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VIKNAN Acura TL Android Multimedia Player

VIKNAN Android Car Radio Multimedia Player User Manual

Model: Acura TL Android Multimedia Player
Compatible Vehicles: Acura TL 2004, 2005, 2006, 2007, 2008

1. Introduction

Thank you for choosing the VIKNAN Android Car Radio Multimedia Player. This manual provides essential information for the proper installation, operation, and maintenance of your new head unit. Please read this manual thoroughly before installation and use to ensure optimal performance and safety. This unit is specifically designed as a replacement radio for Acura TL models from 2004 to 2008, supporting the car's original amplifier and aftermarket backup cameras.

2. Product Overview

2.1 Key Features

- **Vehicle Fit:** Designed for Acura TL 2004-2008, supporting original car amplifier and aftermarket backup camera.
- **Newest Android System:** Android 10.0, 64GB storage, High Performance Qualcomm CPU, IPS capacitive touch screen (1920*720 resolution) supporting HD video.
- **Wireless CarPlay & Android Auto:** Seamless integration with mobile phones for navigation, music, and calls. Supports mobile phone Bluetooth music and hotspot connection.
- **4G SIM Card Support:** Access to the internet for app downloads and online services.
- **Powerful & Multiple Functions:** Supports car DVR, external TV, TPMS, reverse camera, OBD, voice input/recording, steering wheel control, Wi-Fi, GPS navigation, Play Store apps, satellite signal receiving, and air conditioning display.
- **Plug and Play Installation:** Designed to match the original car's radio frame and wiring, requiring no additional modifications.

2.2 Components Included

The package includes the main screen unit and all necessary cable accessories for installation.



Figure 2.1: Front view of the VIKNAN Android Car Radio Multimedia Player, showcasing its large touchscreen display and integrated controls.



Figure 2.2: Rear view of the head unit, displaying various connection ports for power, audio, video, and other accessories.



Figure 2.3: All included accessories and wiring harnesses, essential for connecting the unit to your vehicle's electrical system.

3. Setup and Installation

The VIKNAN Android Car Radio is designed for a plug-and-play installation, meaning the radio frame and wiring are made to match the original car's specifications, minimizing the need for additional modifications. However, professional installation is highly recommended to ensure correct wiring and proper functionality, especially given the complexity of modern vehicle electronics.

3.1 Pre-Installation Checklist

- Ensure the vehicle's battery is disconnected before starting any electrical work.
- Verify all included components against the packing list.
- Familiarize yourself with your Acura TL's dashboard disassembly process.

3.2 Installation Steps (General Guidance)

1. Carefully remove the original car radio and dashboard trim.
2. Connect the provided wiring harnesses to the vehicle's existing connectors. Ensure all connections are secure.
3. Connect any additional accessories such as the GPS antenna, USB cables, and backup camera input.
4. Mount the new VIKNAN head unit into the dashboard opening.
5. Reconnect the vehicle's battery and test the unit's basic functions (power on, audio, touch screen).
6. Reassemble the dashboard trim.

For detailed installation instructions and video guides, please contact VIKNAN customer support. They provide professional online installation guidance and assistance.

4. Operating Instructions

Your VIKNAN Android Car Radio offers a wide range of features for an enhanced in-car experience. Below are

instructions for common operations.

4.1 Basic Navigation and Interface

The unit features an intuitive Android operating system with a responsive IPS capacitive touch screen. Navigate through applications by swiping and tapping. The home screen provides quick access to frequently used functions.

4.2 Wireless CarPlay & Android Auto

This unit supports wireless CarPlay and Android Auto, allowing seamless integration with your smartphone. To connect:

1. Ensure Bluetooth and Wi-Fi are enabled on your smartphone.
2. On the head unit, open the CarPlay/Android Auto application.
3. Follow the on-screen prompts to pair your phone via Bluetooth. Once paired, the system will automatically establish a Wi-Fi connection for CarPlay/Android Auto functionality.



Figure 4.1: The display showing the built-in wireless CarPlay interface, mirroring a connected iPhone's applications.

4.3 GPS Navigation

The unit comes with pre-installed GPS navigation capabilities and supports worldwide maps. To use:

- Ensure the GPS antenna is properly connected and positioned for optimal signal reception.
- Open the navigation application from the main menu.
- Enter your destination or select a point of interest.



Figure 4.2: The GPS navigation screen displaying a detailed map with a highlighted route and current location.

4.4 Multimedia Playback

Enjoy various multimedia formats including video and audio. The unit supports HD video playback (1920*720 resolution).

- **Video:** Access video files from connected USB drives or internal storage via the Video Player app.
- **Audio:** Play music files from USB, internal storage, or stream via Bluetooth.



Figure 4.3: The car radio screen displaying a video in full-screen mode, demonstrating its multimedia playback capabilities.

4.5 Radio

Tune into your favorite FM/AM radio stations using the built-in radio tuner.

- Open the Radio application.
- Use the on-screen controls to scan for stations or manually tune to a frequency.

4.6 Bluetooth Connectivity

Connect your smartphone via Bluetooth for hands-free calling and audio streaming.

- Go to the Bluetooth settings on the head unit.
- Enable Bluetooth on your phone and search for available devices.
- Select the head unit from the list and confirm pairing.

4.7 Steering Wheel Control

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. Configuration may be required in the unit's settings menu.

4.8 Backup Camera Support

If an aftermarket backup camera is connected, the display will automatically switch to the camera view when the vehicle is put into reverse gear.

5. Maintenance

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

- **Cleaning:** Use a soft, dry, lint-free cloth to clean the screen and exterior. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaner. Avoid abrasive materials or harsh chemicals.
- **Software Updates:** Periodically check for software updates provided by VIKNAN to ensure you have the latest features and bug fixes. Updates can typically be performed via Wi-Fi or USB.
- **Temperature:** Avoid exposing the unit to extreme temperatures, both hot and cold, for extended periods.
- **Power:** Ensure stable power supply to prevent damage. Avoid frequent power interruptions.

6. Troubleshooting

If you encounter issues with your VIKNAN Android Car Radio, refer to the following common problems and solutions. If the problem persists, please contact customer support.

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check all power cables and fuses. Ensure vehicle battery is charged.
No audio or distorted sound.	Incorrect wiring, speaker issues, amplifier problem.	Verify speaker and amplifier connections. Ensure RCA cables are fully connected. (Note: Some plugs may not be used depending on year/trim, consult installation guide).
Touch screen unresponsive.	Software glitch, screen damage.	Restart the unit. If problem persists, contact support.
GPS signal weak or inaccurate.	GPS antenna not properly installed or obstructed.	Ensure GPS antenna has a clear view of the sky and is securely connected.

Problem	Possible Cause	Solution
CarPlay/Android Auto not connecting.	Bluetooth/Wi-Fi issues, phone compatibility.	Ensure phone's Bluetooth and Wi-Fi are on. Restart phone and head unit. Check for app updates.
Unit does not fit properly in dash.	Minor variations in vehicle models or installation technique.	While designed for direct fit, some minor adjustments or professional assistance may be required.

7. Specifications

Feature	Specification
Model Name	Acura TL Android Multimedia Player
Display Size	12 Inches
Screen Resolution	1920 x 720 (IPS Capacitive Touch Screen)
Operating System	Android (Version 10.0 as per A+ content)
Processor	Qualcomm CPU
Storage	64GB
Connectivity Technology	USB, Bluetooth 5.0, Wi-Fi, 4G SIM Card Support
Special Features	Touchscreen, Wireless CarPlay, Wireless Android Auto, GPS Navigation, Steering Wheel Control, Backup Camera Support, DSP
Audio Output Mode	Stereo
Mounting Type	Dashboard Mount
Item Weight	4.99 pounds
Package Dimensions	16 x 16 x 6 inches

8. Warranty and Support

8.1 Product Warranty

The VIKNAN Android Car Radio Multimedia Player comes with a**1-year warranty** from the date of purchase, covering manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

8.2 Customer Support

VIKNAN is committed to providing excellent after-sales service. For any technical assistance, installation guidance, or warranty inquiries, please contact our support team:

- **Email:** viknav007@outlook.com
- **Refund Policy:** 30 days no reason refund.
- **Technical Support:** Lifetime technical support.
- **Response Time:** 24 hours quick response.
- **Resources:** Installation manuals and videos are available upon request.



Figure 8.1: VIKNAN's dedicated after-sales service team ready to assist with any product-related queries or issues.

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