Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Dakota Alert DCPA-4k Plus

Dakota Alert DCPA-4k Plus Driveway Alarm System User Manual

1. Introduction

The Dakota Alert DCPA-4k Plus is a wireless vehicle detection system designed to provide alerts for approaching vehicles. This system includes the DCPT-4000 wireless probe transmitter and the RE-4k Plus receiver. The probe detects vehicles within approximately 10 feet, and the receiver provides audible alerts and can integrate with other security devices. The system offers a wireless range of up to one mile, minimizing false alarms from non-vehicle sources.



Figure 1: Dakota Alert DCPA-4k Plus Driveway Alarm System

2. Components

- **DCPT-4000 Wireless Probe Transmitter:** Detects vehicles via magnetic field changes.
- **RE-4k Plus Receiver:** Receives signals from the transmitter and provides alerts.
- **50-foot Direct Burial Wire:** Connects the probe to the transmitter.
- **CR-123A Batteries (3 included):** Powers the transmitter.
- **A/C Adapter:** Powers the receiver.

3. Setup and Installation

3.1 Transmitter Installation

The DCPT-4000 transmitter is powered by three CR-123A batteries, which typically last a year or more. The 50-foot direct

burial wire connects the probe to the transmitter. Bury the probe parallel to the driveway, approximately 6 inches deep, and within 10-12 feet of where vehicles will pass. Mount the transmitter box on a tree or post, ensuring the cable is securely connected and buried. The transmitter is waterproof and designed to withstand various weather conditions.



Figure 2: Transmitter box and probe placement for wide perimeter monitoring.



Figure 3: Illustration of the buried probe detecting a vehicle for instant alerts.



Figure 4: The durable and weather-resistant design of the DCPT-4000 transmitter.



Figure 5: The probe's design ensures detection of vehicles only, preventing false alarms from animals or weather.

3.2 Receiver Placement

The RE-4k Plus receiver has a wireless range of up to one mile from the transmitter. Place the receiver in a central location within your home or property to ensure optimal signal reception. The receiver operates with an A/C adapter.



Figure 6: The RE-4k Plus Receiver, capable of long-range wireless operation.

3.3 Pairing Transmitter to Receiver

Up to 16 sensors can be paired with one receiver. Use the simple code-learning technology for pairing. Refer to the video below for detailed programming instructions.

Your browser does not support the video tag.

Video 1: Instructions on programming the RE-4k Plus receiver to pair with a transmitter.



Figure 7: The RE-4k Plus Receiver can be easily expanded to pair with multiple transmitters.

4. Operating Instructions

When a vehicle is detected by the DCPT-4000 probe, the RE-4k Plus receiver will play one of 16 selectable tunes. The receiver also features two Form C relay outputs and one 12 VDC output for connecting to external accessories like bells, sirens, strobes, or home automation systems. Adjustable timing options for outputs are 1, 5, 15 seconds, or 5 minutes.



Figure 8: The RE-4k Plus Receiver's ports for connecting external devices such as sirens or home automation systems.

5. Maintenance

The DCPT-4000 transmitter operates on three CR-123A batteries, which typically last a year or more. Regularly check battery status and replace as needed. The system is designed for reliable operation day and night, without reliance on solar panels.

6. Troubleshooting

If the system is not functioning as expected, ensure the transmitter batteries are fresh and correctly installed. Verify the receiver is powered on and within range of the transmitter. Check for any physical obstructions that might interfere with the wireless signal, although the system is designed to penetrate some foliage. For persistent issues, refer to the detailed

troubleshooting guide available on the Dakota Alert website or contact customer support.

7. Specifications

- **Brand:** Dakota Alert
- **Model Number:** DCPA-4k Plus
- **Power Source:** 3 CR-123A batteries for transmitter, A/C adapter for receiver
- **Maximum Wireless Range:** 1 Mile
- **Sensor Technology:** Wireless with Buried Probe (detects magnetic field changes from metal)
- **Alert Type:** Vehicle Motion
- **Receiver Outputs:** Two Form C relay outputs, one 12 VDC output
- **Receiver Tunes:** 16 selectable tunes
- **Transmitter Battery Average Life:** 365 days
- **Item Dimensions:** 9.1 x 9.1 x 9.1 inches
- **Connectivity Technology:** Wireless
- **Weather Resistance:** Transmitter is waterproof and can withstand temperatures from -30 to 120 degrees Fahrenheit.

8. Warranty and Support

This product comes with a one-year manufacturer warranty. For warranty claims, technical support, or additional assistance, please contact Dakota Alert customer service. Visit the official Dakota Alert website for more information and contact details.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B07Y41NVZC

More documents and user manuals: **https://manuals.plus/**