Winegard 434719

Winegard ConnecT 2.0 4G2 (WF2-435) User Manual

Your comprehensive guide to setting up, operating, and maintaining your Winegard ConnecT 2.0 4G2 4G LTE and Wi-Fi Extender.

1. PRODUCT OVERVIEW

The Winegard ConnecT 2.0 4G2 is a robust 4G LTE and Wi-Fi extender designed specifically for RVs. It enables mobile devices, media players, and computers to stay connected to Wi-Fi and nationwide 4G LTE networks while on the go. This unit is engineered to provide consistent, reliable, and secure mobile internet access, transforming Wi-Fi dead zones into entertainment hubs.

Its low-profile dome design ensures easy installation on your RV's roof, providing superior signal capture from farther distances. The ConnecT 2.0 4G2 supports both Wi-Fi extension and 4G LTE connectivity, offering flexibility with Winegard prepaid data plans or the option to use your own Mini-SIM card with other approved carriers like AT&T and Verizon.

Figure 1: The Winegard ConnecT 2.0 4G2 device, a black, low-profile dome designed for RV roof mounting.

2. KEY FEATURES

- **Dual Connectivity:** Provides both Wi-Fi extension and 4G LTE cellular connectivity.
- **Enhanced Range:** Features a 3x3 MIMO antenna system to capture weaker Wi-Fi signals from greater distances, ensuring optimal throughput and long-range performance.
- **Flexible Data Options:** Compatible with Winegard prepaid data plans (1 GB to 20 GB) and allows for swapping Mini-SIM cards for use with AT&T, Verizon, and other approved carriers.
- **Robust Security:** Offers advanced Wi-Fi Protected Access (WPA and WPA2-PSK), double Firewall protection (SPI and NAT), and Denial of Service (DoS) attack prevention.
- **Easy Setup:** Simple step-by-step on-screen instructions for quick network scanning and connection.
- **Universal Fit:** Designed for universal compatibility with RVs.
- **High Wireless Speed:** 2.4Ghz: 450Mbps (Rx), 450Mbps (Tx).
- **Durable Design:** Housed in a rugged, low-profile dome suitable for outdoor RV installation.

3. INSTALLATION

The Winegard ConnecT 2.0 4G2 is designed for roof-top installation on your RV. It comes with all necessary mounting hardware and a 20-foot power cable for convenient setup.

3.1 Pre-Installation Checklist

- Ensure your RV roof is clean and free of debris where the unit will be mounted.
- Verify you have access to a 9-16V DC power source within reach of the 20-foot power cable.
- Gather necessary tools (e.g., drill, sealant, screwdriver) as per the detailed installation guide provided in the full user manual (link below).

3.2 Mounting the Unit

Position the unit on a flat, clear area of your RV roof, ensuring no obstructions for optimal signal reception. Secure the unit using the included mounting hardware. Apply appropriate sealant around mounting points to prevent water intrusion.

3.3 Power Connection

Route the 20-foot power cable from the unit into your RV, connecting it to a stable 9-16V DC power supply. Ensure proper polarity to avoid damage to the unit.

For detailed step-by-step installation instructions, please refer to the official User Manual PDF: Download User Manual (PDF)

4. SETUP

Setting up your Winegard ConnecT 2.0 4G2 is straightforward, guided by on-screen instructions accessible via any web browser.

4.1 Initial Power-On and Connection

1. Once the unit is installed and powered, turn on the Winegard ConnecT 2.0 4G2.
2. From a mobile device or computer, connect to the Winegard's default Wi-Fi network (SSID and password typically found on a label on the unit or in the quick start guide).
3. Open a web browser and navigate to the Winegard setup portal (usually an IP address like 10.11.12.1 or a specific URL).

4.2 Configuring Wi-Fi Extension

1. On the setup portal, select the Wi-Fi Extender option.
2. Scan for available Wi-Fi networks (e.g., RV park Wi-Fi, public hotspots).
3. Select your desired network and enter the password if required. The ConnecT 2.0 4G2 will then extend this signal securely within your RV.

4.3 Configuring 4G LTE (if applicable)

1. If your model supports 4G LTE, insert a Mini-SIM card (Winegard prepaid or your own carrier's) into the designated slot on the unit (refer to the full manual for exact location).
2. On the setup portal, select the 4G LTE option.
3. Follow the prompts to activate or configure your 4G LTE connection. This may involve entering APN settings depending on your carrier.

Video 1: An animated overview of the Winegard ConnecT 2.0, demonstrating its capabilities in extending Wi-Fi and providing 4G LTE connectivity for RV users.

This video highlights how the device helps maintain internet access for various activities like checking email, playing games, surfing the net, and watching videos, even when traditional Wi-Fi is weak or unavailable.

5. OPERATION

Once set up, the Winegard ConnecT 2.0 4G2 operates as your central internet hub within your RV.

5.1 Switching Between Wi-Fi and 4G LTE

The device's interface allows you to easily switch between using an extended Wi-Fi signal and the 4G LTE cellular connection. This is particularly useful when moving between locations with varying Wi-Fi availability or signal strength.

5.2 Connecting Devices

Any Wi-Fi enabled device (smartphones, tablets, laptops, smart TVs, gaming consoles) can connect to the Winegard ConnecT 2.0 4G2's broadcasted Wi-Fi network, just like connecting to any home router. The device creates a secure, private network within your RV.

5.3 Guest Network Access

For added security and control, the ConnecT 2.0 4G2 offers the option to set up a separate guest network. This allows visitors to access the internet without gaining access to your primary network or connected devices.

6. MAINTENANCE

To ensure optimal performance and longevity of your Winegard ConnecT 2.0 4G2, follow these general maintenance guidelines:

- **Regular Cleaning:** Periodically clean the exterior of the dome with a soft, damp cloth to remove dirt and debris. Avoid abrasive cleaners or solvents.
- **Firmware Updates:** Check the Winegard website or the device's administration interface for available firmware updates. Keeping the firmware updated ensures you have the latest features, security patches, and performance improvements.
- **Cable Inspection:** Annually inspect the power cable and mounting hardware for any signs of wear, damage, or loosening. Address any issues promptly to maintain secure installation and power supply.
- **Environmental Considerations:** While designed for outdoor use, extreme weather conditions (e.g., severe hail, prolonged heavy snow accumulation) may warrant inspection after the event.

7. TROUBLESHOOTING

If you encounter issues with your Winegard ConnecT 2.0 4G2, consider the following common troubleshooting steps:

- **No Internet Connection:**
  - Verify the unit is powered on and receiving power.
  - Check the signal strength of the Wi-Fi network you are trying to extend or the 4G LTE signal. If signals are weak, try repositioning your RV if possible.
  - Ensure your Wi-Fi or 4G LTE data plan is active and has available data.
  - Restart the Winegard unit by cycling its power.

- **Slow Speeds:**
  - Check for network congestion, especially on public Wi-Fi networks.
  - Ensure the Winegard unit has a clear line of sight to the external Wi-Fi source or cellular tower.

- Confirm no other devices are consuming excessive bandwidth.

- **Cannot Access Setup Portal:**

  - Ensure your device is connected to the Winegard's Wi-Fi network.
  - Try clearing your browser's cache or using a different browser.
  - Verify you are using the correct IP address or URL for the setup portal.

For more in-depth troubleshooting or persistent issues, consult the full user manual or contact Winegard customer support.

8. SPECIFICATIONS

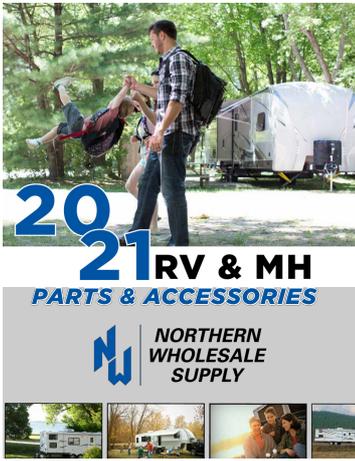| Attribute	Detail
Model Number	434719 (WF2-435)
Fit Type	Universal Fit
Wireless Standard	802.11a/b/g/n, 802.11bgn
Wireless Speed (2.4Ghz)	450Mbps (Rx), 450Mbps (Tx)
Data Transfer Rate	450 Megabits Per Second
Frequency Band Class	Dual-Band
Power Rating	DC 9-16V, 1A
Item Weight	6 pounds
Product Dimensions	18.63 x 18.13 x 8.75 inches
Special Features	Firewall (WPA/WPA2-PSK, SPI, NAT, DoS prevention)
Country of Origin	United States

9. WARRANTY AND SUPPORT

The Winegard ConnecT 2.0 4G2 is backed by a manufacturer's limited warranty to ensure your peace of mind.

- **Parts Warranty:** 2-year manufacturer's limited warranty on parts.
- **Labor Warranty:** 1-year manufacturer's limited warranty on labor.

For warranty claims, technical support, or additional product information, please visit the official Winegard website or contact their customer service department. Refer to your product packaging or the full user manual for specific contact details.

You can also find more information and support resources at the Winegard Store on Amazon.

Related Documents - 434719

	[Winegard ConnecT: How to Locate Your IMEI Number](#) A guide from Winegard on how to find the IMEI number for your Winegard ConnecT device using the Winegard App or a web browser. Includes model details and instructions.
	[Winegard Connect 2.0 Installation and Operation Manual](#) Comprehensive guide for installing and operating the Winegard Connect 2.0, a long-range 4G LTE and WiFi extender for RVs and mobile use. Covers setup, operation, advanced settings, troubleshooting, and warranty information.
	[Winegard Connect 2.0+ OEM Installation and Operation Manual](#) Comprehensive OEM installation and operation manual for the Winegard Connect 2.0+ WiFi and 4G LTE extender, covering setup, configuration, troubleshooting, and warranty information.
	[Winegard Connect 2.0+ OEM Installation and Operation Manual](#) Comprehensive installation and operation manual for the Winegard Connect 2.0+ WiFi Extender and 4G LTE device, covering setup, configuration, troubleshooting, and warranty information.
	[Winegard ConnecT 2.0 Installation and Operation Manual](#) Comprehensive guide for installing and operating the Winegard ConnecT 2.0, a long-range, high-performance 4G LTE + WiFi extender. Includes setup instructions, troubleshooting, and warranty information.
	[Winegard WF2-5G1 User Manual and Operation Guide](#) Comprehensive guide to operating and setting up the Winegard WF2-5G1 mobile hotspot, including Wi-Fi and 4G LTE connectivity, network settings, and app usage.

Documents - Winegard – 434719

[2021 RV & MH Parts & Accessories Catalog - Northern Wholesale Supply](#)

Explore the 2021 Northern Wholesale Supply catalog featuring a comprehensive range of RV and MH parts and accessories, including Dometic awnings, electrical components, and sanitation solutions for recreational vehicles.

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