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> ViaBecs 10.2" Wireless Apple CarPlay Android Auto Head Unit User Manual for Nissan Rogue X-Trail Qashqai (2014-2018)

## ViaBecs B08DL2X7FC

# ViaBecs 10.2" Wireless Apple CarPlay Android Auto Head Unit User Manual

Model: B08DL2X7FC for Nissan Rogue, X-Trail, Qashqai (2014-2018)

## 1. INTRODUCTION

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This manual provides detailed instructions for the installation, operation, and maintenance of your new ViaBecs 10.2-inch Wireless Apple CarPlay and Android Auto Head Unit. This device is designed to enhance your driving experience with advanced features including a high-resolution touchscreen, seamless smartphone integration, and powerful audio processing. Please read this manual thoroughly before using the product to ensure proper function and safety.

# For Nissan Rogue Qashqai X-Trail 2014-2018

Fit factory radio with 7 inch screen



OEM Radio With 4.3" Screen



OEM Radio With 7" Screen



Android 10.0



4GB+64GB



Octa-Core 2.5Ghz



AMP IC ST7850



Steering Wheel Control



Radio NXP6856



1280 X 720P



Fast Boot



HD Video Output (Optional)



360 Camera (Optional)

Image 1.1: ViaBecs 10.2-inch Head Unit installed in a Nissan dashboard, showing its large display and integration.

## 2. SAFETY INFORMATION

Always prioritize safety while operating your vehicle. Improper installation or use of this device can lead to accidents or injury. Adhere to the following safety guidelines:

- Do not attempt to install or repair the unit yourself if you are not qualified. Seek professional assistance.
- Avoid operating the device's complex functions while driving. Distracted driving can be dangerous.
- Ensure all wiring is correctly connected and secured to prevent short circuits or electrical hazards.
- Keep the volume at a level that allows you to hear external traffic sounds.
- Do not expose the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package before proceeding with installation:

- ViaBees 10.2" Head Unit
- Power Harness
- GPS Antenna
- 4G Antenna
- USB Cables (6PIN and 4PIN)
- RCA Cables
- External Microphone
- Canbus Box (if applicable for your vehicle)
- User Manual (this document)

## 4. INSTALLATION GUIDE

Proper installation is crucial for the optimal performance of your head unit. If you are unsure about any steps, it is recommended to seek professional installation.

### 4.1. Wiring Diagram

Refer to the following diagram for connecting the various cables to your head unit and vehicle's electrical system.



*Image 4.1: Comprehensive wiring diagram illustrating all input and output connections for the ViaBecs head unit.*

## 4.2. Canbus Connection and Setting

The Canbus system allows your head unit to communicate with your vehicle's existing systems, such as steering wheel controls and vehicle information display. Follow these steps to connect and configure the Canbus:

1. Identify the black Canbus box and the 8-PIN Canbus plug.
2. Connect the 8-PIN Canbus plug to the corresponding port on the back of the head unit.
3. Connect the black Canbus box to the Canbus connector from the wiring harness.
4. Once the head unit is powered on and connected to the internet (via Wi-Fi or phone hotspot), navigate to the 'Settings' app.
5. Select 'Factory' settings.
6. Enter the password '8888'.
7. In the 'Car Choose' menu, select the correct Canbox brand (e.g., 'Raise' or 'Binary') and then your car's make (e.g., 'Toyota') and model (e.g., 'Highlander').
8. The head unit will automatically download and update the MCU APK. Wait for the process to complete.
9. If you are unsure about the correct Canbus option, please contact ViaBecs support.

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*Video 4.2: This video demonstrates the physical connection of the Canbus box and the software configuration steps within the head unit's factory settings to ensure proper communication with your vehicle.*

## 5. INITIAL SETUP

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### 5.1. Wi-Fi and 4G Module Connection

To access online features, connect your head unit to the internet via Wi-Fi or a 4G phone hotspot. The unit includes a SIM card slot for 4G internet access.

# Wifi & 4G Module

Supports Wifi, phone hotspot and 4G internet.  
Includes SIM card slot as a gift.



Wifi



4G Network



Phone Hotspot



SIM Card (3FF)

\*SIM Card is not included



Image 5.1: The head unit supports Wi-Fi and 4G connectivity, allowing access to online services and apps. A SIM card slot is provided for 4G internet.

## 5.2. Bluetooth Pairing

Pair your smartphone with the head unit via Bluetooth for hands-free calling and music streaming.

1. On the head unit, navigate to the Bluetooth settings.
2. Ensure Bluetooth is enabled on both your smartphone and the head unit.
3. Search for available devices on your smartphone and select the head unit's Bluetooth name (e.g., 'CarBT').
4. Enter the default PIN '0000' if prompted.
5. Once paired, you can make hands-free calls and stream audio.

# Bluetooth Music and Hands-free Calling for Safety Driving



Bluetooth 5.0



Sync Phonebook



Free External MIC



Automatic Pairing



Password: 0000

Image 5.2: The Bluetooth interface for music and hands-free calling, highlighting key features like Bluetooth 5.0 and automatic pairing.

## 6. OPERATING INSTRUCTIONS

### 6.1. Wireless Apple CarPlay and Android Auto

The head unit supports both wireless and wired Apple CarPlay and Android Auto, providing seamless integration with your smartphone for navigation, music, calls, and more.

1. **For Wired CarPlay/Android Auto:** Connect your iPhone or Android phone to the head unit via the provided USB cable. Open the Zlink app on the head unit.
2. **For Wireless CarPlay/Android Auto:** Ensure your phone's Bluetooth is on and paired with the head unit. Ensure the head unit's Wi-Fi is active. Open the Zlink app. The wireless connection should establish automatically.
3. In Zlink settings, enable 'Auto Reconnect' for automatic connection next time.
4. If using Android Auto, ensure 'Android Auto' is enabled in Zlink settings.

# Built-in Carplay + Android Auto



ViaBecs Radio supports wireless & wired Apple Carplay + wired Android Auto.  
No need to purchase additional Carplay Adapter

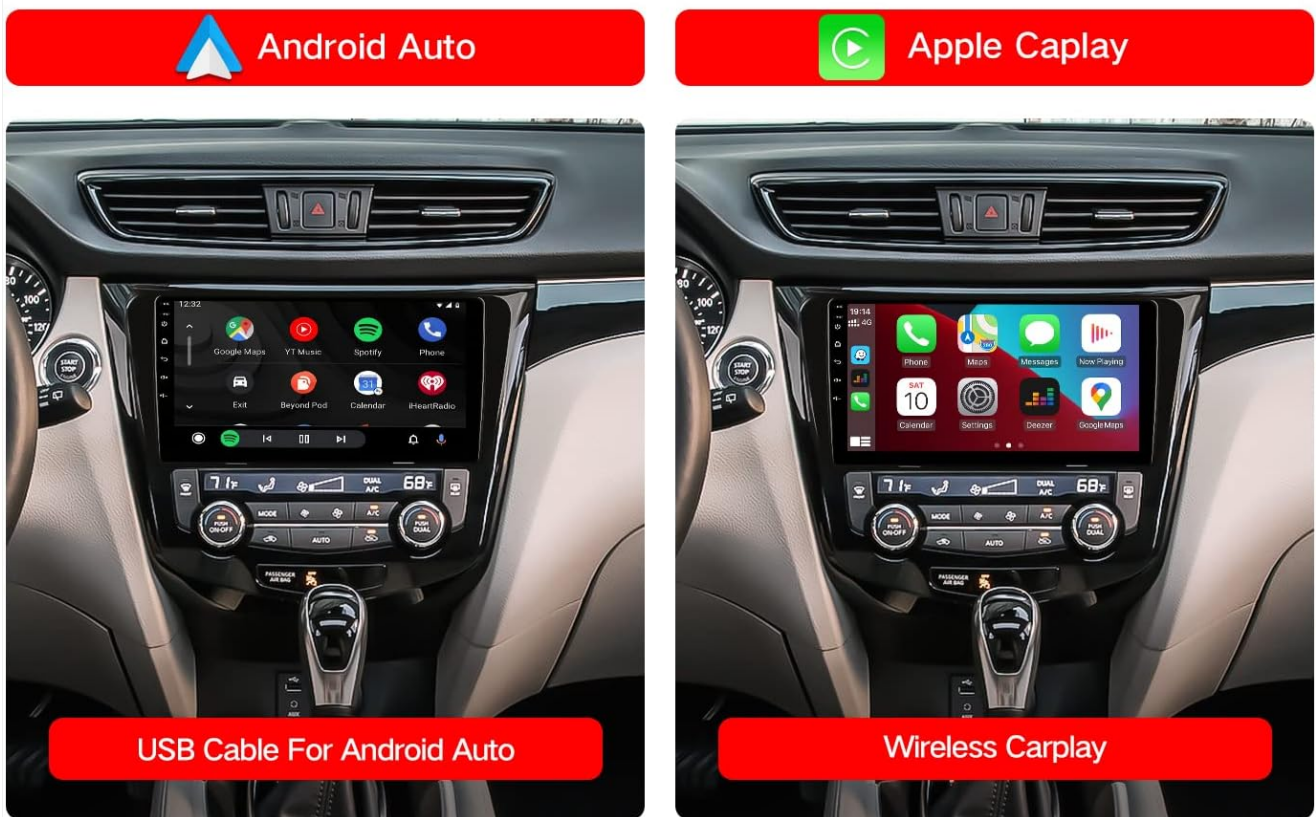


Image 6.1: The head unit supports both wired and wireless Apple CarPlay and Android Auto, allowing for flexible smartphone integration.

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Video 6.1: This video demonstrates how to connect and use both wired and wireless Apple CarPlay with the ViaBecs head unit, including navigation and music playback.

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Video 6.2: A short preview showcasing the wireless Apple CarPlay features specifically for Nissan Rogue models from 2014-2018.

## 6.2. Mirror Link Function

Mirror Link allows you to display your smartphone's screen directly on the head unit. This is useful for apps not natively supported by CarPlay or Android Auto.

1. If CarPlay or Android Auto is active, it will automatically disconnect when initiating Mirror Link.
2. Open the Tlink5 app on the head unit.
3. Tap the designated Mirror Link button (often an icon resembling a phone mirroring to a screen) to initiate the mode.
4. Choose between wired (USB) or wireless mirroring, then follow the on-screen prompts on both your phone and the head unit.

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Video 6.3: This video illustrates how to disconnect CarPlay or Android Auto and switch to Mirror Link mode using the Tlink5 app.

### 6.3. Multi-Function Overview

The Android head unit offers a variety of functions accessible from its main interface:

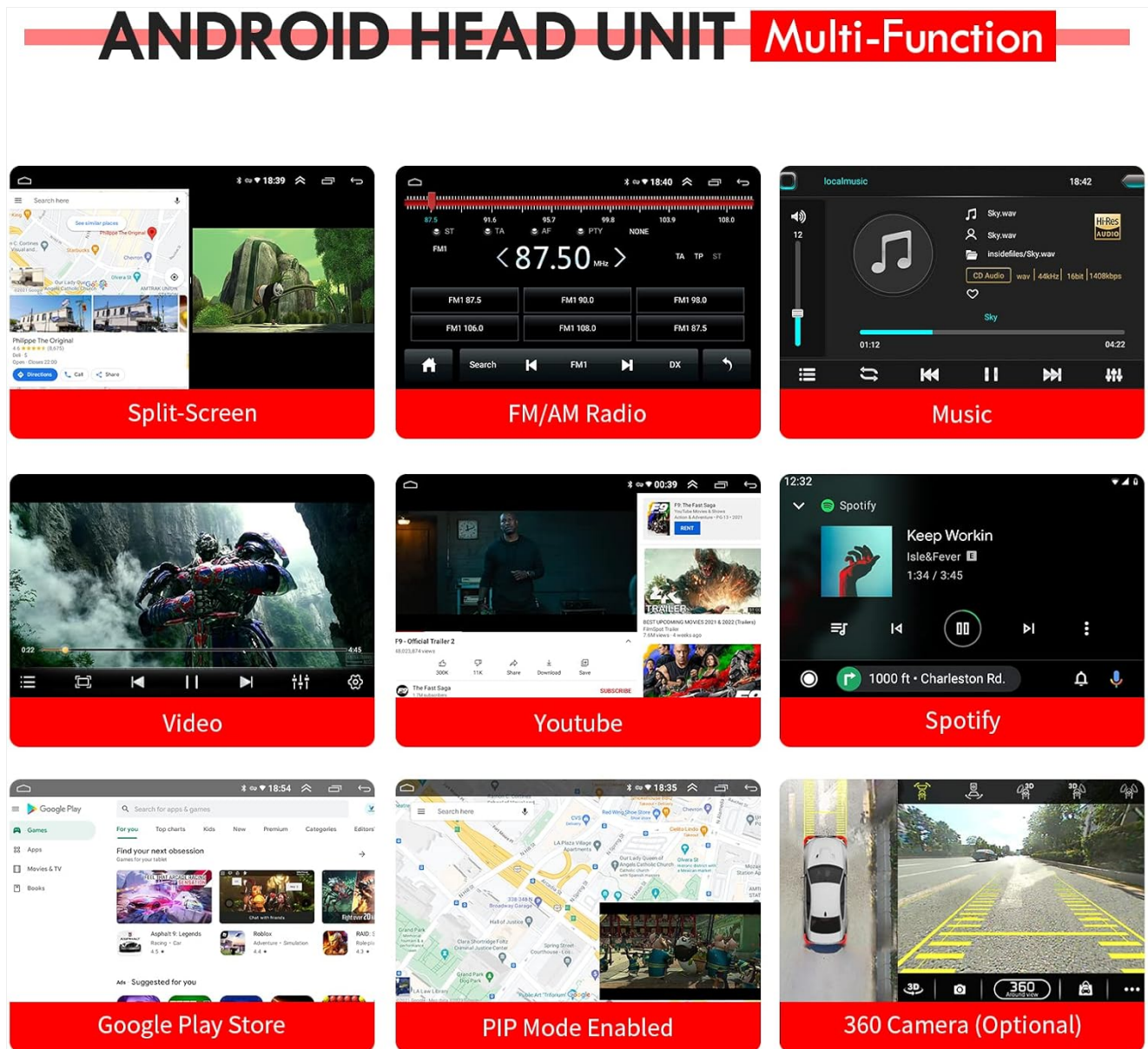


Image 6.3: An overview of the Android head unit's multi-function capabilities, including entertainment, navigation, and utility apps.

- **Split-Screen:** Run two applications simultaneously for enhanced multitasking.
- **FM/AM Radio:** Access local radio stations.
- **Music:** Play audio files from various sources.
- **Video:** Watch videos from local storage or streaming apps.
- **YouTube/Spotify:** Access popular streaming services (requires internet connection).
- **Google Play Store:** Download and install additional applications.
- **PIP Mode Enabled:** Picture-in-Picture mode for video playback while using other apps.
- **360 Camera (Optional):** Support for external 360-degree camera systems.

### 6.4. Navigation (GPS)

The head unit features built-in GPS with support for various navigation applications.

# Built-in **GPS** + Beidou + Glonass



Image 6.4: The built-in GPS supports multiple navigation apps, providing reliable route guidance.

## 6.5. Digital Sound Processor (DSP)

The integrated DSP allows for precise audio tuning with a 36-band equalizer and time alignment features to optimize sound quality within your vehicle.

# Built-in DSP



\* Hi-Res Audio 192KHz 24bit

\* 36-Segment Individually Adjustable EQ



Image 6.5: The Built-in DSP provides advanced audio controls, including a 36-band EQ and time alignment, for a personalized listening experience.

## 6.6. Wallpaper Customization

Personalize your head unit's interface by changing the wallpaper. This can typically be done through the settings menu within the CarPlay/Android Auto interface or the main Android system settings.

## 7. TROUBLESHOOTING

If you encounter issues with your ViaBecs head unit, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Unit does not power on	Incorrect wiring, blown fuse, power supply issue.	Check all power connections, inspect vehicle fuses, ensure proper grounding.
No sound output	Speaker wiring issues, volume too low, incorrect audio source.	Verify speaker connections, increase volume, select correct audio input.
CarPlay/Android Auto not connecting	Bluetooth/Wi-Fi off, incorrect Zlink settings, faulty USB cable.	Ensure Bluetooth and Wi-Fi are active, check Zlink app settings, try a different USB cable.

Problem	Possible Cause	Solution
Steering wheel controls not working	Canbus not configured, incorrect Canbus type selected.	Verify Canbus connections, reconfigure Canbus settings in Factory menu.
Touchscreen unresponsive	Software glitch, temporary freeze.	Restart the head unit. If issue persists, contact support.

## 8. SPECIFICATIONS

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Key technical specifications of the ViaBecs 10.2" Head Unit:

- **Brand:** ViaBecs
- **Connectivity Technology:** Bluetooth
- **Controller Type:** Android
- **Special Feature:** Touchscreen
- **Compatible Devices:** Smartphone
- **Connector Type:** RCA
- **Audio Output Mode:** Stereo
- **Surround Sound Channel Configuration:** 4.0
- **Video Encoding:** MP4, 3GP, AVI, DVIX, FLV, MKV
- **Output Power:** 200 Watts
- **Wattage:** 200 watts
- **Number of Channels:** 4
- **Supported Internet Services:** Netflix, Pandora, Spotify
- **Control Method:** Touch
- **Audio Output Type:** Headphones
- **Format:** AVI, Dolby
- **Wireless Technology:** Bluetooth

## 9. WARRANTY AND SUPPORT

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For warranty information, technical support, or any questions regarding your ViaBecs product, please refer to the official ViaBecs website or contact their customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

You can visit the ViaBecs Store for more information: [ViaBecs Store](#)