Safeguard Supply ERA-UTDCR

Safeguard Supply ERA-UTDCR Wireless Door Chime System User Manual

Model: ERA-UTDCR

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your Safeguard Supply ERA-UTDCR Wireless Door Chime System. This system is designed for reliable long-range communication, suitable for various applications including homes, businesses, and industrial environments.

Key Features:

- **Extended Range:** Signal penetrates challenging environments such as reinforced concrete, metal, brick, and multiple walls or floors.
- **Dual-Function Transmitter:** Operates as a standard push button or a magnetic door/window contact sensor.
- **Expandable System:** Supports an unlimited number of transmitters paired to a single receiver.
- **Multiple Zones:** Receiver features 4 zones, allowing for distinct melodies per zone.
- **12VDC Outputs:** Equipped with four 12VDC outputs for integration with external accessories like strobes, buzzers, or sirens.
- **Adjustable Volume:** Sound level adjustable up to 95 decibels.

2. Setup

Follow these steps for the initial setup of your ERA-UTDCR Wireless Door Chime System.

2.1 Package Contents

Verify that your package contains the following components:

- ERA-UTDCR Receiver Unit
- ERA-UTDCR Transmitter Unit (with integrated push button and magnetic contact capability)
- Magnetic Contact (for door/window sensing)
- CR123A Battery (pre-installed in transmitter)



Image 1: Overview of the ERA-UTDCR Receiver, Transmitter, and Magnetic Contact.

2.2 Battery Installation (Transmitter)

The transmitter comes with a CR123A battery pre-installed. If replacement is needed:

1. Carefully open the transmitter casing.
2. Remove the old CR123A battery.
3. Insert a new CR123A battery, ensuring correct polarity.
4. Close the transmitter casing securely.

2.3 Mounting the Transmitter

The transmitter can be mounted as a push button or as a magnetic contact sensor.

- **As a Push Button:** Mount the transmitter unit at your desired entry point using screws or adhesive. Ensure it is easily accessible for visitors.
- **As a Magnetic Contact Sensor:** Mount the main transmitter unit on the door or window frame, and the smaller magnetic contact piece on the moving part of the door or window. Ensure the two pieces are aligned and within 1/2 inch of each other when the door/window is closed.



Image 2: ERA-UTDCR Transmitter and Magnetic Contact.

2.4 Receiver Placement

Plug the receiver into a standard 120V AC outlet in a central location where the chime can be easily heard. Consider the long-range capabilities when choosing a location, as the signal can penetrate multiple obstacles.

2.5 Pairing Transmitters to Receiver Zones

The ERA-UTDCR receiver supports up to four zones, allowing different chimes for different entry points. You can pair an unlimited number of transmitters to each zone.

1. Plug in the receiver.
2. Press and hold the desired zone button (Zone 1, 2, 3, or 4) on the receiver until the zone indicator light flashes.
3. Within 10 seconds, activate the transmitter (either press the push button or separate the magnetic contact).
4. The receiver will chime, and the zone indicator light will stop flashing, confirming successful pairing.
5. Repeat for additional transmitters or zones as needed.

3. Operating Instructions

Once set up, operating your ERA-UTDCR system is straightforward.

3.1 Activating the Chime

- **Push Button Mode:** Press the button on the transmitter. The receiver will sound the selected melody for the paired zone.
- **Magnetic Contact Mode:** When the magnetic contact separates (e.g., a door or window opens), the transmitter will activate, and the receiver will sound the selected melody for the paired zone.



Image 3: Door Contact Operation.



Image 4: Push Button Operation.

3.2 Adjusting Volume

The receiver features volume control buttons. Press the volume up (+) or volume down (-) buttons to adjust the sound level from mute to 95 decibels.

3.3 Selecting Melodies

Each zone on the receiver can be assigned one of 12 available melodies. Refer to the receiver's controls for melody selection specific to each zone.

3.4 Integrating 12VDC Accessories

The receiver includes four 12VDC outputs, one for each zone. These outputs can be used to connect external 12VDC accessories such as strobe lights, sirens, or buzzers. Consult the accessory's manual for specific wiring instructions and ensure compatibility with 12VDC output.

4. Maintenance

Regular maintenance ensures optimal performance and longevity of your ERA-UTDCR system.

4.1 Battery Replacement

The transmitter uses one CR123A battery. Replace the battery when the transmitter's indicator light no longer illuminates or if the signal range decreases significantly. Refer to Section 2.2 for battery installation steps.

4.2 Cleaning

Clean the exterior of the receiver and transmitter units with a soft, dry cloth. Do not use abrasive cleaners or solvents. Ensure no moisture enters the units.

4.3 Weather Resistance

The transmitter is designed to be heavy-duty and waterproof. However, for prolonged exposure to extreme weather conditions, consider additional protective measures to maximize its lifespan.

5. Troubleshooting

If you encounter issues with your ERA-UTDCR system, refer to the following common problems and solutions.

- **No Chime Sound:**
  - Ensure the receiver is plugged into a working power outlet.
  - Check the receiver's volume setting; it may be muted.
  - Verify the transmitter battery is not depleted.
  - Re-pair the transmitter to the desired zone (refer to Section 2.5).
- **Reduced Signal Range:**
  - Replace the transmitter battery.
  - Ensure there are no new large metal objects or dense structures placed between the transmitter and receiver that could interfere with the signal. While designed for long range and penetration, extreme obstructions can still impact performance.
  - Relocate the receiver to a more central position.
- **Magnetic Contact Not Triggering:**
  - Ensure the magnetic contact piece is aligned with the transmitter and within 1/2 inch when the door/window is closed.
  - Check the transmitter battery.
  - Re-pair the transmitter.
- **False Alarms:**
  - For magnetic contacts, ensure the magnetic piece is securely mounted and does not shift, causing accidental separation.
  - Check for environmental factors that might cause vibration or movement.

6. Specifications

Manufacturer	Safeguard Supply
Part Number	ERA-UTDCR

Item Model Number	ERA-UTDCR
Item Weight	0.32 ounces
Package Dimensions	7.64 x 6.3 x 2.48 inches
Batteries	1 CR123A battery required (included)
Voltage	120 Volts (Receiver)
Sound Level	Up to 95 Decibels
Battery Cell Type	Lithium Manganese Dioxide

7. Warranty Information

Specific warranty details for the Safeguard Supply ERA-UTDCR Wireless Door Chime System are typically provided with the product packaging or can be obtained directly from Safeguard Supply. Please retain your proof of purchase for warranty claims.

8. Support

For further assistance, technical support, or inquiries regarding your Safeguard Supply ERA-UTDCR Wireless Door Chime System, please contact Safeguard Supply directly. You may find additional resources and contact information on the official Safeguard Supply website or through their Amazon store page: Safeguard Supply Store.

Ask a question about this manual

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Example: How do I reset this device or fix this error?

Details

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