



Manuals.plus /

› **Dakota Alert** /

› Dakota Alert DCPT-4000 Wireless Driveway Alarm Vehicle Sensor Instruction Manual

Dakota Alert DCPT-4000

Dakota Alert DCPT-4000 Wireless Driveway Alarm Vehicle Sensor

Instruction Manual

1. INTRODUCTION

The Dakota Alert DCPT-4000 is a wireless vehicle detection probe and transmitter designed to alert you to approaching vehicles. This system is engineered for reliability and ease of use, providing a long-range wireless signal to a compatible receiver (sold separately). It is specifically designed to detect metallic vehicles, minimizing false alarms from animals or environmental factors.

2. PRODUCT OVERVIEW

The DCPT-4000 system consists of a metal-sensing probe connected to a weatherproof transmitter box via a 50-foot direct burial cable. The probe detects the presence of metallic vehicles, and the transmitter sends a wireless signal to a compatible Dakota Alert 4000 Series receiver (e.g., DCR-4000 or RE-4k Plus).

AUTO-DETECT MOVING VEHICLES



The **DCPT-4000 Transmitter** comes with a 50 foot direct burial cable and metal-sensing probes. It detects any moving vehicle that drives over the probe.

DA Dakota Alert, Inc.
WIRELESS SECURITY EQUIPMENT

Image 2.1: The DCPT-4000 probe and transmitter are designed to automatically detect moving vehicles. The probe is buried, and the transmitter sends a signal when a vehicle passes over the buried cable.

Key features include:

- **Vehicle Detection Only:** The probe is specifically designed to detect metal, ensuring alerts are triggered only by vehicles and not by wildlife or other large objects.
- **Long Wireless Range:** Offers a wireless range of up to one mile, providing extensive coverage for large properties.
- **Ultra-Reliable Battery:** Operates on three CR-123 batteries (included) with a typical lifespan of one year or more, reducing the need for frequent battery changes.
- **Weatherproof Design:** The transmitter box and probe are built to withstand outdoor conditions.

WIDE PERIMETER MONITORING



The metal-sensing probe of the **DCPT-4000** detects cars passing by within ten to twelve feet of the probe, while the transmitter box can send alert signals to the receiver when it is up to a mile away.

DA Dakota Alert, Inc.
WIRELESS SECURITY EQUIPMENT

Image 2.2: The metal-sensing probe detects vehicles within ten to twelve feet, and the transmitter box sends signals up to a mile away to the receiver.

NEVER SENDS FALSE ALARMS



Strong winds, fallen trees, and large animals won't trigger the transmitter's alarm because the probe is only capable of detecting **metallic vehicles** passing over the burial cable.



Image 2.3: The DCPT-4000 is designed to prevent false alarms from strong winds, fallen trees, or large animals by only detecting metallic vehicles.

3. SETUP AND INSTALLATION

3.1 Battery Installation

1. Open the weatherproof transmitter box.
2. Insert three CR-123 batteries into the designated battery compartment. Ensure correct polarity.
3. Securely close the transmitter box to maintain its weatherproof seal.

3.2 Probe and Transmitter Placement

The DCPT-4000 is designed for outdoor monitoring. Proper placement is crucial for optimal performance.

1. **Bury the Probe:** Dig a trench and bury the metal-sensing probe next to your driveway or any

area where you wish to detect vehicles. The probe should be buried horizontally, parallel to the path of the vehicles.

2. **Mount the Transmitter Box:** The transmitter box should be mounted in a secure, elevated location, such as on a tree or post, within range of your receiver. Ensure the cable connecting the probe to the transmitter is protected and buried.



Image 3.1: Bury the probe next to a driveway or drive-through path to detect vehicles. The transmitter box should be mounted nearby.

3.3 Pairing with a Receiver

The DCPT-4000 is a transmitter only and requires a separate Dakota Alert 4000 Series receiver (e.g., DCR-4000 or RE-4k Plus) to function as an alarm system. Refer to your receiver's instruction manual for specific pairing procedures. The system allows pairing up to 16 DCPT-4000 transmitters with a single receiver for monitoring multiple locations.

EASILY EXPANDABLE



Pair **up to 16 DCPT-4000 Transmitters** into a single **Dakota Alert 4000 Receiver**, allowing you to monitor different locations within your property.



Image 3.2: The system is easily expandable, allowing you to pair multiple DCPT-4000 transmitters with a single Dakota Alert 4000 Series receiver.

4. OPERATING INSTRUCTIONS

Once the DCPT-4000 probe and transmitter are installed and paired with a compatible receiver, the system operates automatically.

1. When a metallic vehicle passes over or near the buried probe, the probe detects the change in the magnetic field.
2. The transmitter sends a wireless signal to the paired receiver.
3. The receiver will then emit an alert (e.g., chime, light indicator) to notify you of the vehicle's presence.

The system's design to detect only metal ensures that alerts are specific to vehicles, preventing unnecessary notifications from other movements.

5. MAINTENANCE

The Dakota Alert DCPT-4000 is designed for low maintenance. Regular checks can ensure continued optimal performance.

- **Battery Replacement:** The CR-123 batteries typically last for one year or more. Replace them annually or when the receiver indicates a low battery signal from the transmitter.
- **Cable Inspection:** Periodically inspect the 50-foot direct burial cable for any signs of damage, especially after ground disturbances.
- **Transmitter Box Seal:** Ensure the weatherproof seal of the transmitter box remains intact and free from debris.

6. TROUBLESHOOTING

If you encounter issues with your DCPT-4000 system, consider the following:

- **No Alerts:**
 - Check the batteries in the transmitter. Replace if necessary.
 - Ensure the transmitter is properly paired with the receiver.
 - Verify the probe is correctly buried and positioned to detect vehicles.
 - Check the wireless range. Obstructions or extreme distances can affect signal transmission.
- **Intermittent Alerts:**
 - Low battery in the transmitter can cause inconsistent signals.
 - Environmental interference or physical obstructions between the transmitter and receiver.
- **False Alarms:**
 - While designed to prevent false alarms, ensure no large metallic objects are permanently positioned near the probe.
 - Verify the probe is buried correctly and not exposed to surface disturbances.

For further assistance, refer to the Dakota Alert website or contact customer support.

7. SPECIFICATIONS

Feature	Specification
Model Number	DCPT-4000
Detection Type	Metal Detection (Vehicle Only)
Wireless Range	Up to 1 Mile
Power Source	3 x CR-123 Lithium Batteries (included)
Average Battery Life	12+ months
Cable Length	50 feet (Direct Burial)
Mounting Type	Ground Mount (Probe), Surface Mount (Transmitter)
Compatible Receivers	Dakota Alert 4000 Series (e.g., DCR-4000, RE-4k Plus)
Product Dimensions	12.5 x 7.5 x 5 inches
Item Weight	0.704 ounces

8. WARRANTY INFORMATION

The Dakota Alert DCPT-4000 comes with a one-year manufacturer's warranty. Please retain your proof of purchase for warranty claims. For detailed warranty terms and conditions, visit the official Dakota Alert website.

9. SUPPORT

For technical support, product inquiries, or additional information, please visit the Dakota Alert Store on Amazon or the official Dakota Alert website.