

Vratzn B0FM7NH74R

Vratzn Android 13 Car Radio Stereo User Manual

Model: B0FM7NH74R

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Vratzn Android 13 Car Radio Stereo. Please read this manual thoroughly before installation and use to ensure proper functionality and to maximize your experience.

Compatible Vehicle Models:

This car radio stereo is designed for specific Chevrolet, GMC, Hummer, and Savanna models from 2003-2006.

- **For Chevrolet (2003-2006):** Silverado, Suburban, Tahoe, Avalanche, Chevy Classic Pickup Trucks, SSR, Express-Passenger, G Van.
- **For GMC (2003-2006):** Sierra, Yukon, Canyon, Envoy, Denali.
- **For Hummer (2003-2006).**
- **For Savanna (2003-2006).**

Adaptable vehicle		
For chevy Silverado 2003-2006 Silverado Classic Models ONLY 2007 SSR 2003-2006 Colorado 2004-2012 Corvette 2005-2009 Avalanche 2003-2006 Blazer 2002-2005 Express 2001-2002 Impala 2000-2005 Malibu 2000-2003 Malibu Classic Models ONLY 2004-2005 Monte Carlo 2000-2005 Suburban 2003-2006 Tahoe 2003-2006 Trailblazer 2002-2009 Uplander 2005-2008 Venture 2000-2005	For GMC Canyon 2004-2012 Envoy 2002-2009 Savana 2003-2007 Sierra 2003-2007 Yukon 2003-2006 For Hummer H2 2003-2007 H3 2005-2010 H3T 2009-2010 SUT 2003-2007 For Buick Lacrosse 2005-2009 Rainier 2004-2007 Rendezvous 2006 Terraza 2005-2007	For Pontiac Aztek 2001-2005 Grand Am 2001-2004 Montana 2000-2004 Montana SV6 2005-2006 Sunfire 2000-2005 Torrent 2006 For Saturn Relay 2005-2007 For Oldsmobile Alero 2001-2004 Bravada 2002-2004 Silhouettes 2000-2004 For Isuzu Ascender 2003-2008 For Cadillac Escalade ESV/EXT 2004-2006

Figure 1: List of adaptable vehicle models.

Verify that all items listed below are included in your package. If any items are missing or damaged, please contact customer support.

- Head Unit + Frame (7-inch display)
- Power Cable
- RCA Cable
- GPS Module
- Reversing Line
- Can Bus
- USB Cable (x2)
- Backup Camera
- Installation Tool
- Speaker
- Microphone



Figure 2: Included accessories with the Vratzn Android 13 Car Radio Stereo.

INSTALLATION GUIDE

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

1. Removing the Old Unit:

1. Carefully remove the trim panels surrounding your existing car radio.
2. Unscrew and detach the old radio unit from the dashboard.
3. Disconnect all wiring harnesses and antenna cables from the old unit.

2. Wiring Connections:

1. Connect the provided Power Cable to the vehicle's wiring harness. Ensure all connections are secure.
2. Connect the RCA Cable for audio output and auxiliary input as needed.
3. Attach the GPS Module and position it in a location with a clear view of the sky for optimal signal reception.
4. Connect the Can Bus adapter if your vehicle requires it for steering wheel controls or other integrated features.
5. Connect the included Microphone for hands-free calling.
6. Connect the USB cables for external device connectivity.

3. Backup Camera Installation:

1. Mount the Backup Camera at the rear of your vehicle, ensuring a clear view.
2. Route the camera's video cable to the head unit and connect it to the designated input.
3. Connect the Reversing Line to the vehicle's reverse light power source to enable automatic camera activation when shifting into reverse gear.

4. Mounting the New Unit:

1. Carefully slide the Vratzn head unit into the dashboard opening.
2. Secure the unit with screws. Ensure a snug fit without excessive force.
3. Reattach the trim panels.



Figure 3: Before and after installation view of the car radio stereo.

OPERATING INSTRUCTIONS

1. Basic System Operation:

- **Power On/Off:** Press and hold the power button on the unit or use the vehicle's ignition.
- **Touchscreen Interface:** Navigate through menus and applications using the responsive 7-inch IPS touchscreen.
- **Android 13 OS:** The unit runs on Android 13, providing a smooth and intuitive user experience. You can download and manage applications via the APP Store when connected to Wi-Fi.



Figure 4: Display quality comparison of the 1280x720P IPS touchscreen.

2. Wireless CarPlay & Android Auto:

Connect your smartphone wirelessly for seamless integration of navigation, calls, messages, and music.

- **Pairing:** Enable Bluetooth on your iPhone or Android device and connect to the car stereo.
- **Usage:** Once connected, use the smart voice assistant or the touchscreen to access phone functions.



Figure 5: Wireless CarPlay and Android Auto functionality.

3. GPS Navigation & WiFi:

Access online maps and navigation services by connecting to a Wi-Fi network.

- **Wi-Fi Connection:** Go to system settings to connect to an available Wi-Fi hotspot.
- **Online Maps:** Use pre-installed or downloaded navigation applications for real-time directions.
- **App Downloads:** Download additional apps from the APP Store via Wi-Fi.

Figure 6: GPS Navigation with online map support.

4. Bluetooth 5.0:

Utilize Bluetooth for audio streaming and hands-free communication.

- **Pairing:** Enable Bluetooth on your device and search for the car stereo to pair.
- **Functions:** Make and receive calls, stream music, and access phone contacts.



Figure 7: Bluetooth 5.0 connectivity for calls and audio.

5. Multimedia & Enhanced Audio Precision:

The unit features advanced DSP sound processing for superior audio quality.

- **EQ Settings:** Adjust equalizer settings to customize your audio experience.

- **Audio Balance:** Control audio balance for optimal sound distribution within the vehicle.
- **Sources:** Enjoy audio from Bluetooth, USB, or FM radio.

6. Steering Wheel Control (SWC):

Configure the unit to work with your vehicle's original steering wheel controls for safe and convenient operation.

- **Configuration:** Access the SWC settings in the system menu to map functions to your steering wheel buttons.
- **Functions:** Control volume, track skipping, mode switching, and answer/end calls without taking your hands off the wheel.



Figure 8: Steering Wheel Control integration.

7. Split Screen Function:

Run two applications simultaneously on the screen for enhanced multitasking.

- **Activation:** Drag an app icon to one side of the screen or use the split-screen option in the recent apps menu.
- **Usage:** For example, use navigation on one side while controlling music on the other.



Figure 9: Split Screen Functionality.

8. Backup Camera Operation:

The included backup camera automatically displays a clear view of the rear when the vehicle is in reverse.

- **Automatic Activation:** The display switches to the camera view when reverse gear is engaged.
- **Guidelines:** Reversing lines will appear on the screen to assist with parking.

MAINTENANCE

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

- **Cleaning the Screen:** Use a soft, lint-free cloth to gently wipe the touchscreen. Avoid abrasive cleaners or solvents that could damage the display.
- **Software Updates:** Periodically check for system software updates via Wi-Fi to ensure the latest features and security patches.
- **Environmental Conditions:** Avoid exposing the unit to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture.

- **Cable Connections:** Periodically check all cable connections to ensure they are secure and free from corrosion.

TROUBLESHOOTING

If you encounter issues with your car radio stereo, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Unit does not power on.	Loose power connection, blown fuse, vehicle battery issue.	Check power cable connections. Inspect vehicle fuses. Verify vehicle battery health.
No sound.	Volume too low, incorrect audio source, loose speaker wires.	Increase volume. Select correct audio source (FM, Bluetooth, USB). Check speaker wire connections.
GPS signal lost or inaccurate.	GPS antenna obstructed or improperly placed.	Ensure GPS module has a clear view of the sky. Check antenna connection.
Bluetooth not connecting.	Bluetooth not enabled on device/unit, device not in pairing mode.	Ensure Bluetooth is enabled on both devices. Put phone in pairing mode. Forget and re-pair device.
Backup camera not displaying.	Loose camera connection, incorrect wiring to reverse light.	Check camera video cable and reversing line connection. Ensure vehicle is in reverse.
Steering wheel controls not working.	Can Bus not connected, controls not configured.	Verify Can Bus connection. Configure SWC settings in the unit's menu.

If the problem persists after attempting these solutions, please contact customer support.

SPECIFICATIONS

Feature	Detail
Operating System	Android 13
Memory (RAM)	2GB
Storage (ROM)	64GB
Display Size	7 Inches
Display Type	IPS Touch Screen (Capacitive)
Connectivity	Bluetooth 5.0, 5G WiFi
Special Features	Wireless CarPlay, Android Auto, GPS Navigation, DSP Sound Processing, Split Screen, Backup Camera Support, Steering Wheel Control

Feature	Detail
Included Components	Car radio, Power cable, RCA cable, GPS Module, Reversing line, Can bus, USB cable (x2), Backup Camera, Installation tool, Speaker, Microphone
Item Weight	2.94 pounds
Package Dimensions	10.91 x 5.83 x 5.39 inches

WARRANTY AND SUPPORT

Vratzn is committed to providing excellent customer service and product support.

- **Warranty:** This product comes with a 12-month warranty from the date of purchase.
- **Return Policy:** Enjoy a 30-day hassle-free return and exchange policy.
- **Technical Support:** For any installation or operational issues, please contact our after-sales technical support team. Refer to your purchase documentation for contact details.