



**Dakota Alert®**  
*WIRELESS SECURITY EQUIPMENT*

**Directional  
Wireless Probe  
Transmitter**  
**DAPT-4000**

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***USER GUIDE***

[www.dakotaalert.com](http://www.dakotaalert.com)



The DAPT-4000 is a wireless transmitter that will send a radio signal to your DCR-4000 or RE-4k Plus receiver when it detects a vehicle in the monitored location, such as a driveway or drive-up window. The DAPT-4000 can be used to detect the direction of travel of a vehicle by using the dual probes.

## **PACKAGE CONTENTS**

- Wireless Probe Transmitter
- Dual probes with 50 ft. of direct burial wire
- *User Guide*

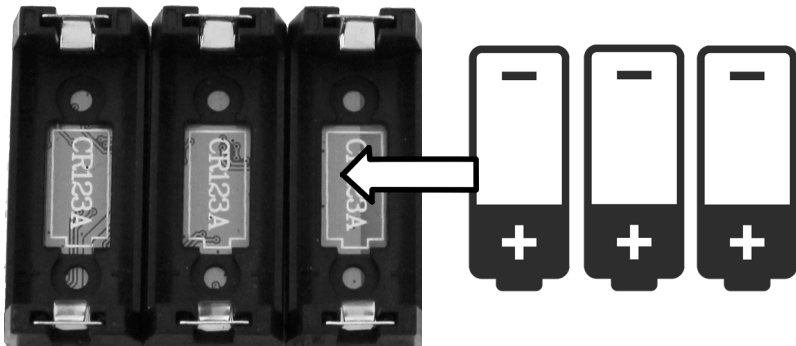
**Please read the manual completely before proceeding**

## **SETTING UP YOUR WIRELESS PROBE**

1. Install the batteries. See “Installing the batteries” on page 3.
2. Select a tune and code your wireless probe to your receiver. See “Coding your receiver” on page 4.
3. Position your probes and transmitter box. See “Positioning your transmitter” on page 6.

## INSTALLING THE BATTERIES


1. Open the transmitter box.
2. Install new (3) CR123A batteries. Make sure that the + and - symbols on the batteries match the symbols in the compartment.



**LOW BATTERY ALERT:** If you hear a second alert after the first alert, and nothing has activated the transmitter again, the batteries in the transmitter box are low and should be replaced.

## CODING YOUR RECEIVER

Please refer to your receiver manual for complete details.

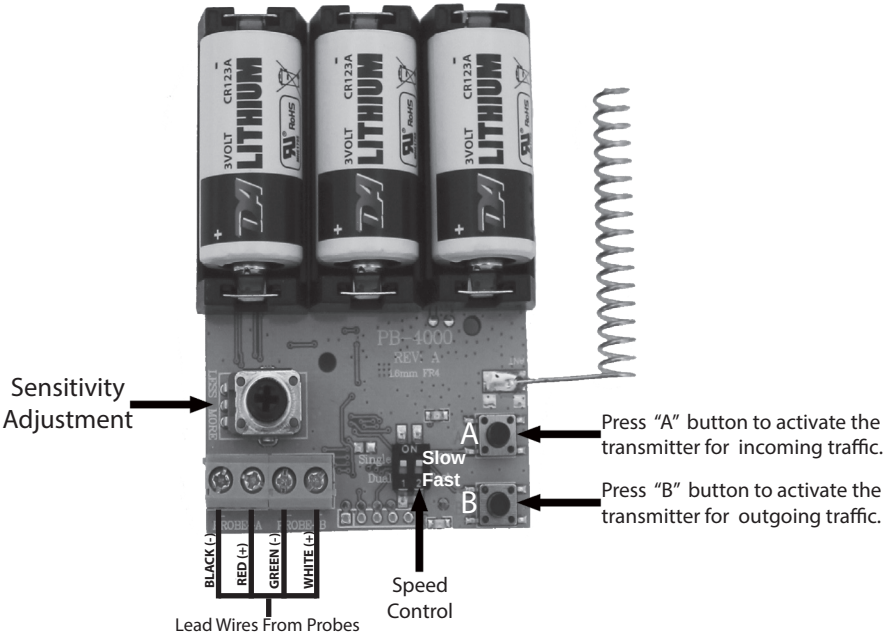
1. Place your receiver and wireless probe transmitter near each other.  
**Note:** Do not move or place metal near the probe until you select the tune you want.
2. Press and hold the **MODE** button for three seconds. When all of the blue LED lights flash, release the button.
3. Press the  (volume) repeatedly until you find the tune you want to use for the **vehicle entering**.

DCR-4000 & RE-4k Plus						RE-4k Plus	
1	Ding Dong (high)	5	Alarm/Siren	9	William Tell	13	Beep (high)
2	Ding Dong (low)	6	Coo Coo Clock	10	Cannon in D	14	Beep (low)
3	Westminster	7	Bird Chirping	11	Morning	15	Beep, Beep
4	Fur Elise	8	Twinkle Twinkle	12	Toreador March	16	Beep, Beep, Beep Beep

***NOTE: If you only want a signal when a vehicle enters, program only the "A" button. If you only want a signal when a vehicle exits, program only the "B" button.***

4. After you choose a tune, activate the wireless probe transmitter by pressing the **"A"** button on the transmitter board (SEE DIAGRAM NEXT PAGE). You should hear a short beep from the receiver.
5. Press the volume button again until you hear the sound you want for a **vehicle leaving**.
6. After choosing a tune, activate the wireless probe transmitter by pressing the **"B"** button on the transmitter board. You should hear a short beep from the receiver.
7. If you are programming more than one transmitter, repeat steps 3-6. ***\*Up to 16 zones can be coded to one receiver (each "A" or "B" is considered one zone).***
8. After your transmitter(s) are coded, press and hold the **MODE** button until the LEDs stop flashing (about three seconds).
9. To test the tune, activate the wireless probe transmitter by pressing the **"A"** or **"B"** button again. You should hear the selected tune and see the lights flash on your receiver.

DIAGRAM OF TRANSMITTER BOARD



## POSITIONING YOUR TRANSMITTER

1. Lay the probes on top of the ground perpendicular to the driveway 4 feet (1.2m) 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. **(See diagram on Page 8)**
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 4 ft. (1.2m). As a general rule, the vehicle should pass Probe "A" first 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 ground.

## 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 the sensitivity. If you are experiencing false signals, rotate the dial counter clockwise (CCW) to decrease the sensitivity.

## SPEED CONTROL

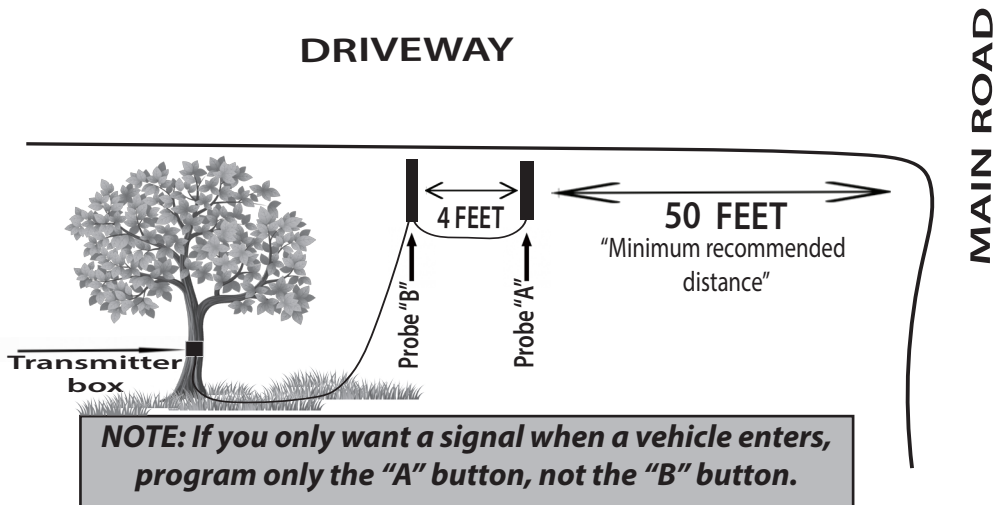
**SLOW**-will detect vehicles travelling from approximately 2 to 35 mph. Use the slow setting if the main road has high speed truck traffic.

**FAST**-will detect vehicles travelling from approximately 2 to 45 mph.

**Note:** Although the maximum wireless range is about one mile, obstructions such as hills, trees, metal siding, and stucco can all reduce the range. Metal posts may interfere with the transmitter's radio signal.


***Place probes perpendicular to the driveway***

NOTE: It is recommended (but not required) to place the wire in a conduit to protect from potential damage.





## ADJUSTING THE VOLUME

- Press the  (volume) button repeatedly to adjust the volume (four levels and off). The lights show the volume level for four seconds.

## TROUBLESHOOTING

### If you are getting false alarms:

- Make sure that the probes are at least 50 feet from any main roads.
- Check the wire for damage to the insulation.
- Turn the sensitivity knob counterclockwise to reduce sensitivity.



### If the transmitter is not detecting:

- Change the batteries in the transmitter
- Make sure the transmitter is coded to the receiver. See "Coding your receiver" on page 4 for coding instructions.
- Move the transmitter closer to the receiver.
- Keep the transmitter away from large metal objects that may interfere with the radio signal.
- Turn the sensitivity knob clockwise to increase the sensitivity.



## SPECIFICATIONS

- Power Source:** (3) CR 123A batteries
- Frequency:** 433.92 MHz
- Wire Length:** 50 ft. (15 m)
- Operating Temperature:** -30 to 120° F (-34 to 49° C)
- Wireless Range:** About 1 mile (1.6 km)\*
- Probe Detection Range:** Up to 10 ft. (3 m)

## TECH SUPPORT

If you have problems using this product after reading this manual, please contact us. You can reach us by phone at (605)356-2772 from 8:30 AM to 5:00 PM Monday-Friday (Central Standard Time). We will be happy to answer any questions and help you in any way we can.

## WARRANTY


Dakota Alert warrants this product to be free of 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 operation. If this product does become defective, simply return it to Dakota Alert. Please include a note describing the troubles along with your name, address and phone number 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.**

*\*Although the maximum wireless range is about one mile, obstructions such as hills, trees, metal siding, and stucco can all reduce the range. Metal posts may interfere with the transmitter's radio signal.*

## LEGAL NOTICES

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) the device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the part responsible for compliance could void the users 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 and outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

 **WARNING:** Cancer and Reproductive Harm. Go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov) for more information

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