Safeguard Supply WDK-ERA-STROBE

Safeguard Supply WDK ERA STROBE Commercial Wireless Doorbell System

Model: WDK-ERA-STROBE - Instruction Manual

Introduction

The Safeguard Supply WDK ERA STROBE Commercial Wireless Doorbell System is designed to provide reliable door chime and entry alerts in demanding environments such as auto shops, large warehouses, offices, and studios. This system is particularly beneficial in noisy settings or for individuals with hearing impairments, thanks to its loud 95dB chime and integrated flashing strobe light. The long-range wireless signal is engineered to penetrate various obstacles including steel, reinforced concrete, metal, and multiple floors, ensuring comprehensive coverage across large areas.
The system offers flexibility with its ability to function as a standard doorbell push button or as a magnetic door contact sensor, alerting you when a door, gate, or window is opened. Its robust, IP55 waterproof-rated transmitter is built for commercial conditions and the receiver features a high-quality speaker with adjustable volume and multiple chime options. This kit is expandable, allowing for an unlimited number of transmitters and receivers to be paired, and includes 12VDC outputs for connecting additional accessories like sirens or buzzers.

What's in the Box

Upon unpacking your Safeguard Supply WDK ERA STROBE system, please ensure all the following components are present:

- Wireless Door Sensor Contact & Push Button (Transmitter)
- Plug-in Receiver
- Flashing Strobe Light
- Power Adapter for Receiver
- Wire for Strobe Connection
- Mounting Hardware (screws, anchors)
- CR123A Battery (included for transmitter)

- Instruction Manual



Image: All components included in the Safeguard Supply WDK ERA STROBE kit.

Setup

Follow these steps to set up your Safeguard Supply WDK ERA STROBE system:

1. **Transmitter Battery Installation:** The transmitter requires a CR123A battery. Carefully remove the back cover of the transmitter, insert the battery according to polarity markings, and reattach the cover.
2. **Receiver Power Connection:** Plug the power adapter into the receiver's power input port and then into a standard electrical outlet. A green indicator light on the receiver will illuminate, indicating it is powered on.
3. **Pairing Transmitter with Receiver:**
    - On the receiver, press and hold the 'Mode' button for approximately 2 seconds until you hear a short tone and the indicator lights begin to flash. This indicates the receiver is in pairing mode.
    - Within 10 seconds, activate the transmitter by either pressing its push button or separating the magnetic contact. You will hear another short tone from the receiver, confirming successful pairing.
    - Press and hold the 'Mode' button again until you hear a short tone to exit pairing mode.
4. **Strobe Light Wiring:**
    - Open the receiver's casing to access the internal wiring terminals.
    - Connect the red wire from the strobe light to the positive (+) terminal of the desired zone (e.g., Zone 1) and the striped wire to the negative (-) terminal of the same zone. Ensure a secure connection.
    - Close the receiver's casing.
5. **Mounting:** Before permanent mounting, test the system to ensure proper function and signal range. Mount the transmitter and receiver in desired locations using the provided hardware. The strobe light can be twisted onto its

mounting bracket after the bracket is secured to a wall.

Your browser does not support the video tag.

Video: A detailed demonstration and installation guide for the WDK-ERA-STROBE system, covering battery insertion, pairing, and wiring the strobe light.



Image: The ERA-UTX wireless transmitter, which can be used as a push button or with a magnetic contact.



Image: The ERA-DCRX plug-in receiver, showing its speaker and zone indicators.

Operating Instructions

Once your system is set up and paired, operating it is straightforward:

1. **Activating the Alert:** The system can be activated in two ways:
    - **Push Button:** Press the gray button on the ERA-UTX transmitter.
    - **Magnetic Contact:** If configured as a door/window sensor, separate the magnetic contact from the main transmitter unit.

    Upon activation, the receiver will sound the selected chime and the connected strobe light will flash.
2. **Adjusting Volume:** Use the 'Volume' button on the side of the receiver to cycle through different volume levels. Select the level appropriate for your environment.
3. **Changing Chime/Melody:** Use the 'Mode' button (short press) to cycle through the available chime melodies.
4. **Strobe Duration:** The duration for which the strobe light remains active can be adjusted on the receiver's internal circuit board (refer to the Setup section for wiring access). Options typically include 5 seconds, 10 seconds, 1 minute, or 2 minutes.



Image: A user activating the wireless doorbell by pressing the push button on the transmitter.

Maintenance

To ensure the longevity and optimal performance of your Safeguard Supply WDK ERA STROBE system, follow these maintenance guidelines:

- **Battery Replacement:** The transmitter uses one CR123A battery. If the transmitter's indicator light does not flash or the signal range decreases significantly, it may be time to replace the battery. To replace, carefully open the transmitter casing, remove the old battery, insert a new CR123A battery with correct polarity, and re-secure the casing.
- **Cleaning:** Periodically wipe down the exterior of the transmitter, receiver, and strobe light with a soft, dry cloth. Avoid using abrasive cleaners or solvents, as these can damage the unit's finish or internal components.
- **Environmental Considerations:** While the transmitter is IP55 rated for water resistance, avoid submerging it in water or exposing it to extreme temperatures for prolonged periods. Ensure the receiver and strobe light are installed in locations protected from direct moisture and excessive heat.

Troubleshooting

If you encounter issues with your WDK ERA STROBE system, refer to the following common problems and solutions:

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
Receiver does not chime or strobe does not flash when transmitter is activated.	• Transmitter battery is dead or incorrectly installed. • Transmitter and receiver are not paired. • Receiver is not powered. • Strobe light wires are loose or incorrectly connected. • Transmitter is out of range.	• Replace transmitter battery (CR123A) and check polarity. • Re-pair transmitter and receiver (refer to Setup section). • Ensure receiver power adapter is securely plugged into outlet and receiver. • Check strobe wiring connections to the receiver. • Move transmitter closer to the receiver to test range.
Short signal range or intermittent alerts.	• Obstructions (thick walls, metal structures) between transmitter and receiver. • Low transmitter battery. • Interference from other wireless devices.	• Relocate receiver or transmitter to minimize obstructions. • Replace transmitter battery. • Move system away from other strong wireless signals.
Strobe light flashes for incorrect duration.	Strobe duration setting on receiver is incorrect.	Adjust the DIP switch settings on the receiver's circuit board for the desired strobe duration (5s, 10s, 1min, 2min).
Receiver volume is too low or too high.	Volume setting is not adjusted.	Press the 'Volume' button on the side of the receiver to cycle through and select the desired volume level.

Specifications

Feature	Detail
Model Number	WDK-ERA-STROBE
Manufacturer	Safeguard Supply
Power Source	Battery Operated (Transmitter) & Plug-in Transformer (Receiver)
Transmitter Battery	1 CR123A (included)
Wireless Range	Up to 4000 feet (3/4 mile)
Sound Level	Up to 95dB (adjustable)
Strobe Light	Flashing 12VDC LED (adjustable duration)
Transmitter Rating	IP55 Waterproof
Installation Method	Multi-purpose (door contact, push button)
Certifications	UL Listed

Feature	Detail
Item Weight	0.32 ounces
Package Dimensions	12.68 x 9.88 x 3.31 inches

Warranty and Support

For warranty information, technical support, or any questions regarding your Safeguard Supply WDK ERA STROBE Commercial Wireless Doorbell System, please contact Safeguard Supply directly. Refer to the product packaging or the official Safeguard Supply website for the most current contact details and warranty terms.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

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Question

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

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question