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› **Comboss Solar Motion Sensor Alarm - User Manual**

Comboss COM-911BW

Comboss Solar Motion Sensor Alarm User Manual

Model: COM-911BW

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1. INTRODUCTION

Thank you for choosing the Comboss Solar Motion Sensor Alarm. This device is designed to provide effective and eco-friendly security for your outdoor spaces. Utilizing solar power, it offers a wireless solution to deter unwanted animals and potential intruders with its powerful 129dB siren and bright strobe light. Its robust, waterproof design ensures reliable performance in various weather conditions. Please read this manual carefully to ensure proper installation and operation of your new security alarm.



This image displays two white Comboss Solar Motion Sensor Alarms, each featuring a solar panel on top, a motion sensor lens, and a red siren light at the bottom. Two compact black remote controls are also shown below the alarms.

2. PRODUCT FEATURES

- **Animal Protection:** Features a 125° sensing angle and 5-8 meter detection range, emitting a 129dB loud sound and strobe LED light to deter animals like deer, dogs, bears, raccoons, and coyotes.
- **Versatile Operating Modes:** Offers four distinct working modes for various needs:
 - **Mode A:** 24-hour induction with 13 looping alarm sounds and flashing light.
 - **Mode B:** 24-hour induction with flashing light only (no sound).
 - **Mode C:** Night-time induction with 13 looping alarm sounds and flashing light.
 - **Mode D:** Night-time induction with flashing light only (no sound).
- **IP65 Waterproof and Durable:** Constructed from high-quality ABS plastic with an IP65 rating, ensuring resistance to rain, dust, and extreme temperatures.

- **Easy Installation:** No wiring required; simply mount on posts, fences, trees, or walls at adjustable heights (1 to 8 feet).
- **Continuous Operation:** Dual power supply via solar charging and USB ensures year-round functionality.

Solar outdoor motion sensor



An illustration of the Comboss Solar Motion Sensor Alarm emitting red lightning bolts, symbolizing its alarm and light functions. Below the alarm, icons of various animals such as bears, wild boars, birds, deer, raccoons, and groundhogs are shown with a red 'X' over them, indicating the device's purpose to deter these animals.

3. PACKAGE CONTENTS

Please check the package for the following items:

- 2 x Comboss Solar Motion Sensor Alarms
- 2 x Remote Controls
- 1 x USB Charging Cable

- Mounting Hardware (screws, wall anchors)
- 1 x User Manual

4. SETUP AND INSTALLATION

4.1 Initial Charging

Before first use, it is recommended to fully charge the alarm. You can do this via:

- **Solar Charging:** Place the alarm in direct sunlight for 4-6 hours. The solar panel will automatically charge the internal battery.
- **USB Charging:** Connect the provided USB charging cable to the alarm's charging port and a 5V USB power adapter (not included). The charging indicator light will illuminate and turn off when fully charged.



This image shows the two charging methods for the alarm. On the left, an alarm is mounted on a wooden post in a sunny field, labeled 'Solar charging,' indicating it's installed outdoors and charged by sunlight. On the right, the back of the alarm is shown

connected to a wall adapter via a USB cable, labeled 'DC charging,' explaining that direct current can be used for charging on rainy days to ensure continuous power.

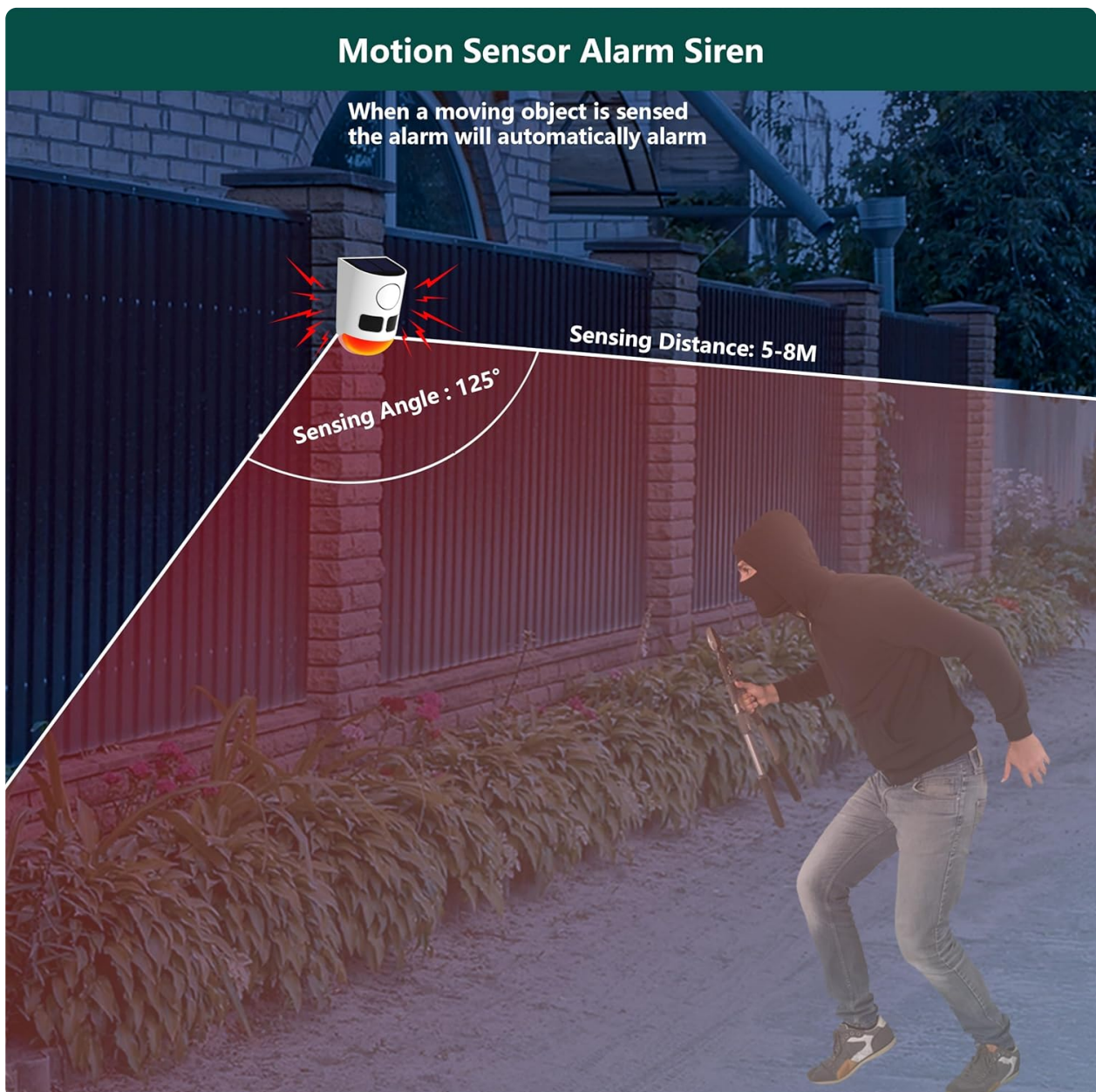
4.2 Mounting Location

Choose a location that receives ample direct sunlight for optimal solar charging. Consider the following:

- **Height:** Mount the alarm at an adjustable height between 1 to 8 feet (0.3 to 2.4 meters) for best detection results.
- **Detection Area:** Ensure the motion sensor has a clear line of sight to the area you wish to protect, within its 125° sensing angle and 5-8 meter range. Avoid obstructions like dense foliage or large objects.
- **Stability:** Choose a stable surface such as a post, fence, tree, or wall.

4.3 Installation Steps

1. Mark the desired mounting points on the surface using the alarm's mounting holes as a template.
2. Drill pilot holes if necessary.
3. Secure the alarm to the surface using the provided screws and wall anchors.
4. Ensure the solar panel faces upwards to maximize sun exposure.



An illustration showing the Comboss Solar Motion Sensor Alarm mounted on a wall, with a sensing angle of 125 degrees and

a sensing distance of 5-8 meters. A person is depicted within the detection zone, demonstrating how the alarm automatically activates when motion is sensed.

5. OPERATING INSTRUCTIONS

The Comboss Solar Motion Sensor Alarm is controlled primarily by the included remote control. The unit itself has a power button that beeps when toggled.

5.1 Remote Control Functions

The remote control allows you to select between four different operating modes:

- **Button A:** Activates Mode A (24-hour induction, 13 looping alarm sounds and flashing light).
- **Button B:** Activates Mode B (24-hour induction, flashing light only).
- **Button C:** Activates Mode C (Night-time induction, 13 looping alarm sounds and flashing light).
- **Button D:** Activates Mode D (Night-time induction, flashing light only).

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.



This diagram illustrates the four distinct operating modes of the alarm. Mode A shows a coyote near a fence with the alarm active (24H induction, sound and flash). Mode B shows a deer with the alarm flashing (24-hour induction, flash only). Mode C depicts a fox at night with the alarm active (night induction, sound and flash). Mode D shows a rabbit at night with the alarm flashing (night induction, flash only).

5.2 Alarm Sounds

The alarm is equipped with 13 different sounds to provide varied deterrence. These include:

- Barking dog & gunshot
- Wolf howl
- Gong sound
- Eagle calls
- Firecrackers
- Lion roar
- Pig screaming
- Explosion
- Di disound
- Car speaker
- Alarm
- Bell
- Siren

13 SOUND LOUD NOISE MAKER

Equipped with 13 sounds: Barking dog & gunshot/
Wolf howl/Gong sound/Eagle calls/Firecrackers/
Lion roar/Pig screaming/Explosion/Di disound/
Car speaker/Alarm/Bell/Siren



Two Comboss Solar Motion Sensor Alarms are mounted on a wooden fence in a grassy field, with deer and a rabbit nearby. Text highlights that the device is equipped with 13 different sounds, including barking dog, gunshot, wolf howl, gong sound, eagle calls, firecrackers, lion roar, pig screaming, explosion, Di disound, car speaker, alarm, bell, and siren.

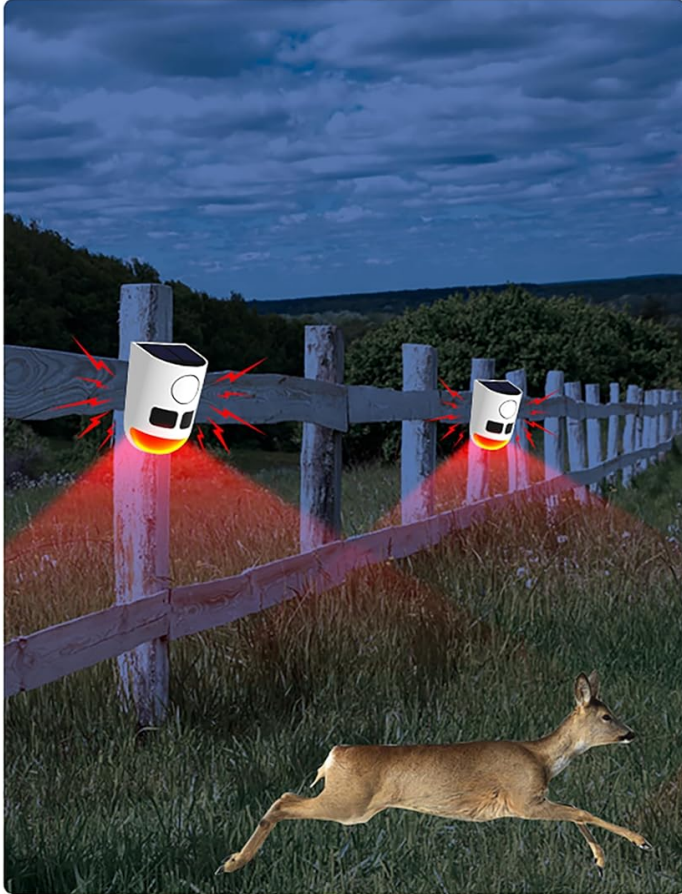
5.3 Application Scenarios

The alarm is suitable for a wide range of outdoor environments:

- Courtyards and gardens
- Orchards and farms
- Chicken coops and livestock yards
- Construction sites and warehouses
- Any outdoor area requiring security or animal deterrence

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



A collage of images demonstrating different uses for the alarm. It shows alarms mounted on fences deterring deer and wild boars, protecting orchards, and securing a barn from an intruder. The text indicates suitability for courtyards, orchards, construction sites, farms, warehouses, and other places requiring security alarms and wild animal deterrence.

6. MAINTENANCE

The Comboss Solar Motion Sensor Alarm is designed for low maintenance due to its durable and weatherproof construction. To ensure optimal performance and longevity:

- **Clean the Solar Panel:** Periodically wipe the solar panel with a soft, damp cloth to remove dust, dirt, or debris that may hinder charging efficiency.
- **Clear the Sensor Lens:** Ensure the motion sensor lens is clean and free from obstructions for accurate detection.
- **Check Mounting:** Occasionally inspect the mounting to ensure the alarm remains securely fastened and properly positioned.
- **Battery Life:** The internal battery is designed for long-term use. If you notice a significant decrease in

performance, ensure the unit is receiving adequate sunlight or try a full USB charge.

7. TROUBLESHOOTING

If you encounter issues with your Comboss Solar Motion Sensor Alarm, please refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Alarm not activating or low sensitivity.	Insufficient charge; sensor obstructed; incorrect mode; detection range too far.	Ensure full charge (solar or USB). Clean sensor lens. Verify correct operating mode (A or C for sound/flash). Adjust mounting height or location to be closer to detection area.
Alarm not charging.	Insufficient sunlight; dirty solar panel; faulty USB cable/adapter.	Relocate to an area with more direct sunlight. Clean the solar panel. Try charging via USB with a different cable/adapter.
Alarm sounds too often (false alarms).	Sensor too sensitive; positioned near moving objects (e.g., swaying branches, pets).	Adjust the alarm's position to avoid areas with frequent, non-threatening motion. Consider using Mode B or D (flash only) if sound is too disruptive.
Remote control not working.	Remote battery low/dead; out of range; interference.	Replace the remote control battery (AAA). Ensure you are within effective range of the alarm. Reduce potential interference.

8. SPECIFICATIONS

Feature	Detail
Model Number	COM-911BW
Brand	Comboss
Power Source	Solar Powered, USB Charging
Voltage	12 Volts (DC)
Battery Type	Lithium Polymer (1 AAA battery required, included)
Control Method	Remote Control
Sensor Technology	Motion (PIR)
Sensing Angle	125°
Maximum Range	8 Meters
Alarm Volume	129dB
Waterproof Rating	IP65
Mounting Type	Wall Mount
Product Dimensions	25"L x 2.6"W x 4.5"H (63.5 cm x 6.6 cm x 11.4 cm)
Item Weight	15.5 ounces (439.4 grams)

9. WARRANTY AND SUPPORT

Comboss products are manufactured to high-quality standards. For specific warranty information, please refer to the documentation included with your purchase or visit the official Comboss website. If you require technical assistance or have questions regarding your Solar Motion Sensor Alarm, please contact Comboss customer support through the details provided on the product packaging or the brand's official channels.

For more information, visit the **Comboss Store on Amazon**.