SAFEGUARD SUPPLY

ERA-UTX , ERA-DCRX & ERA-UTDCR

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.
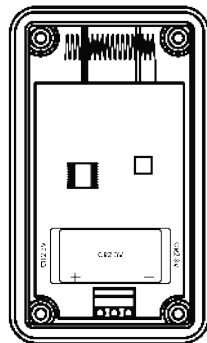
Introduction

The ERA-UTX is a Universal Transmitter compatible with the ERA-DCRX Receiver. These may be purchased separately & also sold as a kit, as the ERA-UTDCR. The ERA-UTX has several methods of activation. First, it has a push button that can be used as a panic button or doorbell button. 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. There is also a magnetic contact that can be used for doors or windows. When the transmitter is activated, it will send a signal to the receiver which will sound one of 12 different tones for a few seconds, or the 12V DC outputs and/or activate the relay output.

Helpful Notes:

- Each receiver is capable of pairing with four (4) transmitters per zone.
- Each zone features 1 x 12V DC output.
- Output duration for the 12V DC output may be set to 5 sec, 10 sec, 1 min, & 2 min. The receiver features 1 x C-Form relay assignable to one or multiple zones & will take on the duration of the 12V DC output.
- Volume control: 4 levels plus mute, plus off.
- Each transmitter must be paired to a zone on the receiver.
- Each zone is programmed to the "ding-dong" sound from the factory. User may change this melody.
- When transmitter battery is low, it sends a signal to the receiver when triggered & the corresponding LED on the receiver will continue to flash for 10 minutes.

Battery Installation:

1. Remove the four screws on the back of the case and open to find the battery compartment. (Figure 1)
2. Remove top half of case from lower case.
3. Install the included CR-2 battery in the holder.
4. Follow the instructions for "**Pairing Transmitter to Receiver**".
5. **Note:** When battery gets weak, it will cause paired zone to flash LED on receiver for 10 minutes when triggered.

(Figure 1)

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.
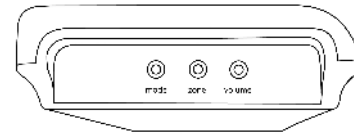
Pair Transmitter to Receiver:

(Always test unit prior to installation)

The transmitter works with the ERA-DCRX receiver & basic programming calls for the user to pair the transmitters with a receiver & select a melody for the transmitter to instruct the receiver to play when triggered.
For quick setup, however, each zone defaults to a basic "ding-dong" sound allowing you to easily pair the transmitter for a faster set up process.

1. On the ERA-DCRX receiver, hold down the "mode" (left button in figure 2 below) button until you hear a short tone sound & the "zone 1" LED flashes (approx 3 sec).
2. If you are programming the transmitter to zone 1press the gray button on your transmitter. You will hear the receiver play a short musical note (zone 1 will continue to flash).
3. To program a transmitter to a different zone, press the "zone" button on the receiver to scroll to the appropriate zone . The zone you want to program will flash. Repeat step 2 above.
4. Once you have programmed all the zones move to the next step.
5. To exit program mode, hold down the "mode" button until you hear a short tone sound (approx 3 sec)

(Figure 2)

Changing the Zone Melody:

By default, each zone is programmed by the factory to play the ding-dong sound

1. Hold down the "zone" button until you hear a short tone & all LEDs on front panel of receiver are red (approx 3 seconds). The zone you are programming will flash.
2. Press the "volume" button to scroll through the 12 available melodies for selection. Once you find a melody you like, move to step 3.
3. Press the "zone" button to scroll to the next zone & repeat step 2 to program a melody to other zones.
4. Once you have programmed a melody to all necessary zones, move to step 5.
5. Hold down the "zone" button until you hear a short tone sound (approx 3 seconds) notifying the receiver is out of melody programming mode.

Volume, Mute, Off:

The volume button on the side of the receiver controls the four different volume levels, mutes & turns off the receiver. Pushing the volume button controls these functions.

- When all four zone LED lights are red, this indicates maximum volume.
- Three zone LED lights indicate the third volume level.
- Two zone LED lights indicate the second volume level.
- One zone LED light indicates the minimum volume level.
- No zone LED lights & a red power indicator light means the sound is muted.
- No LED lights (no zone LED or power indicator) means the unit is off. Pushing volume again turns it back on to max volume.
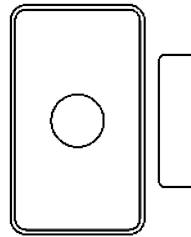
Erasing Programming (memory):

1. Hold down "mode" button until you hear a short tone & the zone 1 LED flashes.
2. Hold down the "mode" & "volume" button simultaneously until all LEDs stop flashing & you hear a short melody sound (approximately 5 seconds).
3. All LEDs will stop flashing & only the green LED power indicator will display. The memory is now erased.

Using the Magnetic Contact:

The magnetic contact can be used on most doors/windows with a gap of less than ½ inch.

- Mount the push button on the door jam with the screws provided.
- Mount the magnet on the door (within ½" of the push button) with the screws provided.
- After mounting the magnet on the door snap the cover on the magnet case.
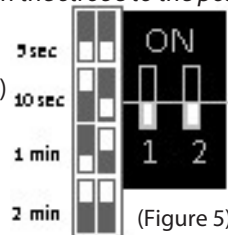- The magnetic contact can be used on either side of the push button. (Figure 3)
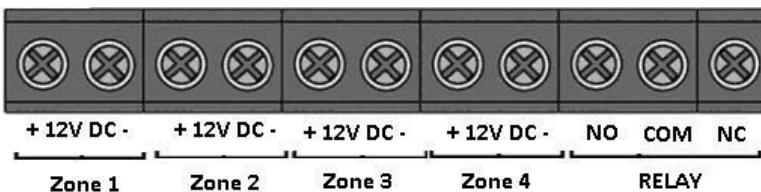
(Figure 3)

Using 12V DC Outputs:

- Each zone on the ERA-DCRX features a live 12V DC output.
- The output duration may be set to 5 seconds, 10 seconds, 1 minute or 2 minutes using the dip switches located inside the receiver.
- The output duration settings will apply to all zones & the C-Form Relay.
- The C-Form Relay may be associated with a specific zone or multiple zones.
- 12V DC output current: 400mA maximum.

Connecting a 12V DC Device:

1. Unplug the receiver.
2. Separate top receiver case from bottom receiver case.
3. Locate terminal block (see figure 4) located on the bottom of the pc board.
4. Loosen screws for the zone(s) that you are connecting a device to.
5. Wire the external 12V DC into the terminal connection blocks that corresponds to the respective zone. *For example, if a push button is paired to zone 1, and you want a strobe to flash for zone 1, wire the strobe into the terminal block for zone 1.*
6. Observe polarity when necessary. *For example, for a strobe light, ensure you are connecting the positive wire on the strobe to the positive terminal on the receiver.*
7. Re-tighten screws on terminal block.
8. Adjust output duration as needed (figure 5)
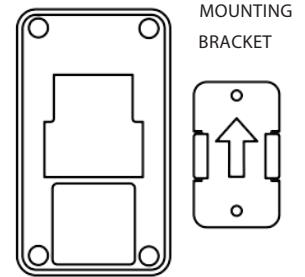9. Snap cover back together.
10. Plug in receiver.

(Figure 5)
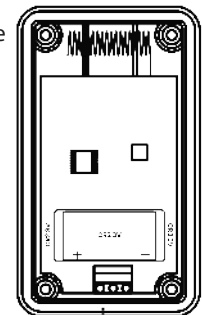
(Figure 4)

Mounting the Transmitter:

- The transmitter can be mounted to any wall using the mounting bracket. (Figure 5)
- The mounting bracket is located on the back of the ERA-UTX and can be removed by simply sliding it off.
- Position the bracket were you would like it and place two screws in the holes provided. To place the ERA-UTX back simply slide it over the bracket.
- If mounting the ERA-UTX outdoors it is recommended to place the silicone plugs in the screw holes at the back of the case to prevent moisture from entering the case.

MOUNTING BRACKET

(Figure 5)

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 6)
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.

(Figure 6)

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.