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> KSPIV Android 12.1 Inch Tesla Style Car Stereo for Ford F150 (2013-2014) User Manual

KSPIV 162-MXG-LY-DE-FOVAL-0127-A-383

KSPIV Android 12.1 Inch Tesla Style Car Stereo for Ford F150 (2013-2014) User Manual

Model: 162-MXG-LY-DE-FOVAL-0127-A-383

1. PRODUCT OVERVIEW

This manual provides instructions for the KSPIV 12.1-inch Android Tesla Style Touch Screen Car Stereo, designed for Ford F150 models from 2013 to 2014. This unit features a Hexa-core Rockchip PX6 CPU, 4GB RAM, 64GB ROM, a 12.1-inch IPS HD 2K capacitive touch screen (1024x768 resolution), and supports 4K video playback. Key functionalities include wireless Carplay and Android Auto, GPS navigation, Bluetooth 5.0, FM/AM radio, rear view camera input, steering wheel control, and EQ settings.

After

For FORD F150 2013-2014

Before



Before



Figure 1: KSPIV 12.1-inch Android Tesla Style Car Stereo installed in a Ford F150 dashboard, illustrating the visual upgrade from the original radio.

2. PACKAGE CONTENTS

Verify that all components are present in the package before proceeding with installation.



Figure 2: Included cables and accessories for the KSPIV car stereo. This image displays the main unit, power cables, audio output cables, USB cables, GPS antenna, radio cable, RCA cables, and a CAN bus decoder.

- Main Head Unit (12.1-inch display)
- Power Cable Harness
- Audio Output Cables (RCA)
- USB Cables
- GPS Antenna
- Radio Cable
- CAN Bus Decoder
- Reverse Camera Input Cable (if included)

3. INSTALLATION GUIDE

Professional installation is recommended. Ensure the vehicle's battery is disconnected before beginning installation to prevent electrical damage.

3.1 Wiring Connections

Carefully connect all cables according to the labels and the vehicle's existing wiring harness. The main power harness, RCA cables, USB cables, GPS antenna, and radio antenna should be securely connected to their respective ports on the head unit and the vehicle.

Your browser does not support the video tag.

Video 1: Detailed wiring instructions for the KSPIV car stereo in a Ford F150 (2014-2015 model shown, similar for 2013-2014). This video demonstrates how to connect the various cables to the head unit and the vehicle's harness.

Important: Ensure the "REVERSE" wire (typically green or orange) from the head unit's harness is connected to the vehicle's reverse light signal wire for automatic backup camera activation.

4. OPERATING INSTRUCTIONS

4.1 General Interface and Features

The 12.1-inch touch screen provides access to various functions. Navigate through applications such as Navigation, Radio, Music, Video, and PhoneLink. The interface allows for split-screen functionality, enabling two applications to run simultaneously.

Your browser does not support the video tag.

Video 2: Demonstration of the KSPIV car stereo's features and user interface. This video showcases navigation, radio, music, video playback, and system settings.

4.2 Wireless Carplay & Android Auto

Connect your smartphone wirelessly to access Carplay or Android Auto. This synchronizes your phone's navigation, calls, messages, and music directly to the stereo screen.



Figure 3: Wireless Carplay and Android Auto functionality, showing how smartphone content is mirrored on the car stereo display.

4.3 GPS Navigation

The unit supports both online and offline navigation applications (e.g., Google Maps, Waze). Utilize the GPS dual-zone function to enjoy music or radio while navigating. Pre-installed with Google and YouTube, connect to Wi-Fi to download additional apps from the Play Store.

4.4 Bluetooth 5.0

Pair your mobile device via Bluetooth for hands-free calling and audio streaming. Access your phone book and recent calls directly from the stereo interface.

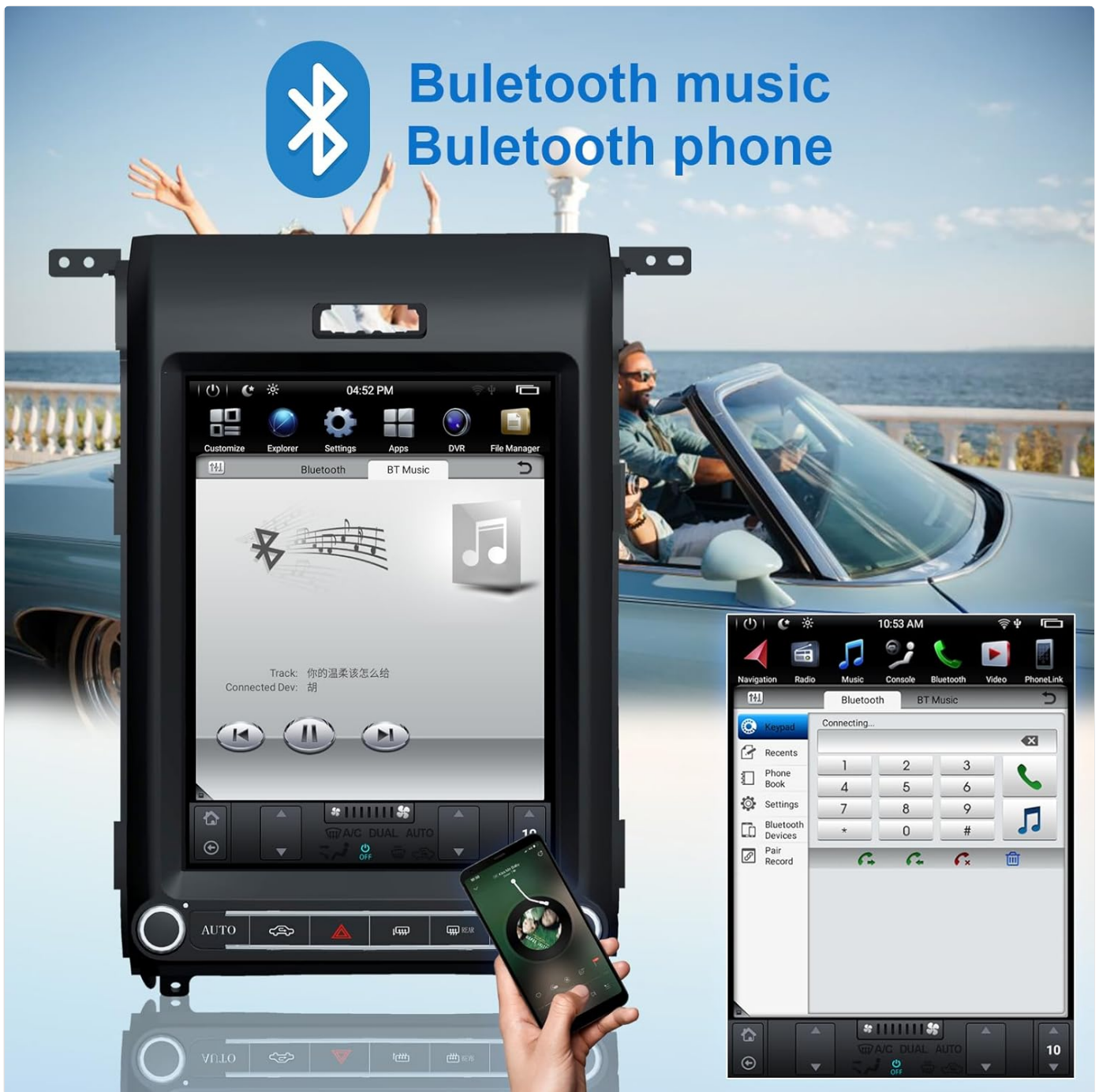


Figure 4: Bluetooth music playback and hands-free calling features on the car stereo.

4.5 Rear View Camera

When properly connected, the system automatically displays the rear view camera feed upon shifting into reverse, aiding in safer parking and maneuvering. The unit supports waterproof night vision cameras.

Reversing Video Input

1. With Waterproof night vision camera
2. Screen display backup video automatically



Figure 5: Automatic display of reversing video input with parking guidelines.

4.6 Steering Wheel Control (SWC)

The unit supports original steering wheel controls, allowing easy access to functions like volume adjustment, track skipping, and call management without taking your hands off the wheel.

Original Steering Wheel Control



Figure 6: Integration with original steering wheel controls for convenient operation.

4.7 Voice Control

Utilize voice commands for navigation, music playback, and other functions, enhancing driving safety and convenience.

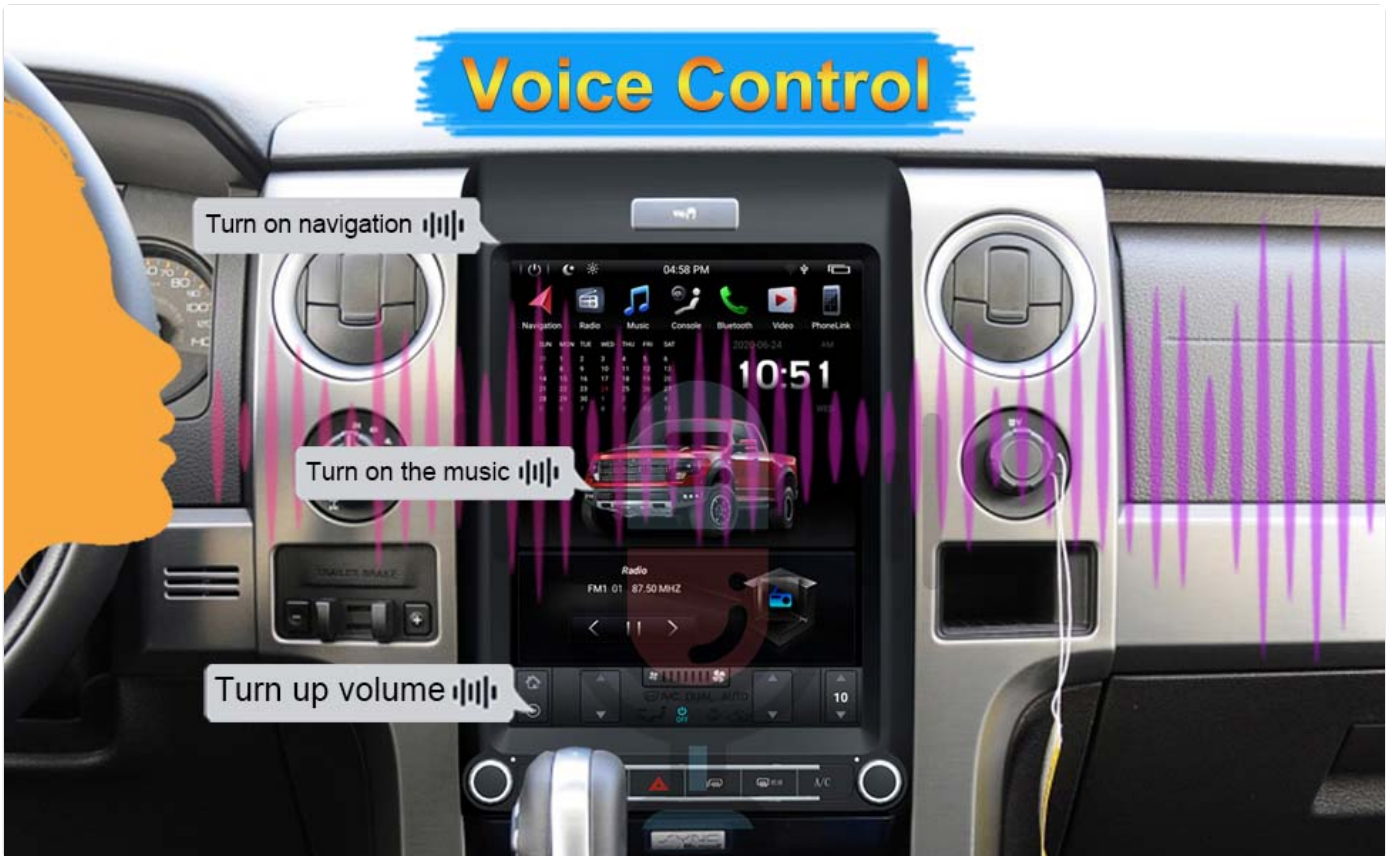


Figure 7: Voice control functionality for hands-free operation.

4.8 Audio Settings (DSP & EQ)

The unit includes a Digital Sound Processor (DSP) and EQ settings to customize your audio experience. Adjust frequency bands to match your preferences and vehicle acoustics. Supports aftermarket amplifiers via RCA output.

5. SPECIFICATIONS

Feature	Detail
Brand	KSPIV
Model Number	162-MXG-LY-DE-FOVAL-0127-A-383
Screen Size	12.1 Inches
Resolution	1024 x 768
Operating System	Android
Memory Storage Capacity	64 GB
Connectivity Technology	Bluetooth, RCA, Wi-Fi
Special Features	Touchscreen, Wireless Carplay, Android Auto, GPS, DSP, SWC, Backup Camera Input
Compatible Vehicle Type	Ford F150 (2013-2014)
Human-Interface Input	Touchscreen, Voice
Audio Output Mode	Stereo

6. MAINTENANCE

To ensure the longevity and optimal performance of your KSPIV car stereo, follow these maintenance guidelines:

- **Screen Cleaning:** Use a soft, lint-free cloth to gently wipe the touch screen. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Periodically check for software updates to ensure the system runs efficiently and has the latest features and security patches. Connect to Wi-Fi and navigate to system settings for updates.
- **Cable Connections:** Ensure all wiring connections remain secure. Loose connections can lead to intermittent functionality or poor performance.
- **Environmental Care:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

7. TROUBLESHOOTING

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

- **No Power:**
 - Check all power cable connections to ensure they are securely plugged in.
 - Verify the vehicle's fuse box for any blown fuses related to the stereo or accessory power.
- **No Sound:**
 - Ensure the volume is not muted or set to a very low level.

- Check audio output cable connections (RCA) to the amplifier or speakers.
- Verify audio settings (EQ, balance, fader) are correctly configured.
- **GPS Not Working:**
 - Ensure the GPS antenna is properly connected and placed in a location with a clear view of the sky.
 - Check GPS settings within the unit to ensure navigation apps are configured correctly.
- **Bluetooth Connectivity Issues:**
 - Ensure Bluetooth is enabled on both the car stereo and your mobile device.
 - Delete previous pairings on both devices and attempt to re-pair.
 - Move your mobile device closer to the stereo.
- **Backup Camera Not Displaying:**
 - Verify the reverse camera input cable (REVERSE wire) is correctly connected to the vehicle's reverse light signal.
 - Check the camera's power and video signal connections.
- **Touch Screen Unresponsive:**
 - Perform a soft reset of the unit (refer to the device's specific reset procedure, often a small reset button).
 - Ensure the screen is clean and free from debris.

If these steps do not resolve the issue, please contact KSPIV customer support for further assistance.

8. WARRANTY AND SUPPORT

KSPIV provides a **1-year guarantee** for this product. For any technical assistance, questions, or warranty claims, please contact our customer service. We offer **24-hour online service** to address your needs as soon as possible. For support, please visit the [KSPIV Store on Amazon](#) or refer to your purchase documentation for direct contact information.