

ERA-UTX Transmitter

Owner's Manual

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 ERA-UTX is a Universal Transmitter compatible with all ERA series receivers. When the ERA-UTX is triggered (see one of the three methods below), it sends a radio signal, up to 4,000 feet line of sight, to a compatible receiver.

It must be used in conjunction with a compatible ERA series receiver to function properly.

The ERA-UTX may be purchased individually or may be in a kit. The ERA-UTX has several methods of activation.

- A push button that can be used as a panic button or doorbell button. It is activated when the center gray button is pressed.
- There is also a magnetic contact that can be used for doors or windows. When the door or window is opened, the transmitters is triggered.
- The ERA-UTX also has terminals for a normally open (N/O) or normally closed (N/C) input. These inputs can be used with any detector contacts. Do not connect a lighted doorbell button to the ERA-UTX or it will drain the battery.

Package Contents:

- ERA-UTX
- ERA-UTX mounting bracket
- CR2 lithium battery
- Double sided tape
- Mounting screws
- User manual

Specifications:

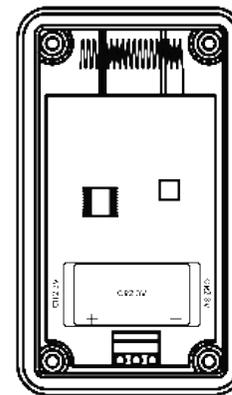
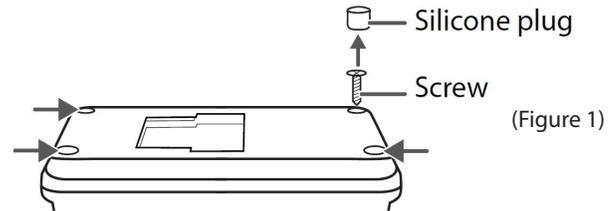
- Power source: CR2 lithium battery
- Transmitter range: Up to 4,000 ft.*
- Frequency: 433 MHz
- Dimensions: 2"W x 3.75"H x .875"D
- Operating temperature range: -30F to 120F

LED Indicator Light in Button:

The default setting is for the LED indicator to light up for two seconds when the ERA-UTX is activated.

Battery Installation:

1. Remove silicon plugs inside each screw well. (figure 1)
2. Remove the four screws on the back of the case
3. Remove top half of case from lower half of case to find the battery compartment. (figure 2)
4. Install the included CR-2 battery in the holder.
5. Follow the instructions for "**Pairing Transmitter to Receiver**".
6. **Note:** When battery gets weak, it will notify the receiver. Consult the receiver user's manual for the specific indication.



Pair Transmitter to Receiver:

(Always test unit prior to installation)

The transmitter works with all ERA series of receivers. At the time of this user manual, this is the ERA-DCRX, ERA-RXPG, and the ERA-VPRX.

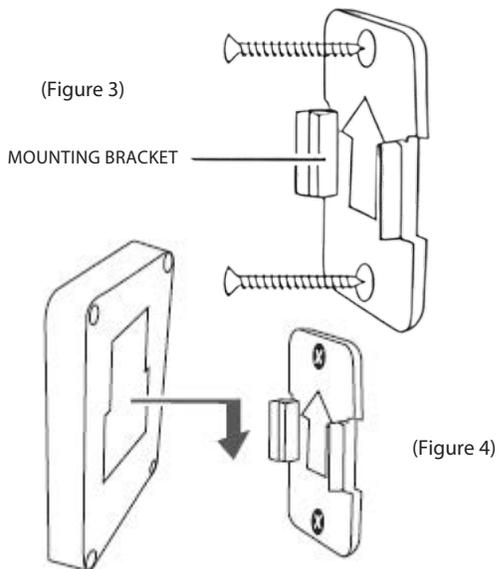
Each receiver has a slightly different way to put it into "programming mode." Once the receiver is in programming mode, the receiver's manual will instruct you to "**trigger the transmitter**," which is outlined in step #4 below.

Once the transmitter is successfully programmed to the receiver, follow the receiver's manual to change the melody, program an additional transmitter to the receiver, or exit programming mode.

1. Ensure the battery is installed in the ERA-UTX transmitter.
2. Ensure the receiver you are programming the transmitter to is powered up and working correctly.
3. Put the receiver in programming mode.
4. **Trigger the ERA-UTX** by pressing the center gray button. The red LED under the gray center should light for approximately 2 seconds.
5. The receiver will respond to notify you this transmitter has been successfully programmed. Consult the specific receiver's manual.
6. Follow the receiver's instruction manual to end programming or to programm an additional transmitter.

Mounting the Transmitter:

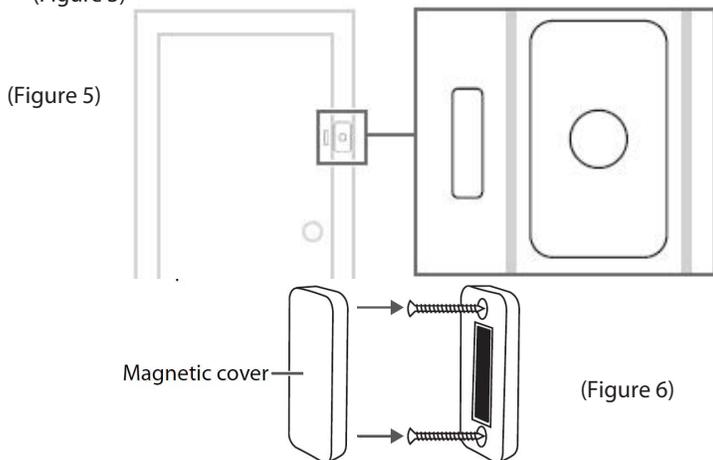
- The transmitter can be mounted to any wall using the mounting bracket.
- The mounting bracket is located on the back of the ERA-UTX and can be removed by simply sliding it off.
- Position the bracket where you want to mount it. Use a drill and two included screws to mount the transmitter. **Ensure the arrow on the mounting bracket is facing up.** (figure 3)
- If mounting the ERA-UTX outdoors it is recommended to place the silicon plugs back into the screw well.
- Slide the transmitter onto the mounting bracket. (figure 4)



Using the Magnetic Contact:

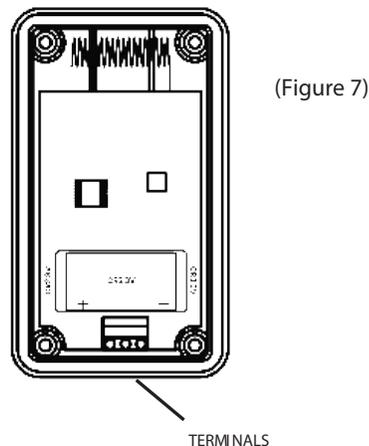
The magnetic contact can be used on most doors/windows with a gap of less than 1/2 inch.

- Mount the push button on the door jam with the screws provided or double sided tape..
- Mount the magnet on the door (within 1/2" of the push button) with the screws provided.
- After mounting the magnet on the door snap the cover on the magnet case.
- The magnetic contact can be used on either side of the push button. (Figure 3)



Connecting an Exterior Detector: The ERA-UTX can be activated by any type of detector which provides a normally open (N/O) or normally closed (N/C) output.

1. Locate the terminals at the bottom of the case. (Figure 7)
2. Insert the wires through the silicone gasket and make the connection on the terminals.
3. For a normally closed (N/C) connection, connect the wires to the NC and Common (center) terminals.
4. For a normally open (N/O) connection, connect the wires between the NO and Common (center) terminals.



Using Multiple Detectors:

- If multiple normally closed (N/C) contacts are to be used, they should be run in series to the N/C contacts.
- If multiple normally open (N/O) contacts are used, they should be run in parallel to the N/O contacts.
- Note: Both N/O and N/C contacts can be used simultaneously along with the magnetic contact and push button.

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 904-245-1184 from 8:00 AM to 5:00 PM Monday through Friday (Eastern Standard Time). We will be happy to answer your questions and help you in any way we can.

WARRANTY

Safeguard Supply 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 Safeguard Supply. 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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