

MSS-WLD1-ZB Water leakage detector

User manual



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1. Product overview



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

The Myers MSS-WLD1-ZB is a Zigbee 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 and a visual alert in the app as soon as a leak is detected, giving you an early warning to act before serious damage occurs.

Featuring Zigbee connectivity, the detector sends real-time alerts to a compatible Zigbee hub, which relays them to the connected app, so you can be notified of a leak even when you are away from home. 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-WLD1-ZB 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. Open the device case. Insert 2 batteries (AAA 1.5V) into the battery bin and place it according to the graphics in the battery bin.

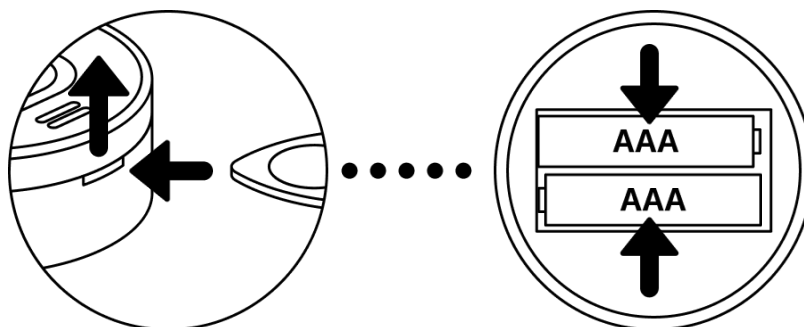


Fig.2. Removing the mounting bracket and inserting the batteries

2. If the LED indicator does not blinking - press and hold the button on the back of the device for 10 seconds to reset.

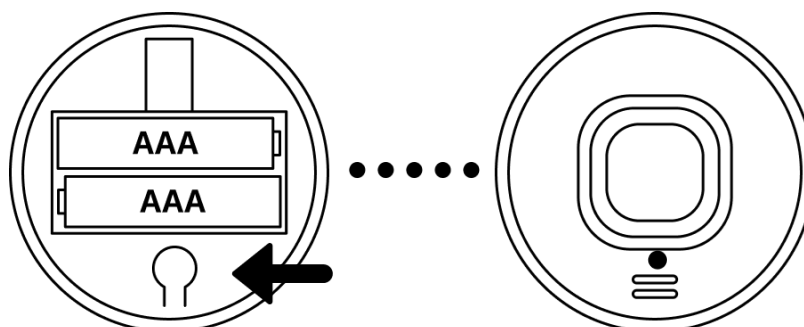


Fig.3. Resetting the sensor with the pin

3. App control

1. Download or open the Partizan mobile app (available on Google Play, App Store, Huawei AppGallery).

The Partizan mobile app can be downloaded via the link below.

<https://my.partizancloud.com/mobile>

2. Scan the QR code on the device box to open the device page in the Partizan app.

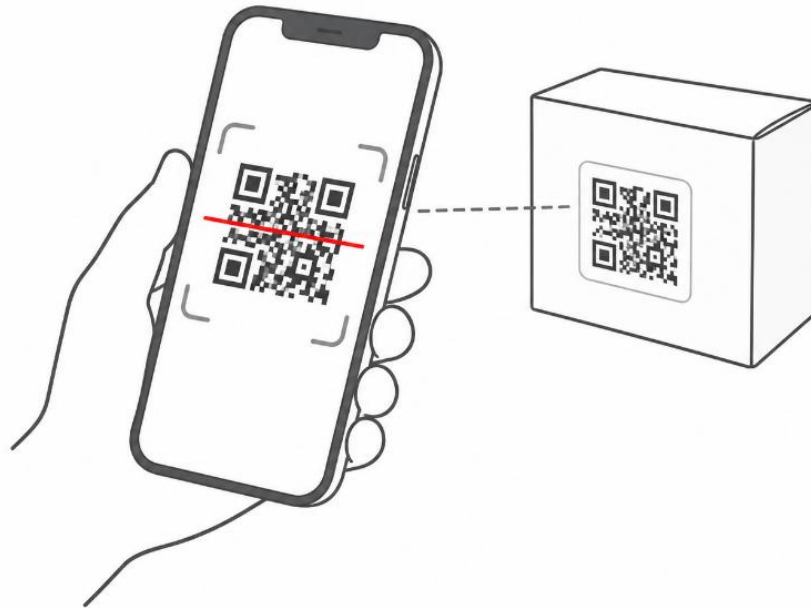


Fig.4. QR code scanning

3. Open the DIY Wizard and tap Next to start adding the sensor as a new device.

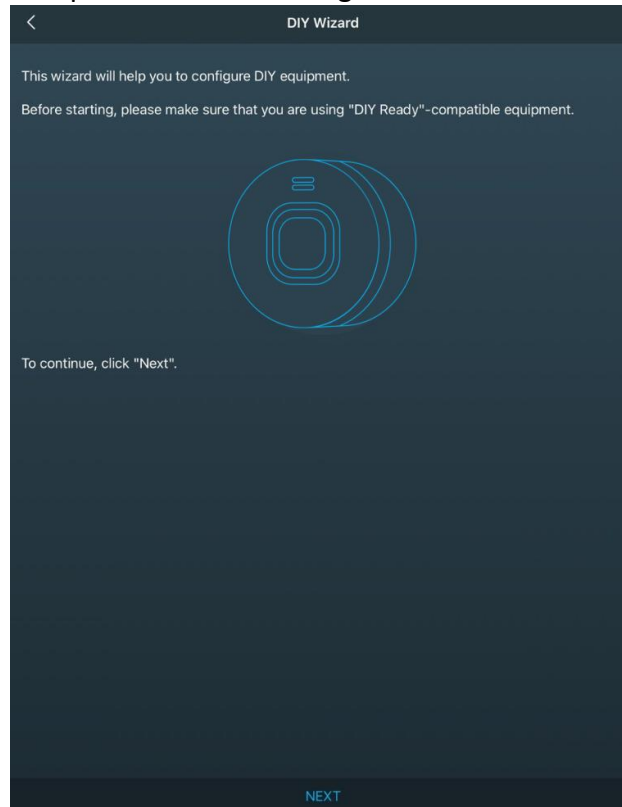


Fig.5. DIY Wizard – start screen

4. Select the cloud account (location) the sensor will be added to.

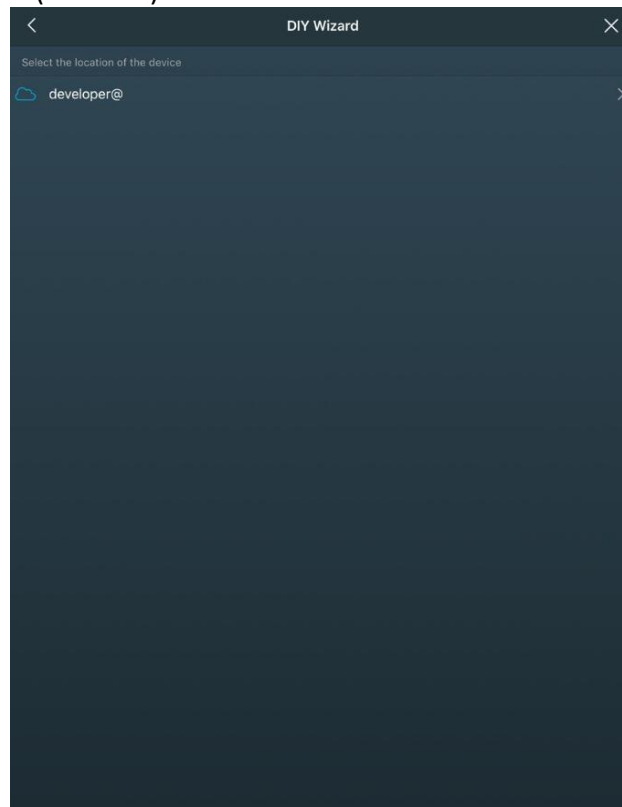


Fig.6. DIY Wizard – select device location

5. The device must be connected via a Smart hub. Select the desired Zigbee hub from the list and tap Next to continue.

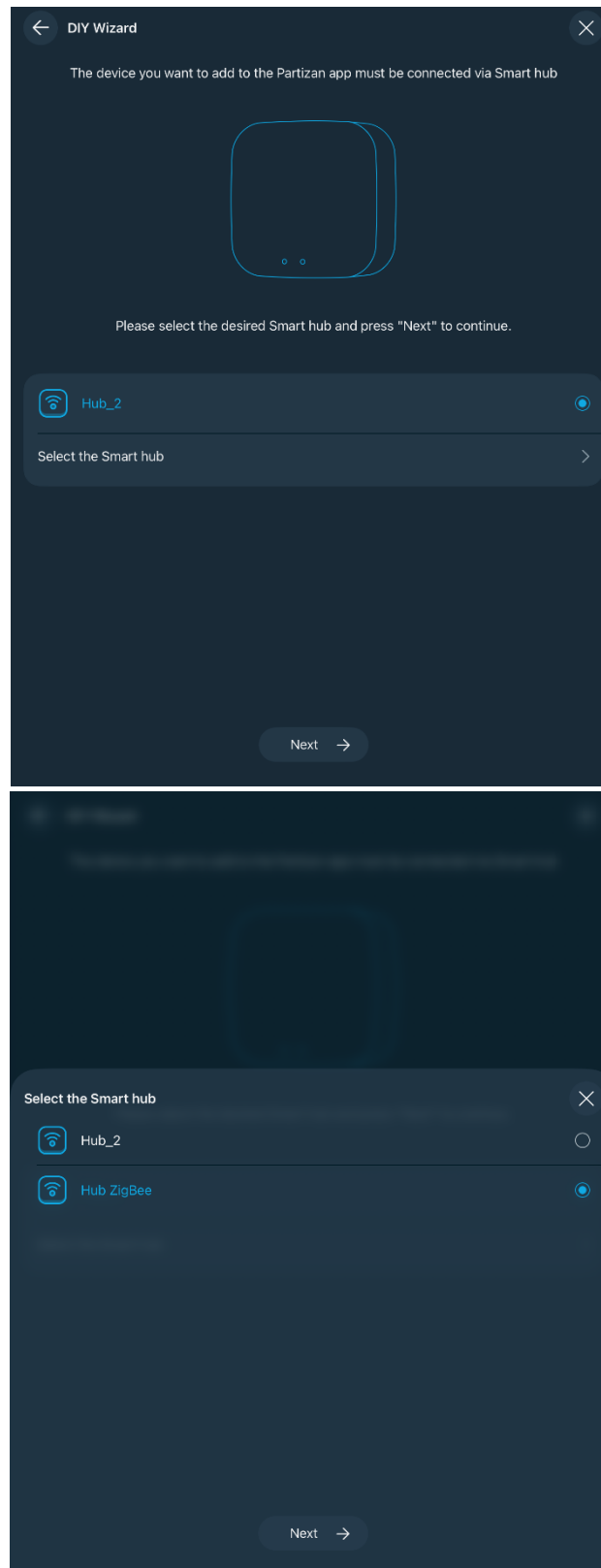


Fig.7. Selecting the Zigbee hub

- Wait while the app searches for the device and adds it to the hub. Do not unplug or remove the device during this process.

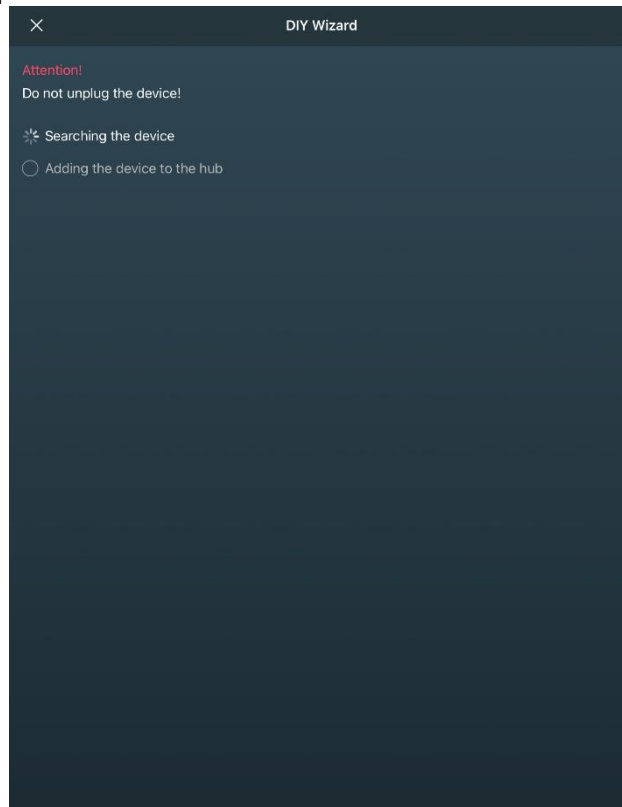


Fig.8. Adding the device to the hub

- The sensor is now added to the app. If a leak is detected, the device's entry in the hub's list shows a red icon with a water drop symbol and the label Leak detected.

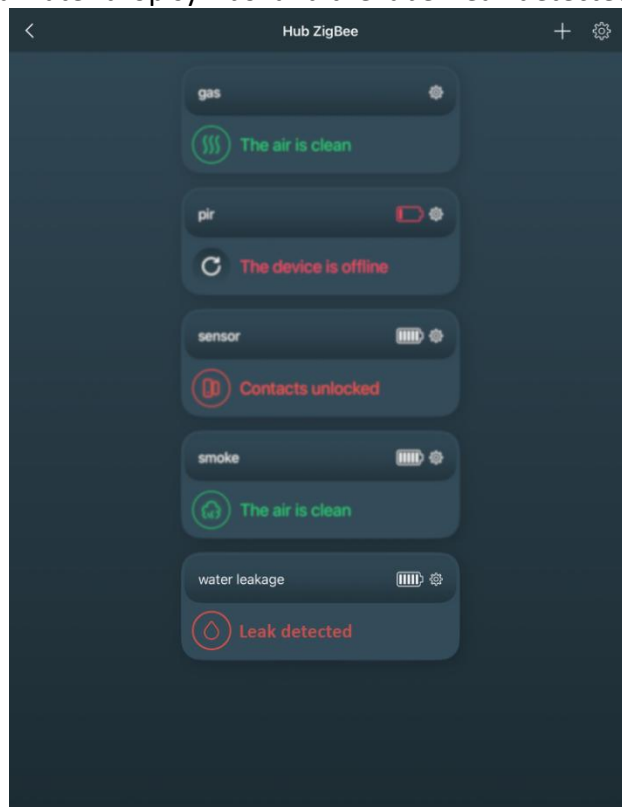


Fig.9. Sensor status screen – leak detected

8. When no leak is detected, the status screen shows a green icon with a water drop symbol and the label There is no leak.

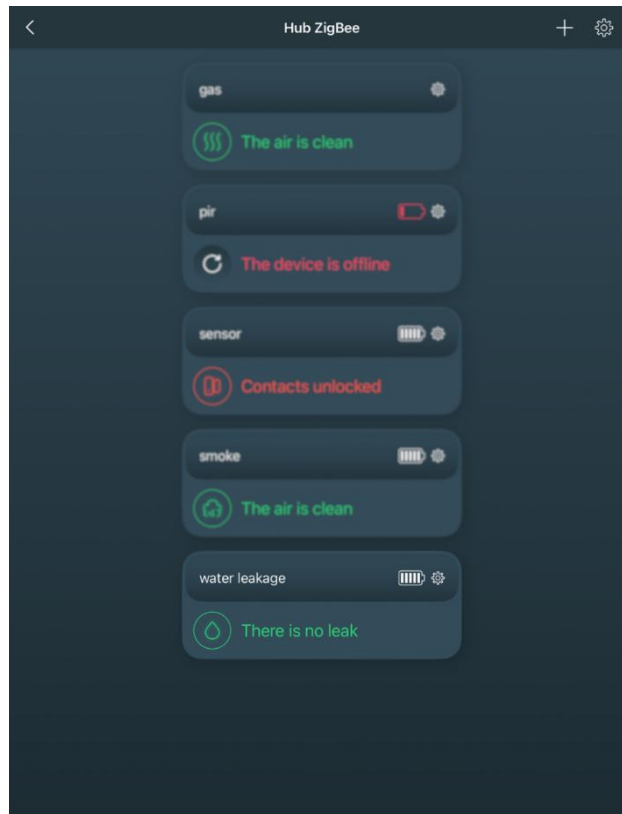


Fig.10. Sensor status screen – no leak

4. Settings

1. On the hub's device list, tap the gear icon (⚙️) next to the sensor, as shown, to open the Support and Device settings options.

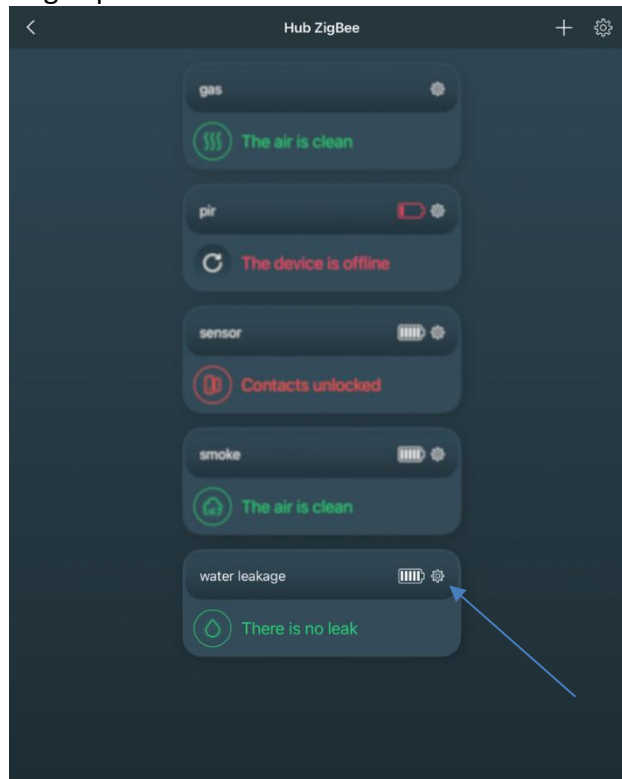


Fig.11. Sensor screen – Support and Device settings menu

2. The Device settings menu gives access to Connection settings, Notification schedule, Shared access, Firmware upgrade, and Delete device.

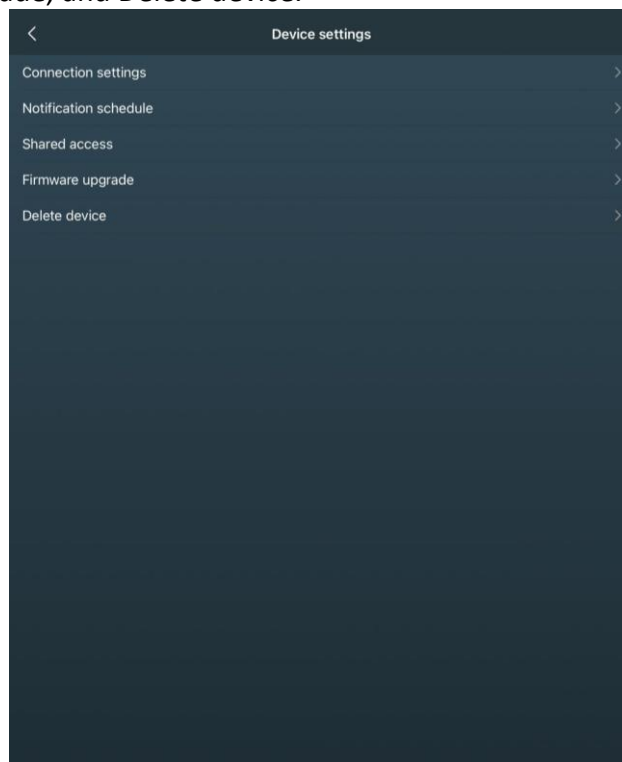


Fig.12. Device settings menu

3. In Connection settings, check or edit the device name, folder, and connection string, then tap Apply to save the changes.

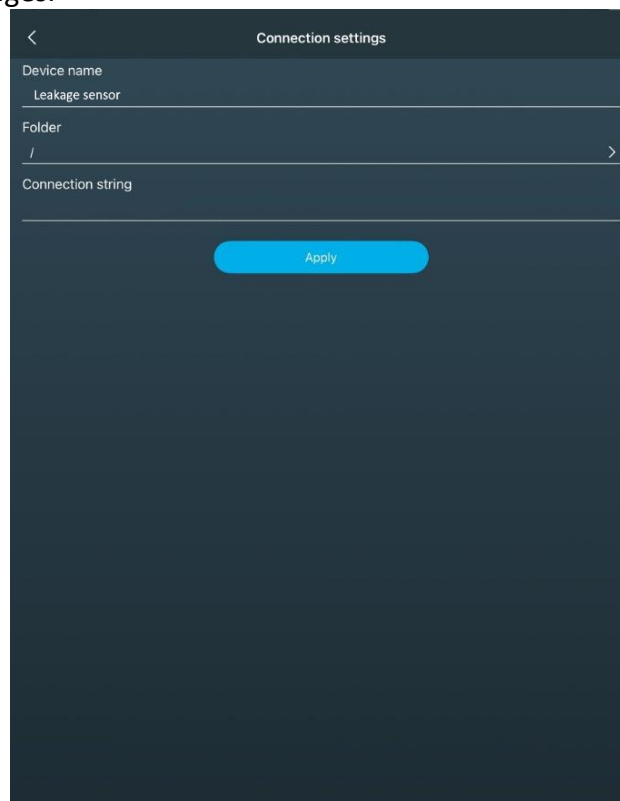


Fig.13. Connection settings

4. In Shared access, enter the email address of another cloud user and tap Save to give them access to the device.

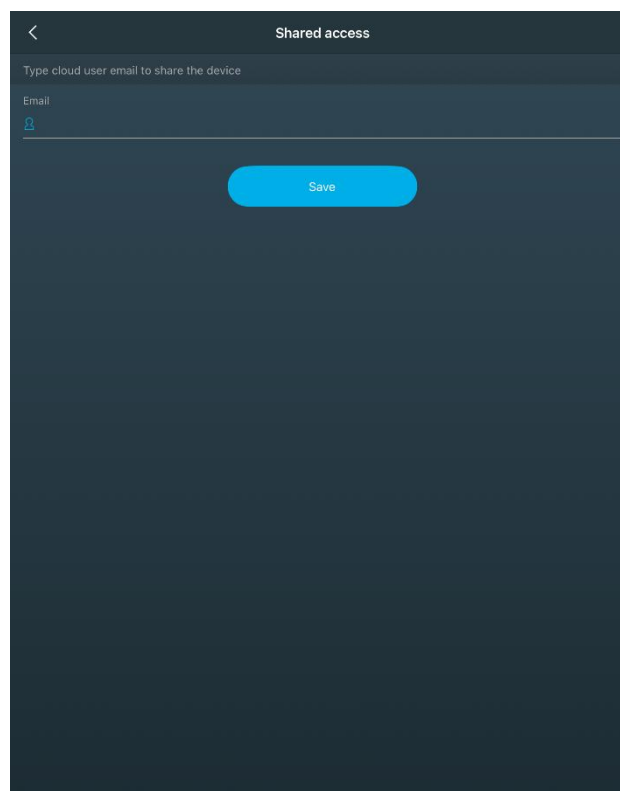


Fig.14. Shared access

5. In Notification schedule, select the days of the week and set the active time range on the 24-hour dial. Use Copy schedule to apply the same time range to other days.

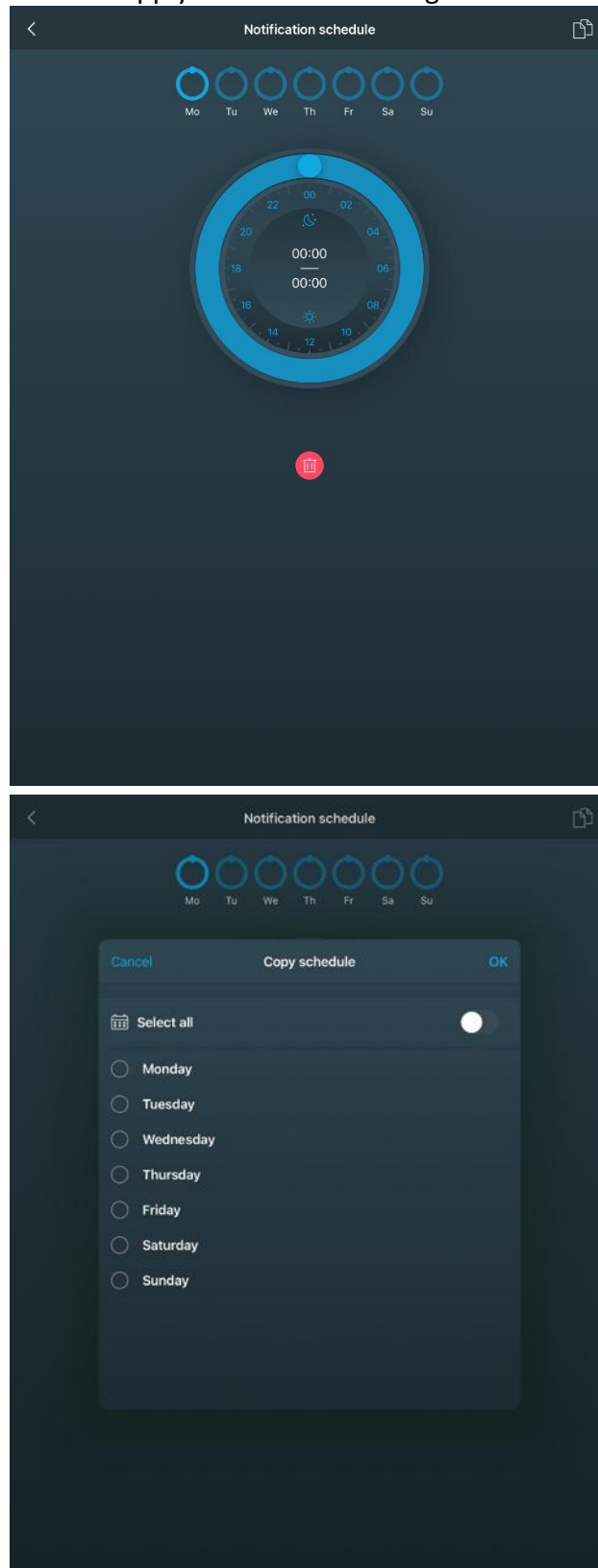


Fig.15. Notification schedule and copy-schedule dialog

All Myers devices send a real-time push notification to your phone whenever something happens, so you're always informed even when you're away from home.

6. In Firmware upgrade, check the current cloud firmware version and tap Firmware upgrade to install the latest version.

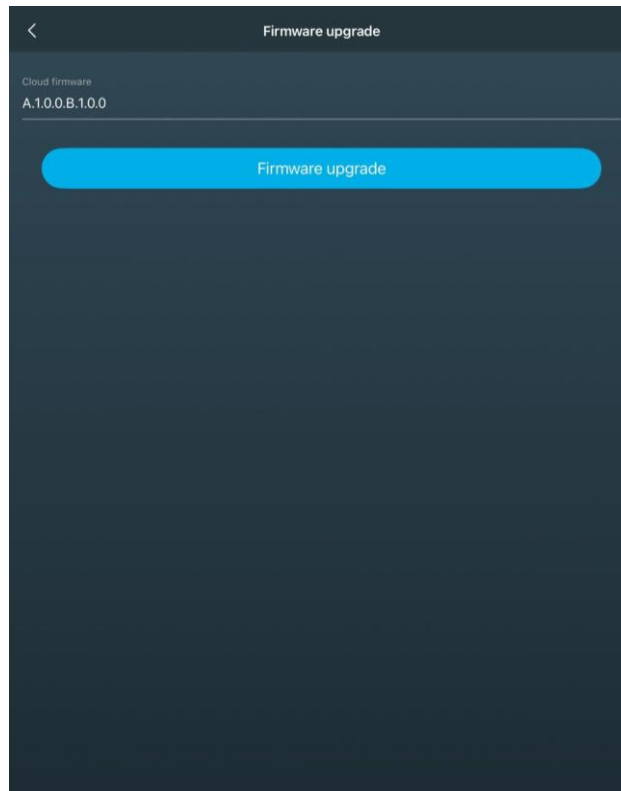


Fig.16. Firmware upgrade

7. In Support, review the technical support working hours. Enable Provide the device information so that support can see the device model, firmware version, and basic diagnostics if needed.

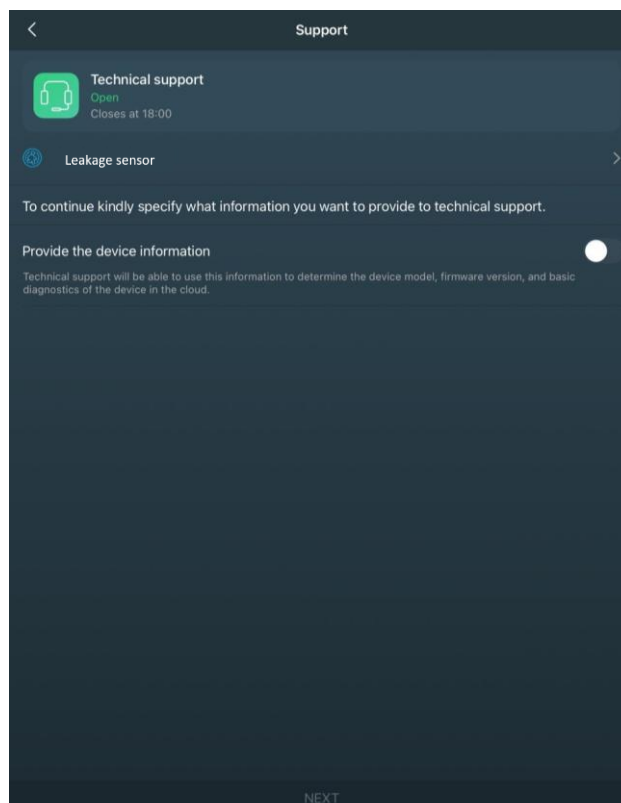


Fig.17. Support

8. In Delete device, tap Delete device to remove the sensor from the app. This permanently deletes all data associated with the device.

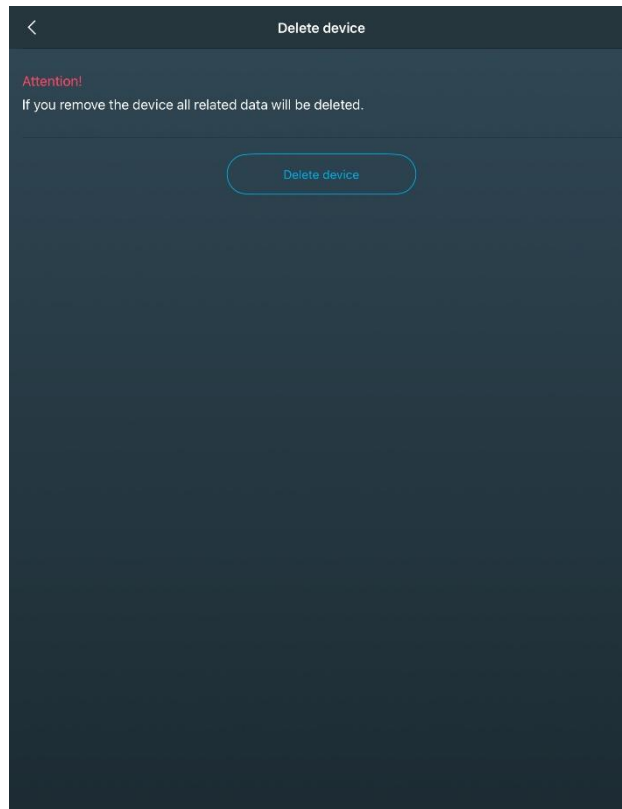


Fig.18. Delete device

5. 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 reliable range of its paired Zigbee hub, and away from thick walls, metal surfaces, or major sources of interference, to ensure alerts are delivered without delay. If the sensor is far from the hub, consider adding a Zigbee repeater or a mains-powered Zigbee device between them to extend coverage. Replace the battery promptly when the app reports 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 using the test button or via the app to confirm that the sensor, alarm, and Zigbee connection are working correctly. You can also 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.

Contacts:

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Email: support@partizan.global

Telegram: https://t.me/PartizanSupport_bot