

Dakota Alert™

UT-3000 Universal Transmitter

Owner's Manual





Warnings

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 UT-3000 transmitter is compatible with any 3000 Series receiver. The UT-3000 has several methods of activation. First, it has a push button that can be used as a panic button or doorbell. The UT-3000 also has terminals for a normally open (N/O) or normally closed (N/C) input. These inputs can be used with any detector contacts. When the transmitter is activated, it will send a signal to the receiver which will sound one of four different tones (Classical, Westminster Chime, Ding Dong, or Whistle) for a few seconds, or activate the relay outputs.

2.



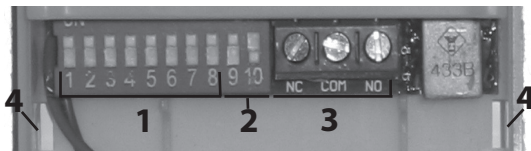
Operation:

1. Swing open the bottom of the front cover to reveal the battery connector, dip switches and input terminals. (see Figure 1)
2. Connect a 9-volt alkaline battery to the transmitter.
3. Set the dip switches 1-8 on the transmitter module to match the receiver.
4. Set dip switches 9 and 10 to control the desired zone, tune, and relay output. (See Coding the transmitter for info on setting the dip switches.)



Figure 1

Figure 2



Coding the transmitter:

1. Open the bottom section of the transmitter (as shown in figure 1)
2. Locate the 10 dip switches in the transmitter (figure 2).
3. The first eight dip switches are for the frequency setting (256 combinations). Set switches 1-8 to match the eight switches in the receiver.
4. Switches 9-10 are for the zone/channel setting on the transmitter. The four zones are as follows:

Switch 9	Switch 10	Channel	12-volt DC output	Tune
On	On	1	Yes	Classical
Off	On	2	No	Westminster
On	Off	3	No	Ding Dong
Off	Off	4	No	Whistle

Note: The transmitters and receivers are preset at the factory. DO NOT change settings, unless changing the tune or experiencing false signals.

Connecting an exterior detector:

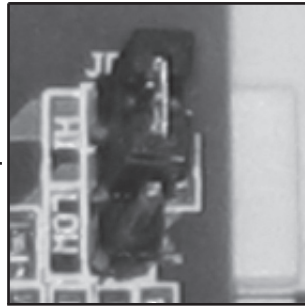
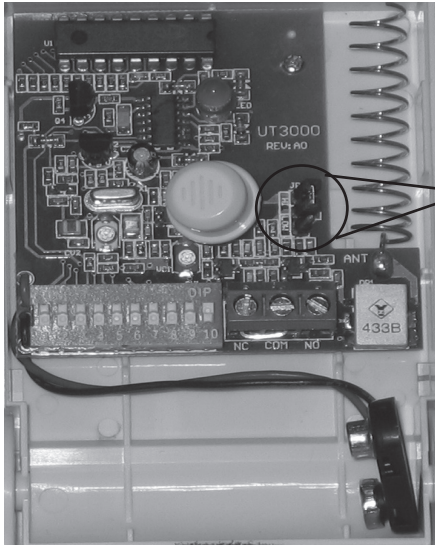
The UT-3000 can be activated by any type of detector which provides a normally open (N/O) or normally closed (N/C) relay output.

1. Locate the terminals to the right of the dip switches (#3 on figure 2).
2. Insert the connecting wires through the small hole on either side of the transmitter case(#4).
3. For a normally closed (N/C) connection, remove the wire jumper between the "NC" and "COM" terminals, and connect your wires to these two terminals.
4. For a normally open (N/O) connection, connect the wires between the "NO" and "COM" terminals.

Setting the transmission range:

The UT-3000 transmitter can be set to two different transmission ranges, **HI** and **LOW**. At **LOW** range is approximately 500 feet, and at **HI** range is approximately 3000 feet. To change the transmission range remove the top portion of the front cover. Gently squeeze the bottom of the case on either side of the red light and the cover will lift off. Locate the Jumper (JP1) to the right of the button. (figure 3) If the jumper is on the top two pins, the transmitter is on **HI** power. If the jumper is on the bottom two pins, the transmitter is on **LOW** power. (For diagrams see page 6)

UT-3000 with top cover removed



Transmission range jumper

Figure 3

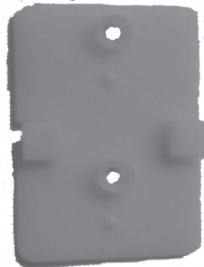
6.

Mounting the transmitter:

The transmitter can be mounted to any wall using the mounting bracket. (figure 4)

The mounting bracket is located on the back of the UT-3000 and can be removed by simply sliding it off. Position the bracket where you would like it and place two screws in the holes provided. To place the UT-3000 back simply slide it over the bracket.

Figure 4



Coding the receiver:

1. Open the receiver case by inserting a small screwdriver into one of the pry notches on the side of the case (refer to receiver manual.)
2. Gently lift off the front cover.
3. Locate the eight dip switches on the receiver and make sure they are set identically to dip switches 1-8 on the transmitter.

Note: If more than one transmitter is used with the receiver, the first eight dip switches of all transmitters must match the eight 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.




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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