TNVTEC 2022 Activator Dongle

TNVTEC CarPlay Wireless Adapter User Manual

Model: 2022 Activator Dongle

Brand: TNVTEC

1. INTRODUCTION

The TNVTEC CarPlay Wireless Adapter is designed to convert your vehicle's existing factory-wired Apple CarPlay system into a wireless connection. This device allows for a seamless and convenient integration of your iPhone with your car's infotainment system without the need for a physical cable connection.

Image 1: TNVTEC CarPlay Wireless Adapter in a car environment, demonstrating wireless connectivity.

Enjoy features such as navigation, music playback, and hands-free calling directly on your car's display, maintaining the original car controls and a responsive user experience.

WIRELESS CARPLAY ADAPTER

OEM Wired CarPlay Upgrade to Wireless CarPlay

Image 2: Visual representation of wireless CarPlay features including navigation, music, and hands-free calls.

2. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x TNVTEC CarPlay Wireless Adapter
- 1 x USB-A to USB-C Data Cable
- 1 x USB-C Adapter
- 1 x 3M Transfer Adhesive
- 1 x User Manual

Image 3: The TNVTEC CarPlay Wireless Adapter and its accompanying accessories.

3. COMPATIBILITY

This adapter is designed for vehicles equipped with **factory-wired Apple CarPlay**. To confirm compatibility, ensure your car supports wired CarPlay by connecting your iPhone directly via USB.

- **Car Models:** Compatible with 2019-2022 car models that have factory-wired CarPlay.
- **iPhone Compatibility:** Works with iPhone 6s (iOS 12.1) up to iPhone 13 Pro Max (iOS 15) and newer models.

4. SETUP INSTRUCTIONS

Follow these steps to set up your TNVTEC CarPlay Wireless Adapter:

1. **Start Your Car:** Turn on your car's engine.
2. **Connect the Adapter:** Plug the TNVTEC Wireless CarPlay Adapter into your car's USB data port (the same port used for wired CarPlay). Use the provided USB-A to USB-C cable or the USB-C adapter if your car has a USB-C port.
3. **Access CarPlay Interface:** On your car's infotainment screen, navigate to and select the CarPlay interface or press the 'App' button. The screen should display a 'CarPlayBox' interface.
4. **Enable iPhone Bluetooth:** On your iPhone, go to *Settings > Bluetooth* and ensure Bluetooth is turned on.
5. **Pair with Adapter:** Search for the device named "CarPlayBox_xxxx" in your iPhone's Bluetooth devices list and tap to connect. Confirm any pairing requests.
6. **Allow CarPlay Sync:** On your iPhone, a prompt will appear. Select "Use CarPlay" to allow the device to connect and sync.

The connection process typically takes 5-15 seconds. Once connected, your car's screen will display the Apple CarPlay interface.

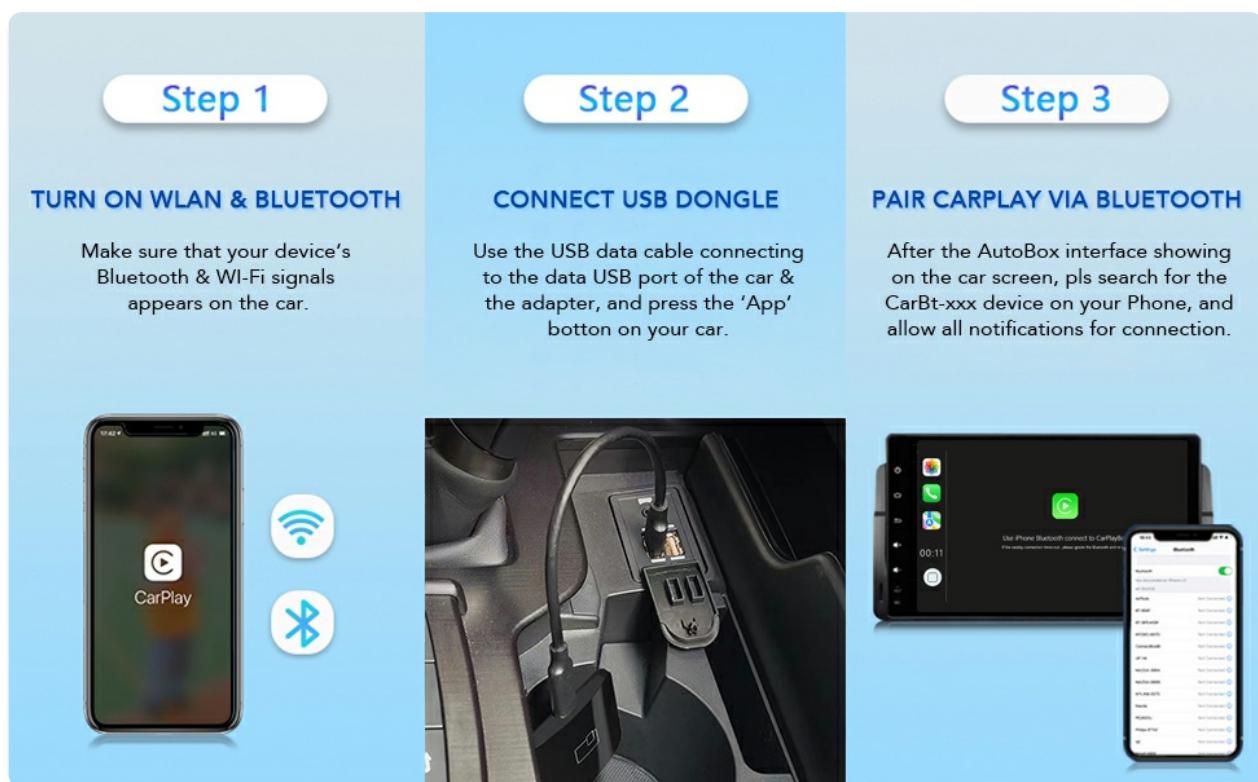| Step 1	Step 2	Step 3
TURN ON WLAN & BLUETOOTH	**CONNECT USB DONGLE**	**PAIR CARPLAY VIA BLUETOOTH**
Make sure that your device's Bluetooth & WI-Fi signals appears on the car.	Use the USB data cable connecting to the data USB port of the car & the adapter, and press the 'App' botton on your car.	After the AutoBox interface showing on the car screen, pls search for the CarBt-xxx device on your Phone, and allow all notifications for connection.

Image 4: Step-by-step guide for connecting the TNVTEC CarPlay Wireless Adapter.

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Video 1: Demonstrates the installation process for the TNVTEC Wireless CarPlay Adapter, showing how to connect the device and pair it with an iPhone.

5. OPERATING INSTRUCTIONS

Once connected, the TNVTEC CarPlay Wireless Adapter provides a seamless wireless CarPlay experience, similar to your original wired connection.

5.1. CarPlay Functions

You can access all standard CarPlay features wirelessly:

- **Navigation:** Use Apple Maps, Google Maps, or Waze for directions.
- **Music:** Play music from Apple Music, Spotify, or other audio apps.
- **Calls & Messages:** Make and receive calls, and send/receive messages hands-free.
- **Siri Voice Control:** Activate Siri for various commands, including navigation, calls, and music control.

Image 5: Demonstrates various control methods for CarPlay, including steering wheel, knob, touchscreen, and Siri.

5.2. Controls

The adapter maintains compatibility with your car's original controls:

- **Steering Wheel Controls:** Use your car's steering wheel buttons to manage calls, music, and volume.
- **OEM Knob Control:** If your car has an infotainment control knob, it will function as usual.
- **Touchscreen Control:** Interact directly with the car's touchscreen display.

- **Siri Voice Control:** Use your car's OEM microphone to activate Siri for hands-free commands.

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Video 2: Shows the TNVTEC Wireless CarPlay Adapter in use with an Audi, demonstrating various CarPlay functions.

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Video 3: Demonstrates the TNVTEC Wireless CarPlay Adapter working with a Ford Sync3 car unit.

5.3. Fast Charging Support

While using wireless CarPlay, it is recommended to use a quick charger for your iPhone. Wired CarPlay connections may limit the charging speed, making a dedicated quick charger important for maintaining battery levels during use.

6. ONLINE UPDATE INSTRUCTIONS

To ensure optimal performance and access to the latest features, you can update the adapter's firmware online:

1. **Power the Adapter:** Disconnect the adapter from your car and connect it to a USB power adapter (e.g., a wall charger).

2. **Connect iPhone WLAN:** On your iPhone, go to *Settings > WLAN*. Connect to the Wi-Fi network named "carplay_xxxx". The default password is "88888888".

3. **Access Update Page:** Open Safari on your iPhone and enter the IP Address "192.168.2.1" in the address bar.

4. **Initiate Update:** Scroll down the page to the bottom. You should find a section labeled "New version found, click me to upgrade". Tap this option.

5. **Wait for Completion:** The update bar will show progress. Wait until it reaches 100%. The CarPlay adapter will be successfully upgraded.

Important Note: If the adapter is functioning normally, it is generally recommended not to upgrade the system unless specific issues arise or new features are desired. Unnecessary updates may not always perfectly work or could introduce unforeseen issues.

6.1. Advanced Settings (via 192.168.2.1)

The update page also provides access to advanced settings:

- **Delay Start:** Adjust the startup delay if there are conflicts with your car's stereo system.
- **Media Sound Quality:** Change audio quality settings (e.g., DVD, CD).
- **AP Band:** Change the Wi-Fi channel to avoid conflicts with other transmission signals in your car, potentially improving speed and stability.
- **Connection Setup:** Options to enable connection tips, automatically show CarPlay, and activate compatibility mode for resolving car system setup issues.
- **Download Logs:** Download logs to submit to support for troubleshooting.
- **Factory Reset:** Reset all options to their default settings.

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Video 4: Detailed evaluation, settings, and OTA update process for the TNVTEC Wireless CarPlay Adapter.

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7. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

- **Connection Times Out:** If the CarPlay connection times out, please ignore the Bluetooth device on your iPhone and re-pair it.

- **Adapter Not Connecting Automatically:** After the initial adaptation, the wireless CarPlay adapter should automatically match your iPhone's Bluetooth and Wi-Fi each time you start your car. If it doesn't, try re-pairing.

- **Low Call Volume:** Some users may experience lower call volume compared to direct Bluetooth connections. Check your car's audio settings and iPhone volume.

- **Intermittent Disconnections:** Ensure the adapter is securely plugged into the USB port. If your car has Wi-Fi, ensure it's not conflicting with the adapter's signal. Adjusting the AP Band in the adapter's advanced settings (192.168.2.1) may help.

- **Car Not Recognizing Adapter:** Verify your car has factory-wired CarPlay. If it does, try a different USB port if available, or restart your car and iPhone.

- **Static or Audio Degradation:** If you experience static or audio quality issues, try closing and restarting the audio application on your iPhone. Consider checking for firmware updates.

- **Multiple Phones in Car:** The adapter primarily connects to the last paired device. If multiple phones are present, you may need to manually unpair and re-pair the desired phone.

8. SPECIFICATIONS

Feature	Description
Product Dimensions	2.36 x 2.36 x 0.51 inches
Item Weight	3.17 ounces
Connectivity Technology	Bluetooth, USB, WLAN, Wi-Fi
Audio Output Mode	Stereo
Human Interface Input	Touchscreen
Control Method	Voice
Batteries Included	No

Image 6: Internal components highlighting the responsive premium chip for stable performance.

9. WARRANTY AND SUPPORT

TNVTEC is committed to providing high-quality products. Every item undergoes multiple quality inspections before shipment.

9.1. Contact Support

For any questions, technical assistance, or support inquiries, please feel free to contact TNVTEC Support via Amazon email.