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› Solar Sound & Light Alarm Motion Sensor Instruction Manual

Comboss wl0286

Comboss Solar Sound & Light Alarm Motion Sensor Instruction Manual

Brand: Comboss | Model: wl0286

1. PRODUCT OVERVIEW

The Comboss Solar Sound & Light Alarm Motion Sensor is a versatile security device designed to deter intruders and unwanted animals using a combination of loud siren sounds and flashing lights. It is ideal for securing homes, farms, villas, and other outdoor areas. This device is solar-powered for eco-friendly operation and includes a backup USB charging option.



Figure 1: The Comboss Solar Sound & Light Alarm Motion Sensor. This image displays a pack of ten red alarm units, each featuring a solar panel on top and a motion sensor on the front. The units are designed for outdoor security applications.

2. SETUP GUIDE

2.1 Initial Charging

Before first use, it is recommended to fully charge the alarm unit. While primarily solar-powered, the device includes a USB charging port for initial charging or for use during prolonged periods of cloudy weather. Use the provided USB cable to charge the unit to 100% capacity.

2 Charging Modes

Solar Charging

Install it outdoors, charging by sunlight.



DC Charging

On cloudy and rainy days, we can charge by DC charging to ensure that there is sufficient power to work



Figure 2: Two Charging Modes. This image illustrates the dual charging capabilities of the alarm: solar charging by installing it outdoors in sunlight, and DC charging via a USB cable for use on cloudy or rainy days to ensure continuous operation.

2.2 Mounting and Placement

The alarm unit is designed for easy installation. It features mounting holes on the back for wall mounting. For optimal performance, place the unit in an area that receives direct sunlight throughout the day to ensure efficient solar charging. The motion sensor detects movement within a range of 5-8 meters and has a sensing angle of 125 degrees. Position the alarm to cover the desired security area effectively.

Solar Alarm Lamp

Watching the house and protecting the courtyard
effectively prevent illegal invasion



Figure 3: Solar Alarm Lamp in Use. This image shows the solar alarm lamp mounted on the exterior of a house, demonstrating its use for watching the house and protecting the courtyard by effectively preventing illegal invasion.



Figure 4: Motion Sensor Alarm Siren. This diagram illustrates the sensing capabilities of the alarm, showing a sensing angle of 125 degrees and a sensing distance of 5-8 meters. When a moving object is detected within this area, the alarm will automatically activate.

3. OPERATING MODES

The Comboss Solar Sound & Light Alarm offers four flexible operating modes to suit various security needs:

- **Mode 1: Full Day Flash/Alarm** - The alarm will flash and sound when motion is detected, operating 24 hours a day.
- **Mode 2: Full Day Flash Only** - The alarm will only flash when motion is detected, operating 24 hours a day, without sound.
- **Mode 3: Night Flash/Alarm** - The alarm will flash and sound when motion is detected, operating only during nighttime hours.
- **Mode 4: Night Flash Only** - The alarm will only flash when motion is detected, operating only during nighttime hours, without sound.

3.1 Mode Selection

To select an operating mode, press the power button located on the back of the unit. Each press cycles through the modes. After selecting a mode, the unit will flash for approximately 8 seconds to indicate

activation of the chosen mode.

EASY TO USE

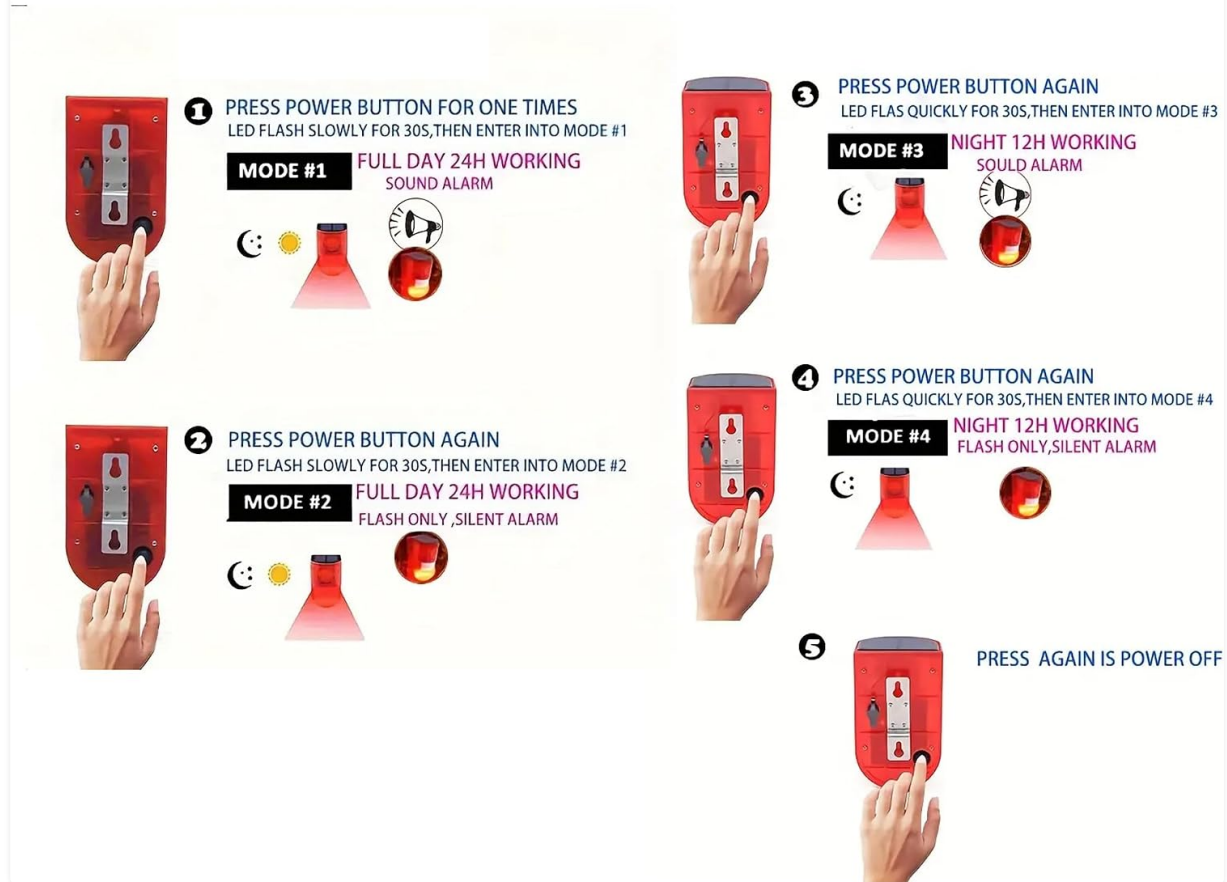


Figure 5: Easy to Use Mode Selection. This diagram illustrates the simple process of selecting operating modes by repeatedly pressing the power button. It shows the sequence for activating Full Day Sound/Alarm, Full Day Flash Only, Night Sound/Alarm, and Night Flash Only modes.

4 Working Modes

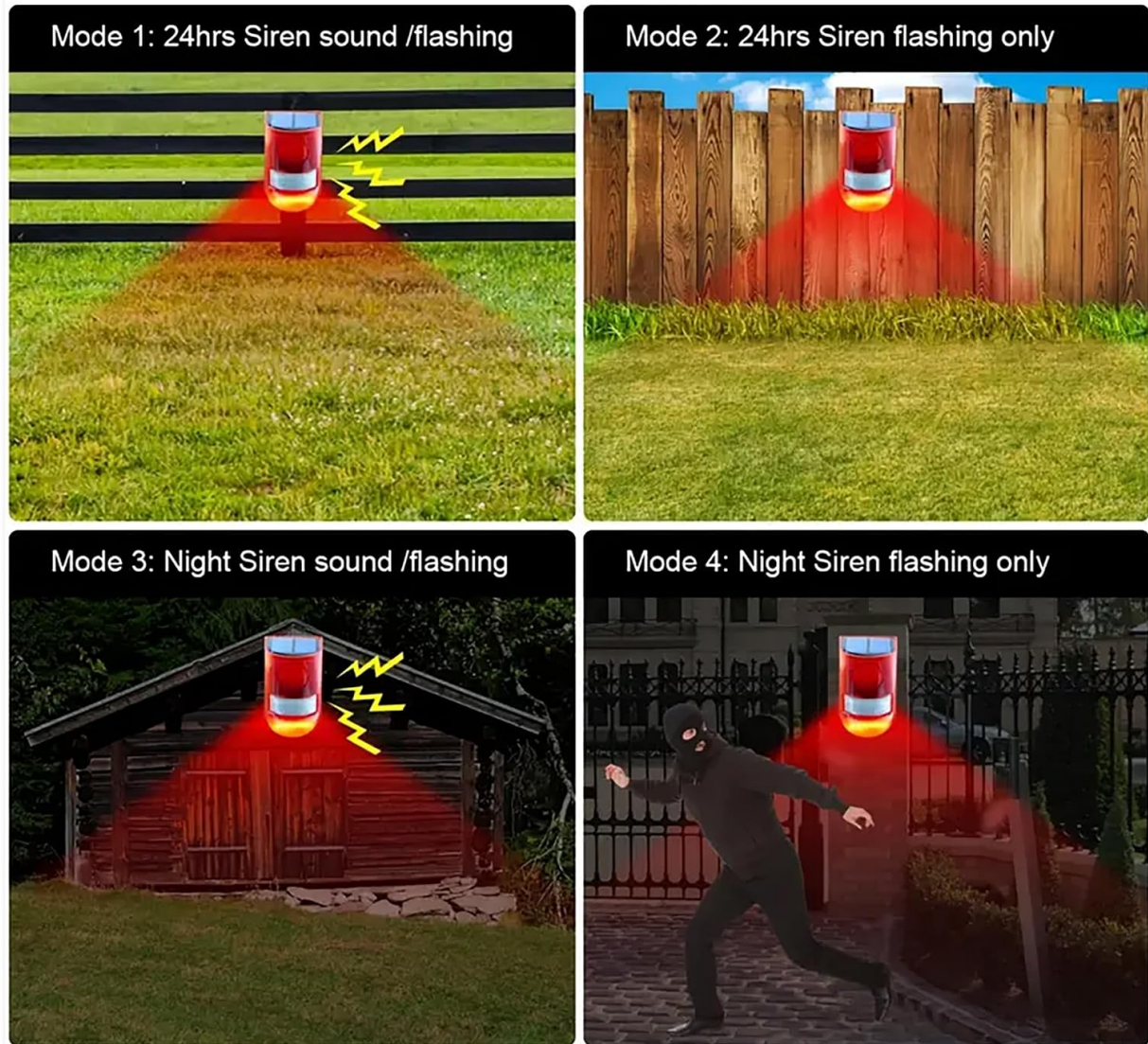


Figure 6: Four Working Modes. This illustration visually represents the four distinct operating modes of the alarm: 24-hour siren sound/flash, 24-hour siren flashing only, night siren sound/flash, and night siren flashing only, demonstrating their application in different scenarios.

Video 1: Solar Outdoor Motion Sensor Alarm. This video demonstrates the functionality and features of the Comboss Solar Outdoor Motion Sensor Alarm, including its motion detection and alarm activation.

4. MAINTENANCE

To ensure the longevity and optimal performance of your Comboss Solar Sound & Light Alarm, follow these maintenance guidelines:

- **Clean Solar Panel:** Regularly wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may hinder charging efficiency.
- **Check Motion Sensor:** Ensure the motion sensor lens is clean and free from obstructions (e.g., spiderwebs, leaves) that could interfere with detection.
- **Battery Care:** The unit contains a Lithium Polymer battery. While solar charging is primary, if the unit experiences prolonged periods without sufficient sunlight, use the provided USB cable to recharge the battery to maintain functionality.
- **Weather Protection:** The device is designed with an IP55 weather-resistant rating, making it suitable for outdoor use in various weather conditions. However, avoid submerging the unit in water.

Weather proof IP55 use for outdoor



Figure 7: Weatherproof IP55 for Outdoor Use. This image demonstrates the alarm's durability and weather resistance, showing it installed outdoors and capable of withstanding rain, confirming its IP55 rating.

5. TROUBLESHOOTING

If you encounter issues with your alarm system, refer to the following table for common problems and solutions:

Problem	Possible Cause / Solution
Alarm not activating upon motion detection.	• Ensure the unit is sufficiently charged. • Verify the selected operating mode (e.g., Mode 1 or 3 for sound/flash). • Check for obstructions in front of the motion sensor. • Confirm the motion is within the 5-8 meter detection range and 125-degree angle.

Problem	Possible Cause / Solution
Alarm not charging via solar panel.	• Ensure the solar panel is clean and free of dirt or debris. • Relocate the unit to an area with more direct sunlight. • If prolonged cloudy weather, use the USB charging option.
Siren sound is too low or not present.	• Ensure Mode 1 or Mode 3 (with alarm) is selected. • Check for any physical obstructions covering the speaker. • Confirm the unit is fully charged.
Flashing light is not working.	• Ensure any of the four modes are selected. • Confirm the unit is fully charged. • Check for physical damage to the LED lights.

6. PRODUCT SPECIFICATIONS

- **Model Number:** wl0286
- **Brand:** Comboss
- **Power Source:** Solar Powered
- **Battery:** 1 Lithium Polymer battery (included)
- **Mounting Type:** Wall Mount
- **Maximum Motion Detection Range:** 8 Meters
- **Product Dimensions:** 2.7"L x 2.7"W x 4.7"H
- **Item Weight:** 3.65 pounds (for 10-pack)
- **Included Components:** Solar Sound & Light Alarm Motion Sensor, USB Cable, Installation Kit
- **Weather Resistance:** IP55 Rated

7. WARRANTY AND SUPPORT

For specific warranty information and customer support, please refer to the documentation provided with your purchase or contact the manufacturer directly. General support inquiries can often be resolved by reviewing the troubleshooting section or visiting the official Comboss store online.

Visit the [Comboss Store](#) for more products and information.