# PB-4000 User's Manual

The PB-4000 is a wireless probe transmitter that will send a radio signal to your DCR-4000 receiver when it detects a vehicle in the monitored location, such as a driveway or a drive-up window. The PB-4000 can be used to detect the direction of travel of a vehicle by using the dual probe.

Package Contents:
Wireless Probe transmitter
Dual probe with 50' of direct burial wire
CR-123A batteries
User guide

Setting up your wireless dual probe:

1. Install the CR-123 batteries
2. Code your DCR-4000 to receive a signal from the PB-4000. The PB-4000 can distinguish between traffic entering and exiting.
3. Locate and mount the transmitter near the driveway.

Installing the batteries:

1. Open the lid to the transmitter box.
2. Install three (3) CR-123A batteries (included). Make sure to position the batteries so the + and - of the batteries match the outline in the battery compartment.
3. Close the lid and secure the latch.

Coding the receiver:

1. Place the receiver and transmitter near each other.
2. On the receiver, press and hold the "MODE" and "Volume" buttons for three seconds until the LEDs flash, then release the buttons.
3. Press the "Volume" button repeatedly until you hear the tune you desire.
    a. Ding Dong #1
    b. Ding Dong #2
    c. Westminster Chime
    d. Fur Elise
    e. Siren
    f. Coo Coo Clock
    g. Bird Chirping
    h. Twinkle Twinkle

    i. William Tell
    j. Canon in D
    k. Morning
    l. Toreodor March
4. After you select the tune, activate the transmitter by pressing the "A" or "B" button on the transmitter.
    a. The "A" button is used to signal when a vehicle is entering- passing Probe A and then Probe B.
    b. The "B" button is used to signal when a vehicle is leaving- passing probe B then Probe A.
5. If you choose to program different sounds for vehicles entering and exiting repeat steps 3 and 4 above.
6. Additional sensors can be coded to the receiver by repeating steps 3 and 4. Up to 16 sensors can be coded to one receiver.
7. After the sensors are coded to the receiver, press and hold the "mode" button until the LEDs stop flashing (about 3 seconds).
8. To test the tune, press the A or B button on the transmitter and you should hear the selected tune.

Positioning your transmitter:

1. Lay the probes on top of the ground perpendicular to the driveway 5 feet (1.5m) apart. Then drive a car by the probes to test the position. You should hear a chime from the receiver. **NOTE**: The tune selected for the "A" button corresponds with the car passing probe A then probe B. The tune selected for the "B" button corresponds with the car passing probe B then probe A.
2. After you have tested the location of the probes to make sure they detect properly, you can commit to burying the probes and wire.
3. The probes need to be buried perpendicular to the flow of traffic and should be separated by 5 ft. (1.5m). As a general rule, the vehicle should pass probe "A" first and then probe "B" as it is entering the driveway.
4. Bury the wire to a nearby tree or post and mount the transmitter box about 4 to 5 feet (1.2 to 1.5m) off the gound.

Adjusting the sensitivity:

The small dial above the terminal block for Probe A and Probe B is the sensitivity adjustment. If you are having difficulty detecting vehicles, rotate the dial clockwise (CW) to increase sensitivity. If you are experiencing false signals, rotate the dial counter-clockwise (CCW) to decrease the sensitivity.

Tech Support:
If you are having any problems using this product after reading the manual, please contact Dakota Alert. You can reach us by phone at 605-356-2772 from 8:30AM to 5:00PM Monday through Friday (Central time). We will be happy to answer your questions and help in any way we can.

Warranty:
Dakota Alert warrants this product to be free from defects in materials and workmanship for a period of one year from the date of purchase. This warranty does not cover damage resulting from accident, abuse, act of God, or improper installation or operation. If this product becomes defective, simply return it to Dakota Alert. Please include a note describing the trouble along with your name and return address as well as the original sales receipt. If the product is covered under warranty, it will be repaired or replaced at no charge. If it is not covered under warranty, you will be notified of any charges before work is done.

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Notice:
Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 8 inches (20cm) between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.