

Wireless siren Myers MSS-AK-WS1

User manual



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1. Product overview



Fig.1. Wireless siren Myers MSS-AK-WS1

The Myers MSS-AK-WS1 is a wireless outdoor siren with a built-in PIR (Passive Infrared) motion sensor, designed to detect movement within its coverage area and sound an audible alarm with multilingual voice prompts. It covers a detection range of up to 6 m from a recommended mounting height of 2.2 m. The siren also works as a standalone alarm host: it pairs directly with up to 8 remote controls and organises connected door and motion sensors into up to 4 independent zones, without needing to connect to Wi-Fi or the app itself. Solar-powered with a DC5V/USB backup charging option, it is designed for reliable outdoor use with Arm, Disarm, Home, and Emergency modes.

2. First use

1. Mount the fixing bracket to the wall using the screws provided, at a recommended height of around 2.2 m.

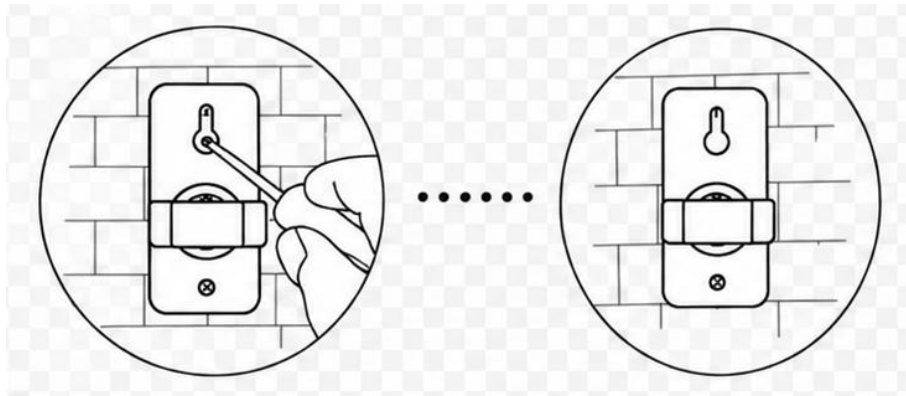


Fig.2. Fixed bracket

2. Slide the siren onto the fixing bracket until it locks securely into place.

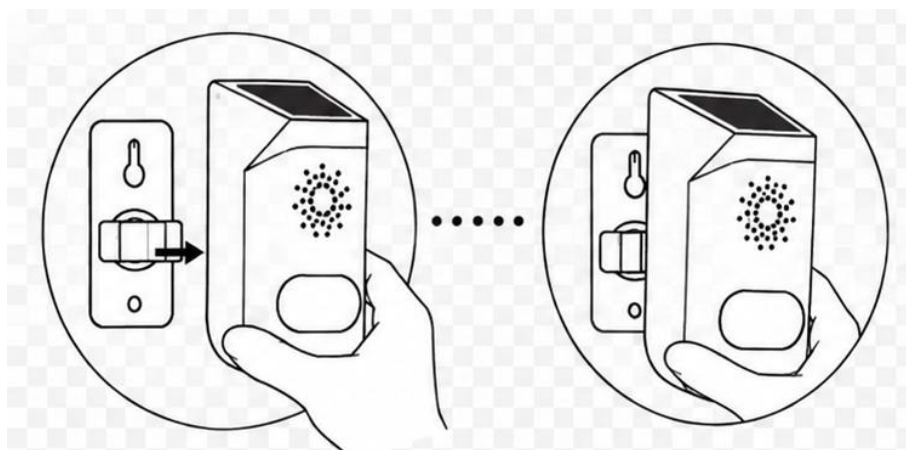


Fig.3. Product fixation

3. Open the silicone cover on the back shell to access the USB port and the SET button.

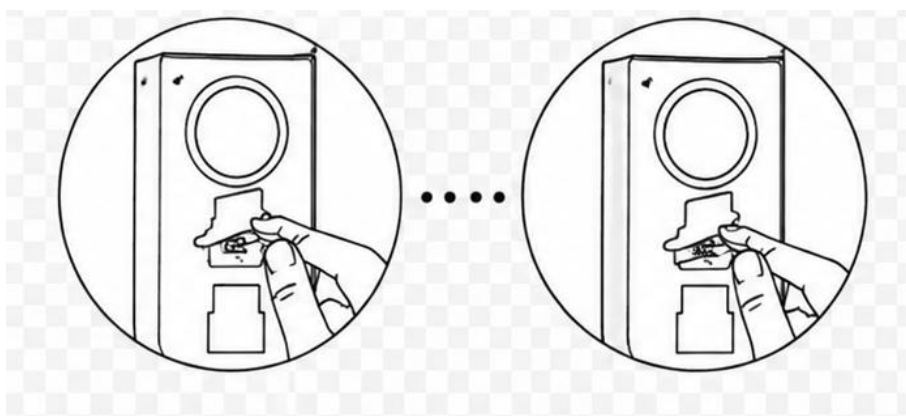


Fig.4. Silicone button

4. Plug in USB and DC5V power supply.

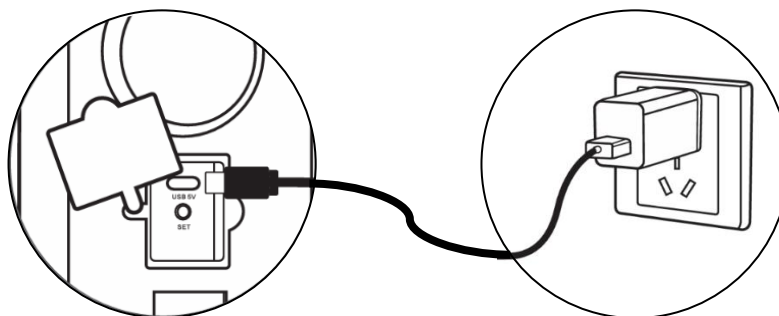


Fig.5. Turning on the device

5. After installation is complete, perform a test by moving horizontally through the detection area. This should trigger an alarm. Avoid moving vertically directly towards the product during the test.

3. Detection range

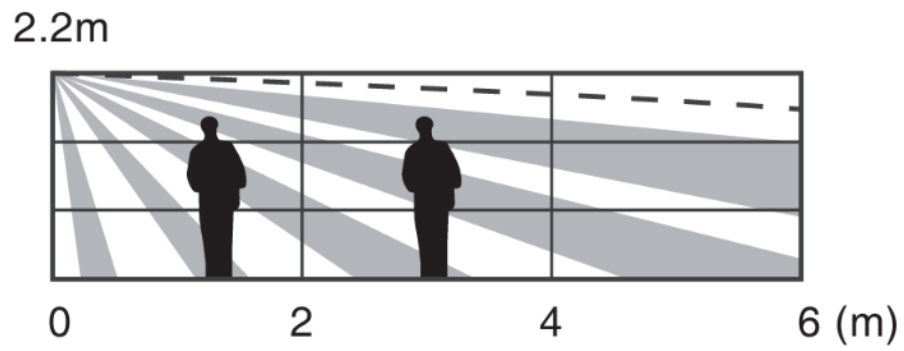


Fig.6. Side view

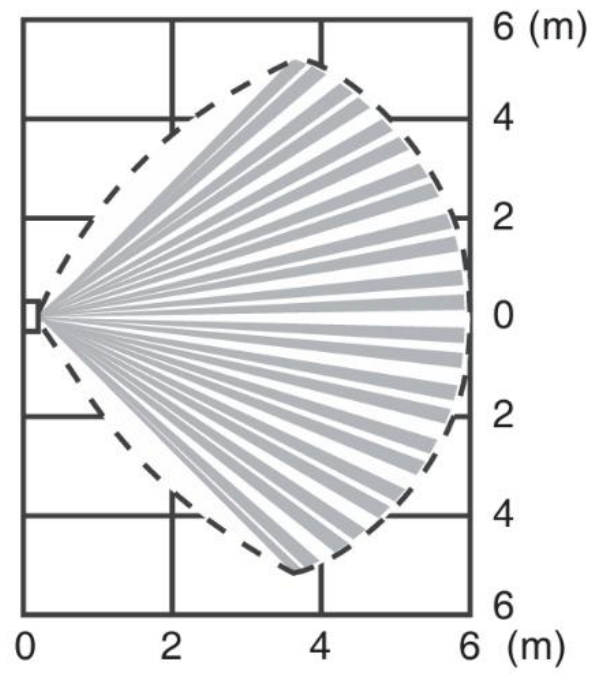


Fig.7. Top view

4. App control

The MSS-AK-WS1 works as a standalone alarm host: it does not connect to Wi-Fi or the app itself, but pairs directly with up to 8 remote controls and with sensors organised into up to 4 independent zones, using the SET button on the back of the device.

4.1. Pairing the remote control

In the disarmed state, briefly press the black button on the back cover. The four red LEDs will light up and the siren will emit a long beep, indicating that it has entered the remote control pairing mode.

Trigger the remote control at this time. A short beep from the siren signifies successful pairing (up to 8 remote controls can be added).

Four short beeps from the siren indicate that the remote control has already been paired or that the maximum number of remote controls has been reached.

To delete all remote controls, press and hold the black button on the back cover for 3 seconds.

4.2. Pairing the zones

While in the remote control pairing mode, briefly press the black button on the back cover again. The light for Zone 1 will turn on, and the other lights will turn off, indicating that the system has entered the pairing mode for Zone 1.

Trigger the door sensor or infrared sensor at this time. A short beep from the siren signifies successful pairing. Four short beeps indicate that the sensor has already been paired or that the maximum number of devices has been reached for this zone.

To delete all devices from Zone 1, press and hold the black button on the back cover for 3 seconds.

Briefly press the black button again to enter the pairing mode for Zone 2, indicated by the Zone 2 light turning on while the others turn off. The pairing process for Zone 2 is the same as for Zone 1.

Continue this process for Zones 3 and 4.

After pairing Zone 4, briefly press the black button to exit the pairing mode. All lights will turn off.

5. Settings

5.1. Siren status:

1. Press the disarm button on the remote control. The siren will emit two long beeps, accompanied by a voice prompt indicating that the system is disarmed (the specific voice prompt may vary). All lights will turn off, and the siren will enter the disarmed state.
2. Press the arm button on the remote control, and the siren will emit a long sound. The voice prompt will indicate that the system is armed (the specific language of the prompt may vary). The four red LED lights will flash once every 5 seconds. The siren will enter the armed state, and if someone passes through the detection area, an alarm will be triggered. The siren will emit an alarm sound.
3. Press the home arm button on the remote control, and the siren will emit a long sound. The two middle lights will flash once every 5 seconds for a duration of 5 seconds. The siren will enter the home armed state. If someone passes through the detection area, a voice message will play, saying "You have entered the detection area, please leave." If someone passes through the detection area again within 1 minute, the alarm will be triggered, and the siren will emit an alarm sound.
4. Press the emergency button on the remote control, and all lights on the siren will flash while the siren emits a continuous sound. The siren will enter the alarm state.

5.2. Voice settings

While in disarmed mode, press and hold the black button on the rear shell for 3 seconds until you hear a beep. Release the button to enter the settings mode. Press the button once to toggle between languages. The default language sequence is: Chinese, English, Italian, Spanish, French, Russian, Czech, German, Polish.

5.3. Power on/off settings

While in disarmed mode, press and hold the black button on the rear shell for 3 seconds until you hear a beep to enter the settings mode. Then, press and hold the black button on the rear shell for 8 seconds. The four LEDs will blink once, indicating that the system has been successfully shut down.

While in the shutdown state, press and hold the button on the rear shell for 8 seconds. The four LEDs will blink once, indicating that the system has been successfully powered on.

6. Maintenance and safety notes

Power supply: The device has a built-in rechargeable battery, kept topped up by the integrated solar panel. Use the supplied USB cable and a DC5V power adapter to charge it directly if needed, for example during initial setup or in low-sunlight conditions.

Battery safety: Do not disassemble, puncture, crush, short-circuit, or expose the device to fire or extreme heat, as this may damage the internal battery. Stop use if the case becomes swollen, hot, or damaged. Dispose of the device in accordance with local electronic waste regulations; do not dispose of it with general household waste.

Installation: Mount the fixing bracket to the wall using the screws provided, at a recommended height of around 2.2 m, with a clear, unobstructed view of the area to be monitored. Position the solar panel so it receives direct sunlight for as much of the day as possible, to keep the built-in battery charged. Avoid pointing the sensor directly at heat sources, air vents, or moving objects such as tree branches and passing traffic, as these may cause false alerts or missed detections.

Operating environment: The device is designed for outdoor installation and normal weather exposure. Do not expose it to submersion in water, or to temperatures outside the range stated in the product datasheet. Keep the device away from direct heat sources such as exhaust vents or heaters, though sunlight on the solar panel is expected and required for charging.

Cleaning: Wipe the device with a soft, dry cloth only. Do not use solvents, abrasive cleaners, or aerosol sprays, and never immerse the device in water.

Wireless connection: Keep paired remote controls and sensors within reliable RF range of the siren, and away from thick walls, metal surfaces, or major sources of interference, to ensure signals are received without delay.

Servicing: The device contains no user-serviceable parts. Do not attempt to open or repair the device yourself, as this may damage it and will void the warranty. If the device is faulty, contact Partizan support using the details below.

Limitations: This siren is a supplementary security accessory and is not a certified life-safety alarm system. It should not be relied upon as the sole means of protection in situations where failure to detect an event could result in injury, loss of life, or serious property damage.

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