

ZFD 85A

ZFD Model 85A AM58Khz Retail Anti-Theft Wrap Security Tag

Instruction Manual

1. INTRODUCTION

The ZFD Model 85A is a robust anti-theft security tag designed for retail merchandise, particularly for items packaged in boxes. This wrap security tag features a durable metal lanyard and a dual alarm system to enhance protection against theft. It is compatible with AM58Khz Electronic Article Surveillance (EAS) systems.



Image 1.1: Overview of the ZFD Model 85A Anti-Theft Wrap Security Tag and its application on packaged goods.

2. KEY FEATURES

- **Integrated Metal Lanyard:** Equipped with a 33.46-inch (approximately 85 cm) metal lanyard, suitable for securing various box-packed merchandise.
- **Dual Alarm System:**
 - Triggers sound and light alarms from compatible AM58Khz security sensors when detected.
 - Activates an internal alarm if the metal lanyard is cut, providing an additional layer of security.
- **AM58Khz Frequency:** Designed for seamless integration with existing AM58Khz EAS systems.
- **Reusable Design:** The hard security tag is designed for multiple uses, offering a cost-effective security solution.

3. SETUP AND APPLICATION

To effectively secure merchandise using the ZFD Model 85A wrap security tag, follow these steps:

1. **Prepare Merchandise:** Ensure the item to be secured is properly packaged in a box or similar

container.

2. **Position the Tag:** Place the main body of the security tag on a flat surface of the merchandise package.
3. **Wrap the Lanyard:** Carefully wrap the 33.46-inch metal lanyard around the merchandise package. Ensure the lanyard is snug but does not damage the packaging or product. The lanyard should pass through the designated slots on the tag body.
4. **Secure the Lanyard:** Insert the end of the lanyard into the locking mechanism on the tag body until it is firmly secured. The tag should be difficult to remove without specialized tools.



Image 3.1: Demonstration of the 33.46-inch metal lanyard length for securing merchandise.



Image 3.2: Example of the ZFD Model 85A security tag correctly applied to a retail product box.

4. OPERATION

The ZFD Model 85A security tag operates by interacting with an AM58Khz EAS system and through its internal cut-lanyard alarm.

- **EAS System Interaction:** When a secured item passes through an AM58Khz security gate or sensor, the tag will trigger an audible and visual alarm from the sensor system.
- **Lanyard Cut Alarm:** If the metal lanyard is tampered with or cut, the tag itself will activate an internal sound and light alarm, providing immediate notification of a potential theft attempt.

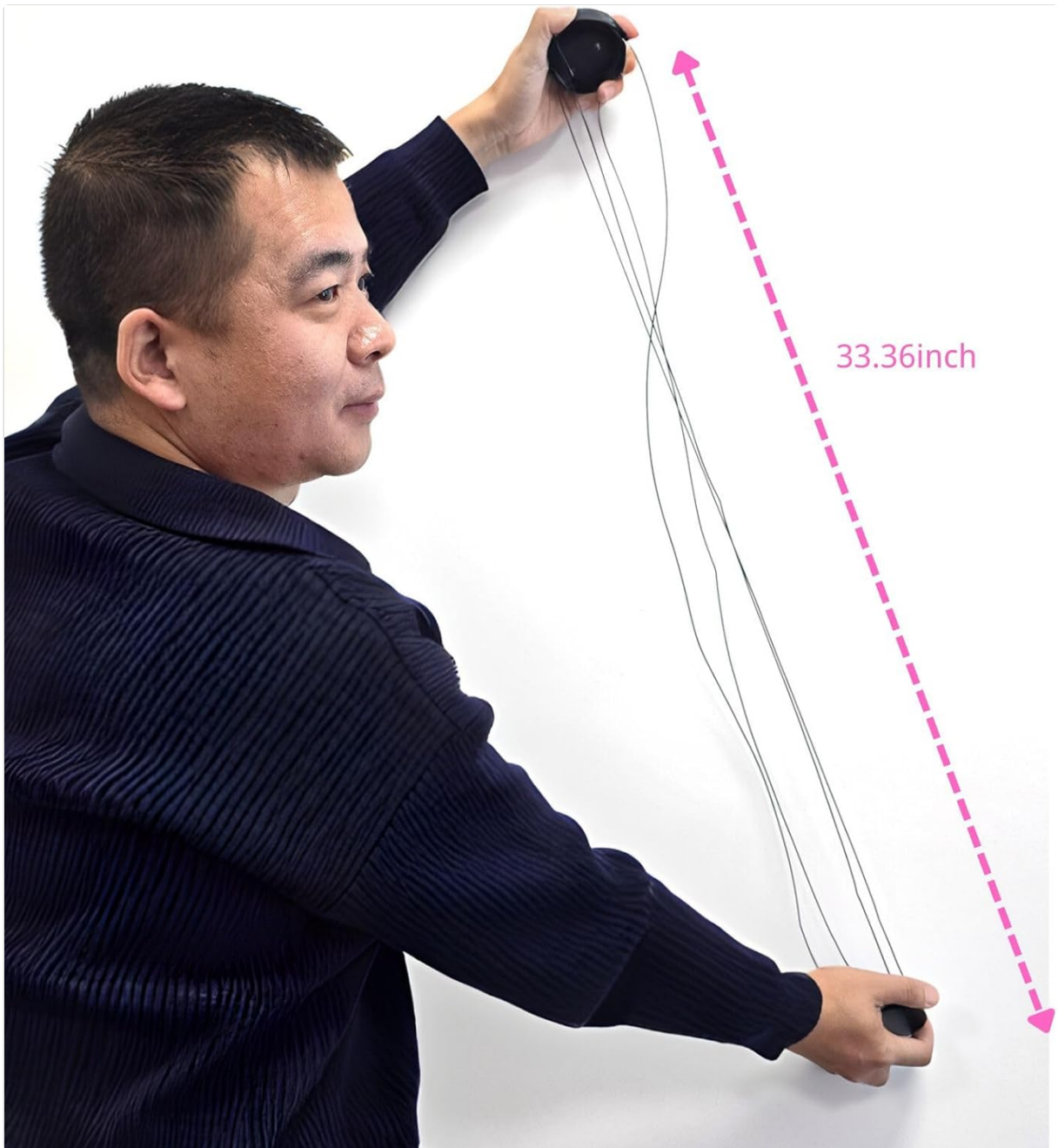


Image 4.1: Diagram illustrating the AM58Khz frequency compatibility and interaction with EAS security gates.

5. MAINTENANCE

The ZFD Model 85A security tag is designed for durability and reusability. To ensure optimal performance and longevity:

- **Cleaning:** Wipe the tag with a soft, dry cloth to remove dust or dirt. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store tags in a clean, dry environment when not in use.
- **Battery:** The tag includes 1 CR2 battery. Replace the battery as needed to ensure the lanyard cut alarm function remains active.

6. TROUBLESHOOTING

Tag Not Alarming with EAS System

- **Frequency Mismatch:** The most common reason for a tag not alarming is an incompatibility with the EAS system's frequency. The ZFD Model 85A operates on AM58Khz. Ensure your security sensors are also AM58Khz. If your system operates on a different frequency (e.g., RF8.2Mhz), this tag will not trigger an alarm.
- **Sensor Placement:** Verify that the security sensors are correctly installed and calibrated according to their manufacturer's instructions.
- **Tag Placement:** Ensure the tag is properly applied to the merchandise and is not obstructed by other materials that could interfere with the signal.

Lanyard Cut Alarm Not Functioning

- **Battery Check:** The internal alarm requires a functional battery. Check if the CR2 battery needs replacement.
- **Lanyard Connection:** Ensure the lanyard is correctly inserted and locked into the tag's mechanism. A loose connection may prevent the alarm from activating.

7. SPECIFICATIONS

Attribute	Detail
Brand	ZFD
Model Number	85A
Frequency	AM58Khz
Lanyard Length	33.46 inches (approx. 85 cm)
Color	Black
Shape	Round
Item Weight	Approximately 2.27 pounds (for 10 pieces)
Batteries Required	1 CR2 (included)
Package Quantity	10 pieces per box

8. WARRANTY AND SUPPORT

For information regarding warranty, returns, or technical support for your ZFD Model 85A Anti-Theft Wrap Security Tags, please refer to the retailer's policy or contact ZFD customer service directly through their official channels. Keep your purchase receipt for any warranty claims.