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## SportDOG TEK-CARANT-E

# SportDOG TEK 2.0 Accessories Car Antenna User Manual

Model: TEK-CARANT-E

## 1. INTRODUCTION

This manual provides detailed instructions for the SportDOG TEK-CARANT-E Car Antenna, an accessory designed to enhance the performance of your SportDOG TEK GPS tracking and training systems.

### 1.1. Product Overview

The SportDOG TEK-CARANT-E is a car-mounted antenna kit that connects to your handheld TEK GPS device. It is engineered to provide improved signal range and reliability, especially when operating from within a vehicle.



Figure 1: SportDOG TEK-CARANT-E Car Antenna. This image shows the black antenna mast connected to a magnetic base with a coaxial cable extending from it, ending in a connector.

## 1.2. Compatibility

This car antenna is compatible with the following SportDOG TEK GPS systems:

- TEK GPS Tracking System (Series 1.0, 1.5, and 2.5)
- TEK GPS Training and Tracking System (Series 1.0, 1.5, and 2.5)

## 1.3. Included Components

The TEK-CARANT-E kit includes:

- Antenna Mast
- Magnetic Base with Coaxial Cable





Figure 2: SportDOG TEK-CARANT-E Car Antenna in its retail packaging. The black antenna and its magnetic base are visible through a clear window on the box.

## 2. SETUP INSTRUCTIONS

Follow these steps to properly set up your SportDOG TEK-CARANT-E Car Antenna:

- 1. Choose a Mounting Location:** Select a flat, metallic surface on your vehicle for the magnetic base. The roof of the vehicle is often ideal for optimal signal reception. Ensure the surface is clean and dry for a secure attachment.
- 2. Attach the Magnetic Base:** Place the magnetic base firmly onto the chosen metallic surface. The strong magnet will hold it in place.
- 3. Connect the Antenna Mast:** Screw the antenna mast securely into the threaded connector on the magnetic base.
- 4. Route the Coaxial Cable:** Carefully route the coaxial cable from the magnetic base into the interior of your vehicle. Avoid pinching the cable in doors or windows.
- 5. Connect to Handheld Device:** Locate the external antenna port on your SportDOG TEK handheld device. Connect the coaxial cable's connector to this port. Ensure a snug fit.

Once connected, your TEK system should automatically recognize the external antenna and utilize it for improved range.

## 3. OPERATING THE CAR ANTENNA

The SportDOG TEK-CARANT-E Car Antenna is designed for passive operation, meaning it does not require additional power or controls once connected. Its primary function is to extend the range and improve the reliability of your TEK GPS system's signal, particularly when you are inside a vehicle where the vehicle's metal body might otherwise interfere with signal reception.

### 3.1. Enhanced Range

By connecting the car antenna, you should experience a better signal range compared to using the handheld device's internal antenna alone inside a car. This is crucial for maintaining consistent tracking and communication with your dog's collar unit over longer distances or in challenging environments.

### 3.2. Best Practices for Operation

- Optimal Placement:** For best results, ensure the antenna is mounted on the highest possible point of your vehicle, free from obstructions.
- Secure Connection:** Always ensure the cable is securely connected to both the antenna base and your handheld device to prevent signal loss.
- Avoid Obstructions:** While the antenna improves range, dense foliage, large buildings, or significant terrain

changes can still impact GPS and radio signals.

## 4. MAINTENANCE

Proper care and maintenance will ensure the longevity and optimal performance of your SportDOG TEK-CARANT-E Car Antenna.

- **Cleaning:** Periodically wipe the antenna mast and magnetic base with a soft, damp cloth to remove dirt and debris. Do not use harsh chemicals or abrasive cleaners.
- **Cable Inspection:** Regularly inspect the coaxial cable for any signs of wear, cuts, or damage. Damaged cables can lead to signal degradation.
- **Connector Care:** Keep the connector clean and dry. If it becomes dirty, gently clean it with a cotton swab and rubbing alcohol. Ensure it is completely dry before reconnecting.
- **Storage:** When not in use, store the antenna in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Magnetic Base:** Ensure the magnetic base remains free of metallic particles that could scratch your vehicle's paint. Clean the underside of the base regularly.

## 5. TROUBLESHOOTING

If you experience issues with your SportDOG TEK-CARANT-E Car Antenna, try the following troubleshooting steps:

Problem	Possible Cause	Solution
No improvement in range/signal.	Loose connection, incompatible device, damaged cable.	<ul style="list-style-type: none"><li>◦ Ensure the cable is securely connected to both the antenna base and the handheld device.</li><li>◦ Verify your TEK system is compatible with the TEK-CARANT-E antenna (refer to Section 1.2).</li><li>◦ Inspect the cable for any visible damage. If damaged, replacement may be necessary.</li><li>◦ Try repositioning the antenna on the vehicle for a clearer line of sight.</li></ul>
Antenna not staying attached to vehicle.	Unclean surface, non-metallic surface, weak magnet.	<ul style="list-style-type: none"><li>◦ Clean the mounting surface on your vehicle thoroughly.</li><li>◦ Ensure you are attaching the antenna to a metallic surface.</li><li>◦ If the magnet seems weak, contact customer support.</li></ul>
Cable damage.	Improper routing, wear and tear.	<ul style="list-style-type: none"><li>◦ Reroute the cable to avoid pinching or excessive bending.</li><li>◦ If the cable is damaged, it will need to be replaced.</li></ul>

## 6. SPECIFICATIONS

Feature	Detail
Brand	SportDOG

Feature	Detail
Manufacturer	SportDOG
Model	TEK-CARANT-E
Model Name	Autre (Other)
Product Dimensions	9.68 x 5.72 x 25.56 cm
Item Model Number	TEK-CARANT-E
Item Number	TEK-CARANT-E
Number of Items	1
Batteries Required	No
Item Weight	500 grams
Antenna Type	Radio
Color	Black
Number of Channels	1
UPC	729849152595
First Available Date	June 10, 2017

## 7. WARRANTY INFORMATION

The SportDOG TEK-CARANT-E Car Antenna comes with a **2-year manufacturer's warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

The warranty does not cover:

- Damage caused by misuse, abuse, neglect, or improper handling.
- Damage caused by unauthorized repairs or modifications.
- Normal wear and tear.
- Damage caused by accidents or natural disasters.

For detailed warranty terms and conditions, please refer to the official SportDOG website or contact customer support.

## 8. CUSTOMER SUPPORT

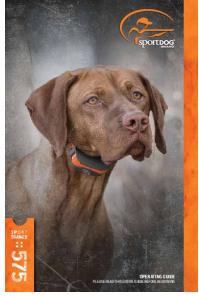
If you have any questions, require technical assistance, or need to make a warranty claim, please contact SportDOG customer support:

- **Website:** Visit the official SportDOG website for FAQs, support articles, and contact information.
- **Phone:** Refer to the SportDOG website for regional customer service phone numbers.
- **Email:** Contact support via email for non-urgent inquiries.

When contacting support, please have your product model number (TEK-CARANT-E) and proof of purchase readily

## Related Documents - TEK-CARANT-E

	<p><a href="#"><u>SportDOG Brand: Advanced Electronic Dog Training Systems &amp; Accessories</u></a></p> <p>Explore the comprehensive range of SportDOG Brand electronic dog training collars, remote trainers, and accessories designed for hunting and field use. Discover models like SportHunter, WetlandHunter, and FieldTrainer, featuring DryTek waterproof technology and long-range capabilities.</p>
	<p><a href="#"><u>SportDOG Brand NoBark 18 Bark Control Collar Operating Guide</u></a></p> <p>Official operating guide for the SportDOG Brand NoBark 18 Bark Control Collar, detailing setup, operation, fitting, safety, troubleshooting, and maintenance for effective dog bark training.</p>
	<p><a href="#"><u>SportDOG YardTrainer 300: Operating and Basic Training Guide</u></a></p> <p>Comprehensive guide for the SportDOG YardTrainer 300 remote e-collar system, covering setup, components, operation, training commands, troubleshooting, and safety information for effective dog training.</p>
	<p><a href="#"><u>SportDOG ProHunter 2525 Operating Guide: Setup, Use, and Safety</u></a></p> <p>Comprehensive operating guide for the SportDOG ProHunter 2525 remote dog training system. Learn about setup, fitting the collar, finding intensity levels, programming modes, safety precautions, and troubleshooting for effective dog training.</p>
	<p><a href="#"><u>SportDOG Wetland Hunter 425 Operating Guide</u></a></p> <p>Comprehensive operating guide for the SportDOG Wetland Hunter 425, detailing setup, usage, safety precautions, and troubleshooting for effective and safe dog training.</p>



### [SportDOG SportTrainer 575 Remote Trainer Operating Guide](#)

Comprehensive operating guide for the SportDOG SportTrainer 575 remote dog training collar system, covering setup, usage, safety, troubleshooting, and warranty information.