Satisure YB 1T1

Satisure Wireless Motion Sensor Alert System User Manual

Model: YB 1T1

1. INTRODUCTION

The Satisure Wireless Motion Sensor Alert System is designed to provide reliable security and convenience by detecting movement and alerting users. This system is suitable for various applications, including homes, offices, stores, garages, driveways, and mailboxes. It offers a flexible and expandable solution for monitoring entry and exit points.

2. PRODUCT COMPONENTS

The Satisure Wireless Motion Sensor Alert System typically includes the following main components:

- **Motion Sensor (Transmitter):** This unit detects movement using infrared technology and sends a wireless signal.
- **Plug-in Receiver (Chime Unit):** This unit receives signals from the motion sensor and produces an audible alert and visual LED indication.

Image: The Satisure Wireless Motion Sensor Alert System, featuring the black plug-in receiver on the left and the black motion sensor on the right, both accented with blue LED lights.

3. KEY FEATURES

The Satisure Wireless Motion Sensor Alert System offers a range of features designed for effective monitoring and user convenience:

- **Wireless Motion Detection:** Alerts you when people enter or leave a monitored area.
- **Wide Detection Range:** Detects movement up to 16.5 feet with a 110-degree angle.
- **Extended Operating Range:** Transmits signals to receivers within a 500-foot operating range.
- **Multiple Chimes & Volume Levels:** Features 58 selectable chimes and 5 adjustable sound levels.
- **LED Indicator:** Both the receiver and transmitter include LED indicators for visual alerts, beneficial for the hearing impaired.
- **Mute Mode:** Option to silence the chime while retaining visual alerts.
- **USB Rechargeable Sensor:** The motion sensor is battery-powered and can be recharged via USB.
- **Easy Installation:** Designed for quick and straightforward setup in various locations.

- **Expandable System:** Multiple motion sensors and receivers can be paired to create a comprehensive security system.

Image: Visual representation of the receiver's capabilities, highlighting 5 sound levels, 58 ringtones, an LED indicator for visual alerts, and a 500ft working range.

4. SETUP AND INSTALLATION

4.1 Motion Sensor (Transmitter)

1. **Install Batteries:** Open the battery compartment of the motion sensor and insert the required batteries (not included). Ensure correct polarity.

2. **Mounting:** Choose a suitable location for the motion sensor. It can be mounted on a wall using screws. The sensor features a rotating bracket allowing 360-degree rotation, 90-degree swivel, and 90-degree tilt for optimal positioning. Ensure the sensor eye has a clear line of sight to the area you wish to monitor.

3. **Power On:** Remove any insulating paper from the battery compartment (if present) and push the power button to activate the sensor.

Image: Detailed view of the PIR sensor and receiver, including their dimensions and key functional parts like the sensor eye, battery compartment, LED indicator, and control buttons.

Image: Illustration of the motion sensor's rotating bracket, demonstrating its 360-degree rotation, 90-degree swivel, and 90-degree tilt capabilities for versatile installation.

4.2 Plug-in Receiver (Chime Unit)

1. **Plug In:** Insert the receiver into a standard electrical outlet.

2. **Pairing (if necessary):** If the receiver and sensor are not pre-paired or if you are adding new components:
   a. Press and hold the ringtone selection button and volume up/down buttons on the receiver simultaneously. The indicator light will blink rapidly.
   b. Quickly press the push button on the transmitter (motion sensor) to send a signal.
   c. Shake your hand in front of the sensor eye. If pairing is successful, the receiver will play the selected ringtone.

Image: A visual guide demonstrating the installation process, from battery insertion and wall mounting to powering on the sensor and pairing it with the receiver.

5. OPERATING INSTRUCTIONS

5.1 Adjusting Chime and Volume

- **Ringtone Selection:** Use the dedicated button on the receiver to cycle through the 58 available chimes.
- **Volume Adjustment:** Use the volume up and down buttons on the receiver to select one of the 5 sound levels.

5.2 Mute Mode and LED Indicator

- The receiver features an LED indicator that flashes when motion is detected, providing a visual alert.
- You can choose to mute the ringtone while keeping the LED indicator active, which is useful for quiet environments or for users with hearing impairments.

6. MAINTENANCE

- **Battery Replacement:** When the motion sensor's battery is low, replace it promptly or recharge it via the USB port.
- **Cleaning:** Periodically wipe the sensor eye and receiver with a soft, dry cloth to ensure optimal performance. Avoid using harsh chemicals or abrasive materials.
- **Environmental Considerations:** Ensure the motion sensor is not exposed to direct sunlight, extreme temperatures, or heavy rain, as these can affect its performance and lifespan.

7. TROUBLESHOOTING

- **No Alert When Motion Detected:**
  a. Check if the motion sensor has power (batteries installed correctly, charged).
  b. Ensure the receiver is plugged in and powered on.
  c. Verify that the sensor and receiver are properly paired. Refer to Section 4.2 for pairing instructions.
  d. Check the distance between the sensor and receiver; ensure it is within the 500ft operating range and that there are no excessive obstructions (thick walls, metal structures).

- **False Alarms:**
  a. Reposition the motion sensor to avoid detecting pets, moving branches, or direct sunlight.
  b. Ensure the sensor is not placed near heat sources or air vents that could cause temperature fluctuations.

- **Short Operating Range:**
  a. Ensure there are no significant obstacles (e.g., multiple thick walls, large metal objects) between the sensor and receiver.
  b. Check for potential interference from other wireless devices.
  c. Replace or recharge the sensor's batteries.

- **Receiver Not Chiming/LED Not Flashing:**
  a. Check if the receiver is plugged into a working power outlet.
  b. Ensure the volume is not set to mute or the lowest level.
  c. Re-pair the sensor and receiver.

8. SPECIFICATIONS

Feature	Specification

Brand	Satisure
Model Number	YB 1T1
Color	Black
Power Source (Sensor)	Battery Powered (USB Rechargeable)
Maximum Range (Wireless)	500 Feet
Motion Detection Range	16.5 Feet
Motion Detection Angle	110 Degrees
Chimes	58 Melodies
Sound Levels	5 Levels
Mounting Type	Protruding (Screw-In)
Recommended Uses	Indoor/Outdoor
Product Dimensions	3.15 x 1.57 x 0.39 inches (approximate for sensor)
Item Weight	6.3 ounces

9. WARRANTY AND SUPPORT

The Satisure Wireless Motion Sensor Alert System comes with a **1-year warranty** from the date of purchase. If you encounter any quality problems or require assistance with your product, please reach out to Satisure customer service for after-sales support. Contact information can typically be found on the product packaging or the official Satisure website.

Related Documents

[Satisure Wireless Door Chime B14-N05 User Manual](#)
Comprehensive user manual for the Satisure Wireless Door Chime B14-N05, detailing features, specifications, installation, operation, and troubleshooting for this easy-to-use security product.