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## Winegard RV-3095

# Winegard RV-3095 Sensor III Batwing Amplified RV TV Antenna User Manual

Model: RV-3095

## PRODUCT OVERVIEW

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The Winegard Sensor III Batwing amplified digital RV antenna is designed to receive local broadcast HDTV signals, allowing users to watch top-rated shows in clear digital HD while traveling. This antenna has been a leading RV TV antenna for decades, known for its durability and performance. It has undergone rigorous UV and environmental testing to ensure longevity. Its increased range and VHF capabilities enable reception even in areas with lower signal strength.



**Image 1:** The Winegard RV-3095 Sensar III Batwing Amplified RV TV Antenna. This image displays the antenna in its upright, extended position, ready for signal reception. The main antenna unit, often referred to as the "Batwing," is visible at the top, mounted on a vertical support pole. The light gray color of the antenna is evident, designed to blend with RV exteriors.

## WHAT'S IN THE BOX

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- Winegard Company RV-3095 Sensar III Antenna Unit
- Power Supply
- Installation Hardware (specific components may vary, refer to packaging)
- Instruction Manual (this document)

## SETUP AND INSTALLATION

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Proper installation is crucial for optimal performance. It is recommended to consult a qualified technician if you are unsure about any steps. Ensure your RV is parked on a level surface before beginning installation.

### Mounting the Antenna

1. **Choose Location:** Select a clear, unobstructed area on your RV roof, away from other obstructions like air conditioners or vents.

2. **Prepare Surface:** Clean the mounting surface thoroughly to ensure proper sealing.
3. **Secure Base:** Mount the antenna base securely to the RV roof using appropriate fasteners and sealant to prevent water leaks.
4. **Connect Coaxial Cable:** Route the coaxial cable from the antenna to the interior of the RV, connecting it to the power supply unit.

## Connecting the Power Supply

1. **Locate Power Source:** Identify a suitable 12V DC power source inside your RV.
2. **Wire Power Supply:** Connect the power supply unit to the 12V DC source, ensuring correct polarity.
3. **Connect to TV:** Connect the output of the power supply unit to your RV's television or distribution system.

*Always refer to the detailed diagrams and instructions provided in the physical manual for precise wiring and mounting procedures.*

## OPERATING INSTRUCTIONS

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The Winegard Sensor III is designed for ease of use. Follow these steps to operate your antenna and receive television signals.

### Raising and Lowering the Antenna

1. **To Raise:** From inside the RV, rotate the elevating crank handle clockwise until the antenna is fully extended and locked into its upright position.
2. **To Lower:** Rotate the elevating crank handle counter-clockwise until the antenna is fully retracted and lies flat on the RV roof. *Always lower the antenna before moving the RV.*

### Aiming the Antenna for Best Reception

1. **Turn on Power:** Ensure the antenna power supply is turned on. A green indicator light typically confirms power is active.
2. **Perform Channel Scan:** On your television, navigate to the menu and perform an "Auto Program" or "Channel Scan" to find available channels.
3. **Rotate Antenna:** While watching the signal strength meter on your TV (if available) or observing picture quality, slowly rotate the antenna using the interior rotation handle.
4. **Optimize Position:** Stop rotating when you achieve the best possible signal for the desired channels.

*Signal reception can vary based on location, terrain, and obstructions. You may need to re-aim the antenna when moving to a new location.*

## MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your Winegard Sensor III antenna.

- **Periodic Cleaning:** Clean the antenna elements and housing periodically with mild soap and water. Avoid abrasive cleaners.
- **Lubrication:** Lubricate the elevating shaft and worm gear assembly annually with a silicone-based lubricant to ensure smooth operation.
- **Inspect Seals:** Regularly inspect the roof sealant around the antenna base for cracks or deterioration. Reapply sealant as needed to prevent water intrusion.
- **Cable Inspection:** Check coaxial cables for any signs of wear, fraying, or damage. Replace damaged cables promptly.

## TROUBLESHOOTING

If you experience issues with your antenna, refer to the following common troubleshooting steps.

Problem	Possible Cause	Solution
No Signal / Poor Picture Quality	Antenna not aimed correctly; Power supply off; Loose cable connections; Obstructions; Weak signal area.	Re-aim antenna; Ensure power supply is on; Check all cable connections; Move RV to a clearer location; Perform a channel scan on TV.
Antenna will not raise or lower	Elevating mechanism jammed or seized; Lack of lubrication.	Inspect for obstructions; Apply silicone lubricant to the shaft and gears; Do not force the mechanism.
Power supply indicator light off	No 12V DC power; Blown fuse; Faulty power supply.	Check RV's 12V power source; Inspect and replace fuse if blown; Test power supply unit.

If problems persist after attempting these solutions, contact Winegard customer support or a qualified RV service technician.

## SPECIFICATIONS

Feature	Detail
Model	RV-3095
Antenna Type	Amplified RV TV Antenna (VHF/UHF, Digital, 4K Ready)
Maximum Range	Up to 55 Miles
Number of Channels	105 (potential channels)
Color	Light Gray
Item Weight	Approximately 10 pounds
Product Dimensions (L x W x H)	48.5 x 13 x 8.25 inches
Manufacturer	Winegard

## WARRANTY AND SUPPORT

Winegard products are designed for durability and performance. Specific warranty terms and conditions are typically provided with your product purchase or can be found on the official Winegard website. For technical support, product registration, or warranty claims, please visit the Winegard support section online or contact their customer service directly. For the most current information, please refer to the official [Winegard website](#).

