

MSS-AK-WLD1 Water leakage detector

User manual



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1. Product overview



Fig.1. MSS-AK-WLD1 Water leakage detector

The Myers MSS-AK-WLD1 is a wireless water leakage detector designed to protect your home against the risk of water damage. Using a pair of sensing probes on its base, it continuously monitors for standing water or moisture and triggers an immediate loud audible alarm as soon as a leak is detected, giving you an early warning to act before serious damage occurs.

As a radio (RF) sensor, it does not connect to Wi-Fi or the app directly — it must be paired with a compatible alarm host, which in turn connects to the app and forwards the sensor's alerts to you. Its compact, low-profile design makes it easy to place on the floor under sinks, washing machines, water heaters, dishwashers, and other appliances prone to leaks, while low power consumption ensures extended battery life between replacements.

The MSS-AK-WLD1 can be used as a standalone leak alarm or integrated into a broader smart home and security system, providing real-time notifications and helping to prevent the serious risks associated with water damage.

2. First use

1. Remove the protective film from the battery. After that, the device will flash and is ready for use.

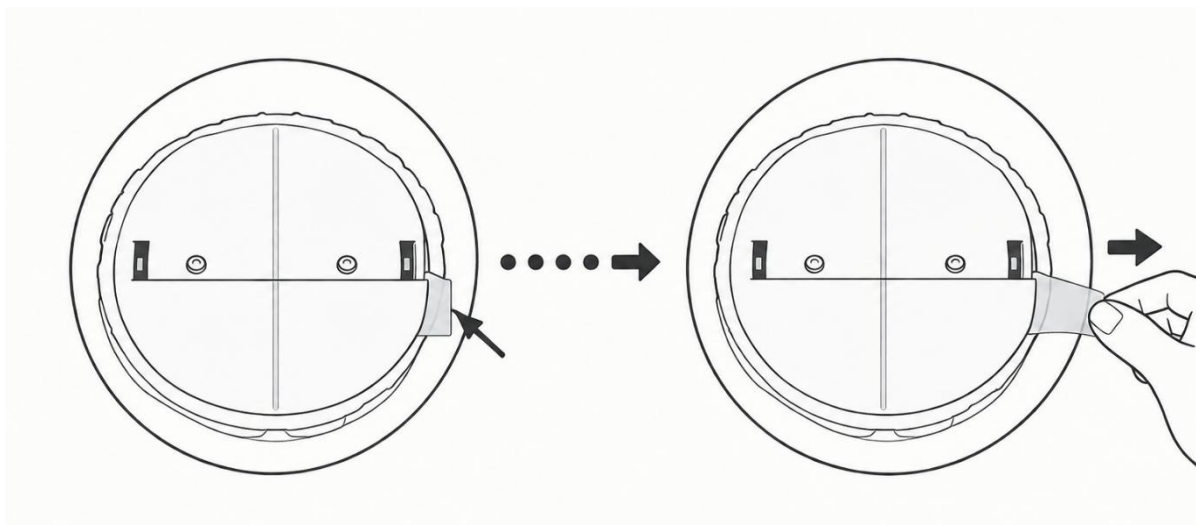


Fig.2. Protective film

3. App control

As a wireless RF sensor, the MSS-AK-WLD1 does not connect to Wi-Fi or the app directly. It must first be paired with a compatible alarm host; the host connects to the app over Wi-Fi and forwards the sensor's alerts to you.

Low battery alert: If the LED flashes during normal operation, the battery is running low and should be replaced.

Pair With Alarm System

The alarm host only receives the detector's wireless signal once pairing is complete.

Pairing Method: First, put the alarm host into detector-adding mode. Then touch the two sensors on the bottom of the detector by hand. The LED light will stay on continuously. Once the host receives the wireless signal from the detector, it will beep or give a voice prompt such as "Adding completed".

4. Maintenance and safety notes

Power supply: Use only batteries of the type specified for this device and replace both batteries at the same time. Insert them with the correct polarity as shown inside the battery compartment. Do not mix old and new batteries or batteries of different types.

Battery safety: Do not disassemble, puncture, crush, short-circuit, or expose batteries to fire, heat, or direct sunlight. Remove the batteries if the sensor will not be used for an extended period. Dispose of used batteries in accordance with local regulations; do not dispose of them with general household waste.

Installation: Place the device flat on the floor, at the lowest point of the area to be monitored, so its sensing probes make contact with any pooling water. Ideal locations include under sinks, washing machines, dishwashers, water heaters, and near sump pumps or radiators. Do not place it directly on a soft or absorbent surface such as a carpet or rug, and avoid locations where it could be splashed continuously or submerged, as this is a leak detector and not a fully submersible device.

Operating environment: The device is designed for indoor use only. Do not expose it to rain, condensation, high humidity, dust, or temperatures outside the range stated in the product datasheet. Keep the sensor away from direct sunlight and heat sources.

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 the sensor within the alarm host's rated RF range, and away from thick walls, metal surfaces, or major sources of interference, to ensure alarm signals reach the host without delay. Replace the battery promptly if the LED indicates a low-battery warning.

Servicing: The device contains no user-serviceable parts. Do not attempt to open or repair the sensor yourself, as this may damage it and will void the warranty. If the device is faulty, contact Partizan support using the details below. Keep the sensing probes on the underside of the device clean and free of dust, limescale, or corrosion, as a build-up can prevent reliable leak detection; wipe them gently with a dry cloth if needed. Replace the whole device when the app indicates the sensor has expired or after the period stated in the product datasheet, even if it still appears to work.

Testing: Test the detector at least once a month to confirm that the sensor, alarm, and RF connection to the host are working correctly. You can test detection by touching both probes at the same time with a wet finger or a few drops of water, then dry the probes thoroughly afterwards.

Limitations: This sensor is a supplementary monitoring device and does not stop or repair a leak by itself. It should not be relied upon as the sole means of protection against water damage in situations where failure to detect a leak could result in serious property damage. If the alarm sounds, shut off the relevant water supply if it is safe to do so, and check the area promptly, as a delayed response may not prevent damage from an ongoing leak.

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