The Rayzar Automatic is Winegard’s next generation in digital and HD broadcast TV antennas. This fully automatic enhanced dual band antenna features state-of-the-art technology to provide the most user friendly and comprehensive free HDTV viewing experience on the market.

Unlike other over-the-air antennas that must be manually aimed to locate digital broadcast TV signals, this antenna automatically scans and searches for available TV signals. After completing the search routine, an LED wallplate located inside the vehicle illuminates all locations where TV signals are available and will position the antenna to point in the direction where the most channels are located.

**Key Benefits for Your Customers**

**Automatic Aiming Antenna** - No manual aiming or cranking. Fully automatic, simple operation. Manual tuning over-ride option also available to reposition antenna when looking for a specific channel broadcast from an alternate location that was not found during initial search.

**High Performance Antenna Design** - Utilizes state-of-the-art amplifier embedded directly at the elements where 100% of the signal is amplified. Ultra low noise figure of 1.0 dB provides maximum RF gain to receive more channels with little to no pixelation or picture loss. Enhanced dual band VHF/UHF reception means you won’t miss out on channels that other compact UHF-only antennas do.

**Sleek Design** - Built like no other antenna, the Rayzar Automatic is housed in a sleek, attractive low profile dome and protects antenna elements/circuitry for long lasting durability. Permanent roof top installation makes the antenna always ready for use. Compact footprint requires minimal roof space.

**Easy Installation** - Antenna quickly mounts to roof of RV with simple coax only hook up. No need to drill a hole through the roof for a crank handle. Added bonus: Interior ceiling retrofit kit to replace current antennas included.

Similar to other Winegard antennas, the Rayzar Automatic delivers sharp HD picture for viewers to enjoy top rated local programming from major TV broadcasters such as ABC, NBC, CBS, FOX, PBS and more (availability will vary by geographic location). Watching live news, sports and weather is critical for RVers, and the Winegard Rayzar Automatic not only delivers maximum programming, but takes the term ‘user friendly’ to a whole new level.

**Features and Benefits**

**Automatic**

- Antenna searches and finds area with the best coverage, highlighted on the wallplate
  - After completing search routine, antenna will stop where the most channels are located
  - LED wallplate clearly displays locations of all signal areas
  - Ability to manually tune the antenna if desired
**Antenna Setup Chart**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Rayzar Automatic</th>
<th>Manual Directional Antenna</th>
</tr>
</thead>
<tbody>
<tr>
<td>Automatically Searches for Signals</td>
<td>✔</td>
<td>—</td>
</tr>
<tr>
<td>Automatically Locates the Most Viewable Channels</td>
<td>✔</td>
<td>—</td>
</tr>
<tr>
<td>Typical Number of Searches Needed to Find Most Channels</td>
<td>1*</td>
<td>4 – 6</td>
</tr>
<tr>
<td>Number of Times Channel Scan Will Need to be Run</td>
<td>1*</td>
<td>4 – 6</td>
</tr>
<tr>
<td>Time Spent Running a Channel Scan (time will vary by TV)</td>
<td>![5-10 min]</td>
<td>![20-60 min]</td>
</tr>
</tbody>
</table>

*unless secondary location is selected

**How Automatic Aiming Works**

_Don’t be fooled thinking signal meters can do the same thing as the Rayzar Automatic antenna does._

**Scenario 1** using a manual directional antenna with signal meter

The signal meter would direct you to **Tower A** which has the highest signal strength.

Problem: You would get **1 channel** using a signal meter to guide the search.

**Scenario 2** using the Rayzar Automatic Antenna

Here, the antenna automatically scans 16 quadrants (in just 2 minutes!) for the most available channels. It points to **Tower B** and **Tower C** (since they are in the same beamwidth) giving you **5 channels** plus available subchannels!

*Plus, if you want CBS, you can quickly toggle to Tower A with the single push of a button.*

**State-of-the-Art Amplifier**

- Embedded ultra low noise (1.0 dB) amplifier.
- Amplifier is designed and built at Winegard using a Surface Mount Technology for proven reliability and unmatched quality.
- Designed and Manufactured in the U.S.A.

**Noise Figure Comparison**

![Graph showing Noise Figure Comparison between Standard Amplified Antenna and Winegard Rayzar Automatic Amplified Antenna]

_Lower noise level = Better picture quality_
**Small Footprint and Sleek Design**

- Built and Designed in the U.S.A.
- Backed by industry leading limited warranty of 2 years parts, 1 year labor.

**Easy to Install**

- Simply mount antenna to the RV roof and run coax into vehicle.
  - No need to cut a hole in the roof for a crank handle.
  - Ceiling retrofit kit included.

**Pack-out Contents**

- Automatic amplified domed antenna
- +12 VDC wallplate interface/power supply
- 20’ 75 ohm coax cable
- 6’ 75 ohm coax cable
- Mounting hardware
- Ceiling Retrofit Kit

**RIGOROUSLY TESTED**

FOR USE IN TYPICAL RV CONDITIONS

[Shock & Vibration] [Humidity & Temperature]

**Winegard® Rayzar® Automatic HD TV Antenna**

- RZ-8500 white single pack with wallplate
- RZ-8535 black single pack with wallplate