

[Manuals.plus](#) /

> [Comboss](#) /

> [Comboss Solar Sound & Light Alarm Motion Sensor User Manual](#)

Comboss COM-911BW

Comboss Solar Sound & Light Alarm Motion Sensor User Manual

Model: COM-911BW

PRODUCT OVERVIEW

The Comboss Solar Sound & Light Alarm Motion Sensor is a wireless, weatherproof, and energy-efficient security solution designed for outdoor use. It effectively deters intruders and animals from properties such as homes, warehouses, farms, and construction sites by emitting a loud alarm and strobe light upon motion detection.

Key Features:

- **Solar-Powered:** Utilizes sunlight for continuous operation, minimizing the need for battery changes.
- **Loud 129dB Alarm:** Features a powerful siren to effectively deter unwanted presence.
- **PIR Motion Detection:** Detects movement within a range of 5-8 meters and a sensing angle of 125°.
- **IP65 Weatherproof:** Constructed from high-quality ABS plastic, designed to withstand various weather conditions including rain and dust.
- **Easy Installation:** No complex wiring required; can be mounted on posts, fences, trees, or walls.
- **Low Maintenance:** Automatic charging ensures 24/7 protection with minimal user intervention.



Image: The Comboss Solar Sound & Light Alarm Motion Sensor, showing the main unit, a remote control, and a USB charging cable.

Solar outdoor motion sensor



Image: Illustration of the solar outdoor motion sensor emitting alarm rays, with various animals (bear, wildcat, boar, eagle, deer, squirrel, groundhog, raccoon) crossed out, indicating its animal deterrent function.

SETUP AND INSTALLATION

The Comboss Solar Sound & Light Alarm is designed for straightforward installation and flexible power options.

Charging the Device

Before first use, ensure the device is adequately charged. It supports two charging methods:

1. **Solar Charging:** Install the device outdoors in direct sunlight. The solar panel on top will automatically charge the internal battery. For the initial charge, expose it to direct sunlight for 4-6 hours.
2. **DC Charging (USB):** On cloudy days or if immediate power is needed, use the provided USB cable to charge the device via a DC power source.

2 CHARGING MODES

Solar charging

Installed outdoors and charged by sunlight



DC charging

On rainy days, direct current can be used for charging to ensure there is sufficient power for operation.



Image: Depicts the two charging methods: solar charging with the device mounted on a wooden post outdoors, and DC charging with the device connected to a wall adapter via USB cable indoors.

Mounting the Alarm

The alarm can be easily mounted in various outdoor locations:

- **Location:** Choose a location with ample direct sunlight for optimal solar charging.
- **Mounting Surfaces:** Suitable for posts, fences, trees, or walls.
- **Height:** Adjust the mounting height between 1 to 8 feet for optimal motion detection and sound dispersion.
- **Tools:** No special wiring tools are needed. Use appropriate screws or mounting hardware for your chosen surface.

OPERATING MODES

The Comboss Solar Sound & Light Alarm offers four distinct working modes, selectable via the included remote control, to suit various security needs. The remote control has four buttons: A, B, C, and D, corresponding to the four modes.

4 WORKING MODES

Mode A: 24H induction, 13 kinds of alarm sounds play in a loop and flash



Mode B: 24-hour induction with only flashing, no alarm sound.



Mode C: Induction at night, 13 kinds of alarm sounds play in a loop and flash



Mode D: Induction at night, only flashing, no alarm sound.



Image: Illustrates the four working modes with examples of animals (coyote, deer, fox, rabbit) triggering the alarm in different settings.

1. Mode A: 24H Induction (Sound & Flash)

This mode provides continuous protection throughout the day and night. When motion is detected, the alarm will play one of 13 different alarm sounds in a loop and simultaneously activate the strobe light. This mode is ideal for active deterrence against both human intruders and animals at any time.

2. Mode B: 24H Induction (Flash Only)

In this mode, the device operates 24 hours a day. Upon motion detection, only the strobe light will activate, without any accompanying sound. This is suitable for areas where a silent visual deterrent is preferred, or to avoid disturbing neighbors with loud sounds.

3. Mode C: Night Induction (Sound & Flash)

This mode is specifically designed for nighttime security. The alarm will only activate when motion is detected during dark hours, playing one of the 13 alarm sounds in a loop and flashing the strobe light. This conserves battery during daylight hours and focuses deterrence when it's most needed.

4. Mode D: Night Induction (Flash Only)

Similar to Mode C, this mode activates only at night upon motion detection. However, it will only trigger the strobe light, without any sound. This is useful for discreet nighttime visual deterrence in sensitive areas.

Alarm Sounds

The alarm is equipped with 13 distinct sounds to provide varied deterrence:

- Barking Dog
- Gunshot
- Wolf Howl
- Gong Sound
- Eagle Calls
- Firecrackers
- Lion Roar
- Pig Screaming
- Explosion
- Di Sound
- Car Speaker
- Alarm
- Bell/Siren

13 SOUND LOUD NOISE MAKER

Equipped with 13 sounds: Barkingdog&gunshot/
Wolf howl/Gongsound/Eagle calls/Firecrackers/
lionroar/Pig screaming/Explosion/Di disound/
Car speaker/Alarm/Bell/Siren



Image: Shows two solar alarms mounted on a fence, with a rabbit and two deer in a grassy field, illustrating the use of the alarm's sound features to deter animals.

Motion Detection Range

The PIR motion sensor has a sensing angle of 125° and a detection range of 5-8 meters. Ensure the area you wish to protect falls within this range for effective operation.

Motion Sensor Alarm Siren



Image: Diagram illustrating the motion sensor's 125° sensing angle and 5-8 meter detection distance, showing a person triggering the alarm near a fence.

MAINTENANCE

The Comboss Solar Sound & Light Alarm is designed for low maintenance due to its solar charging capability and durable construction.

- **Cleaning:** Periodically wipe the solar panel and sensor lens with a soft, damp cloth to remove dust, dirt, or debris that may obstruct sunlight or motion detection. Do not use abrasive cleaners.
- **Battery:** The device includes a Lithium Polymer battery (1 AAA equivalent). With solar charging, it is designed for continuous operation. If the device is stored for an extended period, ensure it is fully charged before redeploying.
- **Weather Resistance:** The IP65 waterproof rating ensures protection against rain and dust. However, avoid submerging the device in water.

TROUBLESHOOTING

If you encounter issues with your Comboss Solar Sound & Light Alarm, consider the following common solutions:

- **Alarm Not Activating:**

- Ensure the device is sufficiently charged. Expose it to direct sunlight for several hours or charge via USB.
- Verify that the motion sensor lens is clean and unobstructed.
- Check the selected operating mode (A, B, C, or D) using the remote control. Ensure it's set to a mode that includes sound and/or flash as desired.
- Confirm that the motion is within the 5-8 meter detection range and 125° sensing angle.

- **Alarm Sounds Too Low or No Sound:**

- Ensure the device is not in Mode B or Mode D, which are flash-only modes.
- Check for any physical obstructions around the speaker.

- **Strobe Light Not Flashing:**

- Ensure the device is not in a mode that disables flashing (all modes A, B, C, D include flashing).
- Verify sufficient charge.

- **Remote Control Not Working:**

- Ensure the remote control's battery is functional.
- Point the remote directly at the alarm unit within a reasonable distance.

PRODUCT SPECIFICATIONS

Feature	Specification
Model Number	COM-911BW
Brand	Comboss
Power Source	Solar Powered, USB DC Charging
Voltage	12 Volts (DC)
Battery Type	Lithium Polymer (1 AAA equivalent included)
Control Method	Remote
Mounting Type	Wall Mount
Sensor Technology	Motion (PIR)
Sensing Angle	125°
Maximum Range	8 Meters (approx. 26 feet)
Alarm Loudness	129dB
Weatherproof Rating	IP65
Item Weight	7.8 ounces
Product Dimensions	2.5 x 3.9 x 2.7 inches

Included Components

Solar Motion Sensor Alarm, Remote Control, USB Charging Cable

WARRANTY AND RETURNS

This product is subject to a 30-day refund/replacement return policy from the date of purchase. For specific warranty details and to initiate a return or replacement, please refer to the retailer's return policy or contact the seller directly.

CUSTOMER SUPPORT

For any questions, technical assistance, or support regarding your Comboss Solar Sound & Light Alarm Motion Sensor, please contact the seller, Comboss Direct, through the platform where the product was purchased. You can typically find seller contact information on your order details page.

Application Scenario

Suitable for courtyards, orchards, construction sites, farms, warehouses and other places that require security alarms and the ability to drive away wild animals

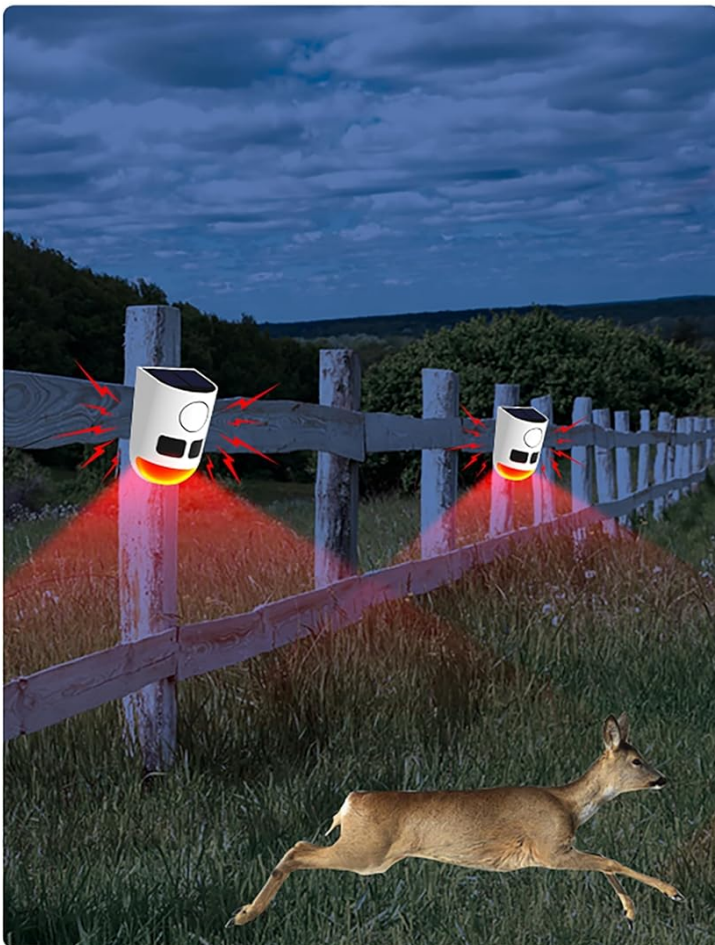


Image: Various application scenarios for the solar alarm, including deterring wild boars in an orchard, foxes and deer near a fence, and a human intruder near a building, highlighting its versatility.

