

# ***Dakota Alert™***

**WR-3000  
Wireless  
Receiver**

**Owner's Manual**



## WR-3000 RECEIVER INSTRUCTIONS

### WARNING

This device complies with Part 15 of the FCC rules, operation of this device is subject to the following conditions: 1. This device may not cause harmful interference. 2. This device must accept any interference, including interference that may cause undesired operation.

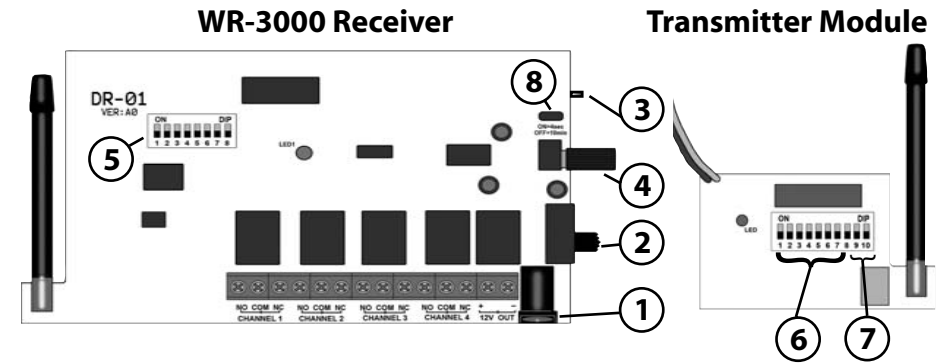
### INTRODUCTION

The WR-3000 receiver can be used with any of the Dakota Alert 3000 series transmitters (WMT-3000, WPT-3000, WHT-3000). The WR-3000 plugs in to a standard wall outlet and can be placed on a table or mounted on the wall. When the receiver gets a signal from the transmitter one of 4 different tones (Classical, Westminster Chime, Ding Dong, Whistle) will sound for a few seconds. There is also a volume control so you can set the sound to the desired level. The receiver is also equipped with 4 form "C" relays (one for each zone) and one 12 VDC output terminal that will activate for several seconds when a signal is received. The receiver can be user programmed so the 12VDC terminal and one relay will activate for 10 minutes if this is desired. The tones will still sound for several seconds.

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## OPERATION

1. Connect the end of the power supply to the receiver. (1)
2. Plug the power supply into a wall outlet
3. Locate the off/on switch (2) and move to the "on" position.
4. Press the "test" button (3) on the side of the receiver to determine the level of the volume. Rotate the "volume" knob (4) until you have the sound desired level.



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For maximum range between the transmitter and receiver, the receiver should be mounted horizontally on a wall and as high off the floor as possible. Although the maximum range is about 3000 feet, things such as hills, trees, metal siding and stucco can all reduce the range.

### **CODING THE RECEIVER**

1. Open the receiver case by inserting a small screw driver into one of the pry notches on the side of the case.
2. Gently lift off the front cover.
3. Locate the 8 dip switches (5) on the receiver and make sure they set identically to the first 8 dip switches (6) on the transmitter. Note: If more than one transmitter is used with the receiver, the first 8 dip switches of all transmitters must match the 8 dip switches of the receiver.

**NOTE: Whenever a change is made to the time jumper or the dip switches, the receiver must be turned "OFF" and then back "ON" to operate properly.**

### **CODING THE TRANSMITTER**

1. Locate the dip switches in the 3000 series transmitter. (refer to transmitter manual)
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2. The first 8 dip switches (6) are for the frequency setting (256 combinations). Set the first 8 switches to match the 8 switches in the receiver.
3. Switches 9 & 10 (7) are for the zone/channel setting on the transmitter. The four zones are as follows:

Switch 9	Switch 10	Channel	Tune
ON	ON	1+12VDC	Classical
OFF	ON	2	Westminster
ON	OFF	3	Ding Dong
OFF	OFF	4	Whistle

### **TONE, RELAY AND VOLTAGE OUTPUT**

1. Each of the four transmitter zones (selectable by switch 9 & 10) will sound a tone and activate the corresponding relay on the receiver.
2. Each of the form "C" relays is rated for 24 VDC at 3 Amp maximum current.
3. The 12 VDC output will activate when the transmitter is set to zone 1. The voltage duration will last for four seconds and has a maximum current of 400mA.

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4. The channel 1 relay and the 12 VDC output can be set to operate for 4 seconds or 10 minutes. To change the duration, locate the jumper (8) on the upper right hand corner of the circuit board. When the jumper is covering both pins, the output time is 4 seconds. When the jumper is only covering one pin, the output time will be 10 minutes.

**NOTE: Whenever a change is made to the time jumper or the dip switches, the receiver must be turned "OFF" and then back "ON" to operate properly.**

For maximum range between the transmitter and receiver, the receiver should be mounted horizontally on a wall and as high off the floor as possible. Although the maximum range is about 3000 feet, things such as hills, trees, metal siding and stucco can all reduce the range.

Frequency: 433.92 MHz

Operating voltage: 12VDC

12 volt DC output current: 400 mA maximum

Relay output rating: 24VDC at 3 Amp

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## **TECHNICAL SUPPORT**

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

## **WARRANTY**

Dakota Alert warrants this product to be free of defects in material 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 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 by warranty, you will be notified of any charges before work is done.

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