car Radio Unit
- Power Cable (with vehicle-specific connectors)
- RCA Cable Set
- Rear Camera Input Cable
- Adapter Antenna
- GPS Antenna
- USB Cable
- Canbus Decoder
- User Manual



Figure 2.1: Complete Package List of the EKAT Car Radio.

2.2 Installation Overview

The EKAT Android 13 Car Radio is designed for plug-and-play installation with a vehicle-specific harness. No wire splicing is typically required. Ensure the vehicle's power is disconnected before beginning installation.

2.2.1 Connecting the Backup Camera

The reversing input cable must be connected even if a reversing camera is not used. Follow these steps for camera wiring:

1. **Red Cable** ①: Connect to the positive pole of the car reversing light cable.
2. **Black Cable** ②: Connect to the negative pole of the car reversing light cable.
3. The other two red extension cables ③ and ④ do not need to be connected.

How to Connect The Backup Camera

Tip: The reversing input must be plugged in even when the reversing camera is not used.

Reversing Camera Wiring

Red Cable ① : Connect the positive pole of the car reversing light cable

Black Cable ② : Connect the negative pole of the car reversing light cable

The other two red extension cables ③ ④ do not need to be connected

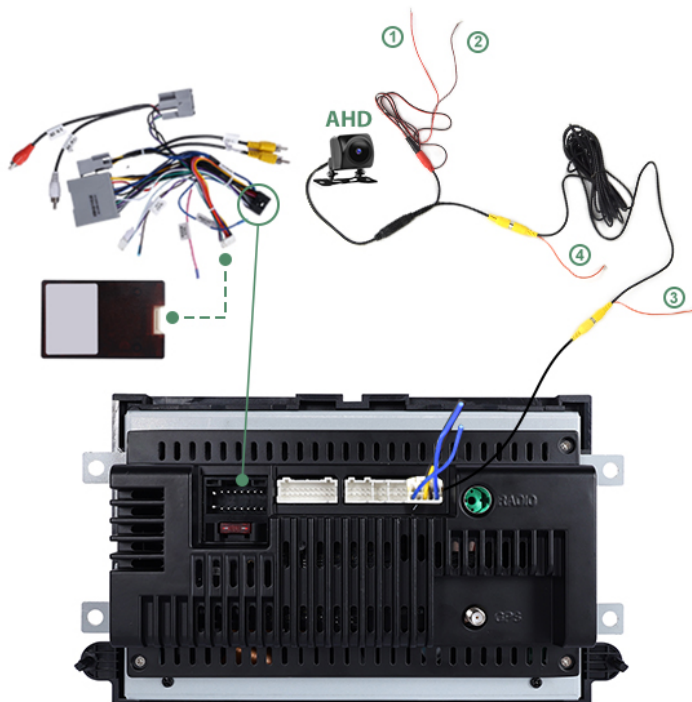


Figure 2.2: Backup Camera Wiring Diagram.

2.2.2 CAN Bus and Steering Wheel Controls

After connecting the Canbus, it is necessary to set it correctly for steering wheel controls to function. The procedure is as follows:

1. Go to **Settings**.
2. Select **Factory Setup**.
3. Input password **1234**.
4. Choose **Car Settings**.
5. Select the appropriate **Luzheng + the year and model of your car/Ford F150**



2.3 Unboxing and Component Overview Video

Watch this video for a detailed unboxing and overview of the components included with your EKAT car radio.

Your browser does not support the video tag.

Video 2.1: Function Video and Package for Ford. This video demonstrates the unboxing process and identifies the various cables and accessories included with the car radio unit.

3. OPERATING INSTRUCTIONS

3.1 Initial Power On and User Interface

Upon first power-on, the unit will boot to the Android home screen. Remove any protective films from the screen. The user interface is intuitive and can be customized. Long-press on the home screen to change the UI theme.

3.2 Wireless and Wired CarPlay / Android Auto

Connect your smartphone via Wireless or Wired CarPlay/Android Auto to access navigation, music, calls, and voice assistants (Siri/Google Assistant) for safe, hands-free operation.

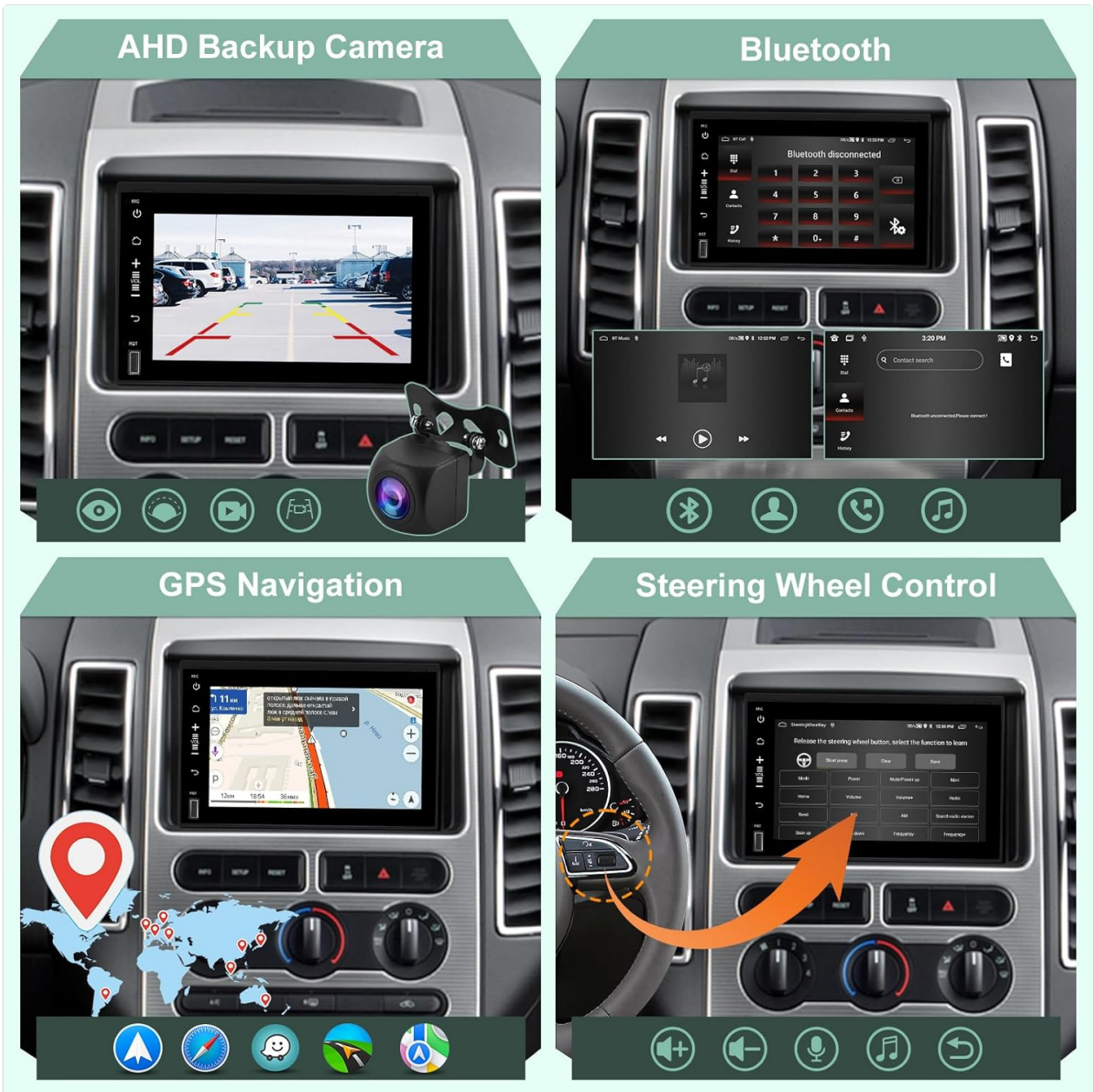


Figure 3.1: Wireless and Wired CarPlay/Android Auto Interface.

3.3 Wi-Fi and Hotspot Connection

Connect the car radio to a Wi-Fi network or your phone's hotspot to access online features, download apps, and use online maps.



Figure 3.2: Connecting to Wi-Fi/Hotspot.

3.4 GPS Navigation

The unit supports GPS navigation with both online and offline map capabilities. Download offline maps for your area to ensure navigation even without an internet connection.

Wired & Wireless CarPlay/Android Auto



Figure 3.3: GPS Navigation Interface (bottom-left panel).

3.5 Bluetooth Connectivity

Pair your phone via Bluetooth for hands-free calling and music playback. The default Bluetooth pairing password is **0000**.

Wired & Wireless CarPlay/Android Auto

Car Stereo



Figure 3.4: Bluetooth Interface (top-right panel).

3.6 FM RDS Radio

Tune into various radio stations and receive real-time traffic and news broadcasts via FM RDS functionality.



Figure 3.5: FM RDS Radio Interface (top-left panel).

3.7 EQ Audio Settings

Adjust the equalizer (EQ) settings to customize the audio output to your preference, enhancing the sound quality to closely match the original recording.



EQ Audio & HD Better Display

7
Inches

EQ
Equalizer

1080P
Touch Screen



Figure 3.6: EQ Audio and HD Display Settings.

3.8 Mirror Link and Split Screen

Use the Mirror Link feature (wired or wireless) to display your smartphone screen on the car radio. The Split Screen function allows you to run two applications simultaneously for enhanced multitasking.



Figure 3.7: Split Screen Functionality (middle-right panel).

3.9 Steering Wheel Control (SWC)

Once the Canbus is correctly configured (refer to Section 2.2.2), you can use your vehicle's steering wheel controls to manage functions like volume, track changes, and answering calls.

Wired & Wireless CarPlay/Android Auto

Car Stereo



Figure 3.8: Steering Wheel Control Interface (bottom-right panel).

3.10 AHD Backup Camera

When a compatible AHD backup camera is connected, the display automatically switches to the camera view when the vehicle is in reverse, helping to eliminate blind spots and avoid obstacles.

Wired & Wireless CarPlay/Android Auto



Figure 3.9: AHD Backup Camera View (top-left panel).

4. MAINTENANCE

To ensure optimal performance and longevity of your EKAT Android 13 Car Radio, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen cleaner. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for software updates through the system settings to ensure you have the latest features and bug fixes.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.
- **Connection Checks:** Occasionally check all cable connections to ensure they are secure, especially after any vehicle maintenance.

5. TROUBLESHOOTING

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

- **No Power/Screen Blank:** Ensure all power cables are securely connected. Check vehicle fuses. If the unit repeatedly shuts off, verify power supply stability.
- **CarPlay/Android Auto Disconnects:** Ensure your phone's operating system is up to date. Check the USB cable for damage if using a wired connection. For wireless, ensure stable Wi-Fi/Bluetooth connection and minimal interference.
- **Unresponsive Touch Screen:** Try restarting the unit. If the issue persists, contact customer support.
- **Steering Wheel Controls Not Working:** Re-verify the CAN bus settings as described in Section 2.2.2. Ensure the Canbus decoder is correctly installed.
- **No Sound:** Check volume levels on both the car radio and your connected device. Verify speaker connections. Check EQ settings to ensure no channels are muted or set too low.
- **GPS Signal Issues:** Ensure the GPS antenna is properly installed and has a clear line of sight to the sky.

For persistent issues or problems not covered here, please contact EKAT customer service.

6. SPECIFICATIONS

Feature	Specification
Item Weight	2.83 pounds
Package Dimensions	11.69 x 9.65 x 4.41 inches
Display Size	7 Inches
Warranty	2 YEARS
Voice Command	Touchscreen
ASIN	B0CMX5LTLP
Date First Available	November 8, 2023
Manufacturer	EKAT
Vehicle Service Type	Car
Special Feature	Bluetooth
Connectivity Technology	Bluetooth
Map Type	Worldwide
Included Components	CAR RADIO
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Resolution	1080p

7. WARRANTY AND SUPPORT

EKAT provides comprehensive support for your car radio:

- **Technical Support:** 7*24 hours of after-sales technical support is available to assist with installation and operation questions.
- **Money-Back Service:** Enjoy a 30-day money-back service from the date of purchase.
- **After-Sales Support:** The product comes with 24 months of after-sales support.

If you have any questions or require assistance, please do not hesitate to contact us.

No-Worry Guarantee

Car Stereo

- ▶ 7*24 hours of after sales technical support
- ▶ 30 day Money Back Service
- ▶ 2 years after sales support



Figure 7.1: EKAT Customer Support and Warranty Information.