

MSS-GD1-ZB gas detector

User manual



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1. Product overview



Fig.1. MSS-GD1-ZB gas detector

The Myers MSS-GD1-ZB is a Zigbee combustible gas detector designed to protect your home against the risk of a gas leak. Using a high-sensitivity gas sensor, it continuously monitors ambient air for natural gas (methane) and LPG and triggers an immediate audible and visual alarm if the gas concentration reaches a hazardous level, giving you time to ventilate the area and evacuate if necessary.

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 gas leak even when you are away from home. It plugs directly into a standard wall socket, with no batteries to replace, making it easy to install in kitchens, utility rooms, garages, and near gas-burning appliances such as stoves, boilers, and gas heaters.

Natural gas and LPG are flammable gases that can accumulate from a leaking pipe, an unlit burner, or a faulty appliance connection, creating a serious fire and explosion hazard. The MSS-GD1-ZB provides continuous, reliable monitoring to give you early warning and peace of mind, helping to prevent the serious risks associated with a gas leak.

2. First use

1. Plug the device directly into a wall socket. Wait for a single beep confirming that the device has powered on.

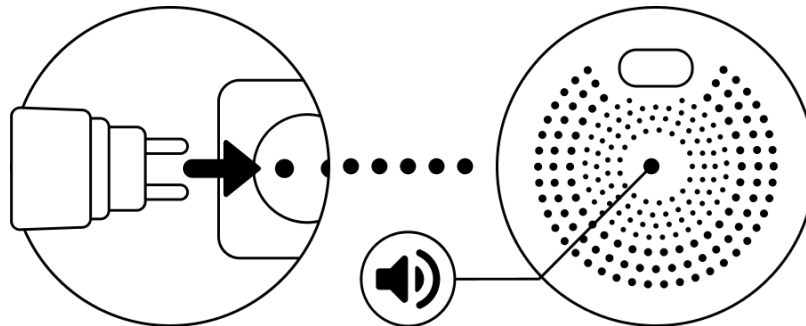


Fig.2. Plugging in the device

2. Take the clip from the kit and hold the reset button for 10 seconds to reset the sensor. Two beeps confirm the reset.

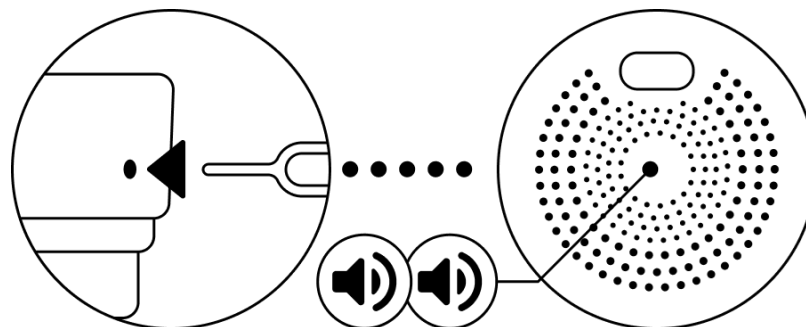


Fig.3. Resetting the sensor with the pin

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.

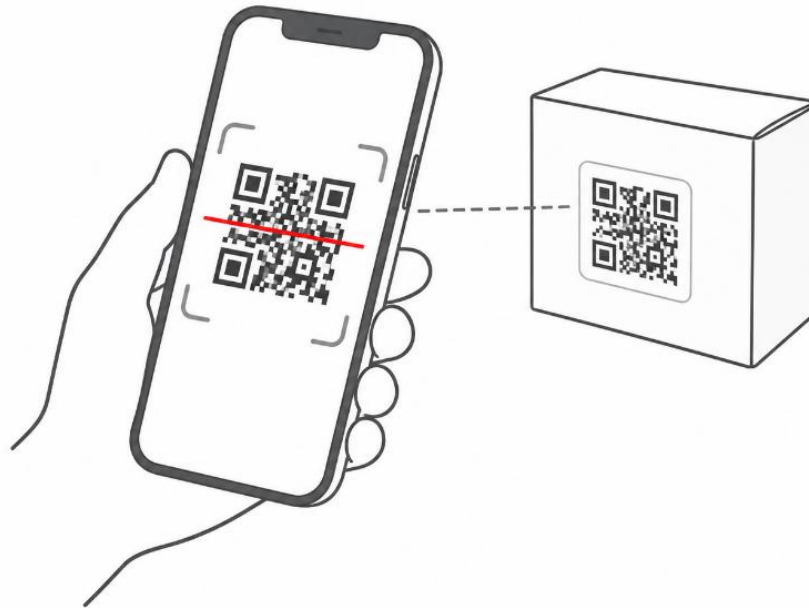


Fig.4. QR code scanning

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

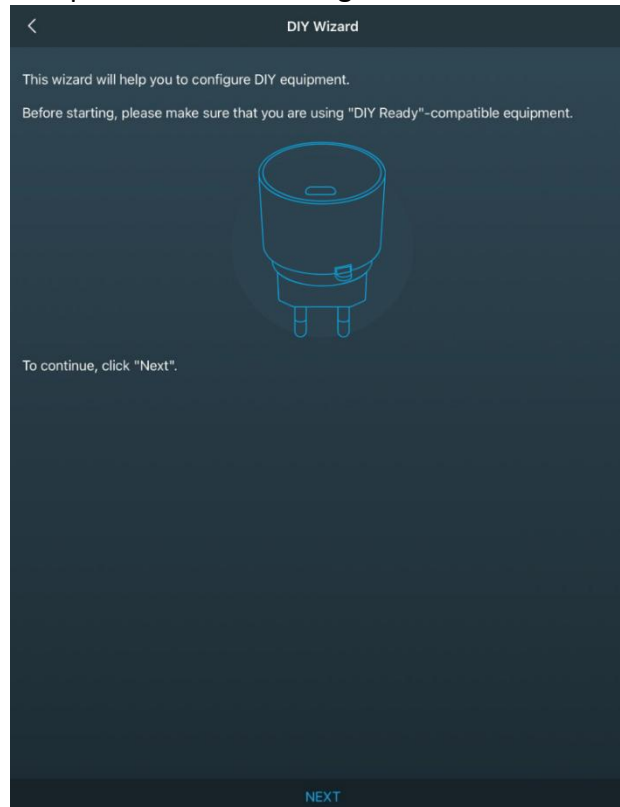


Fig.5. DIY Wizard – start screen

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

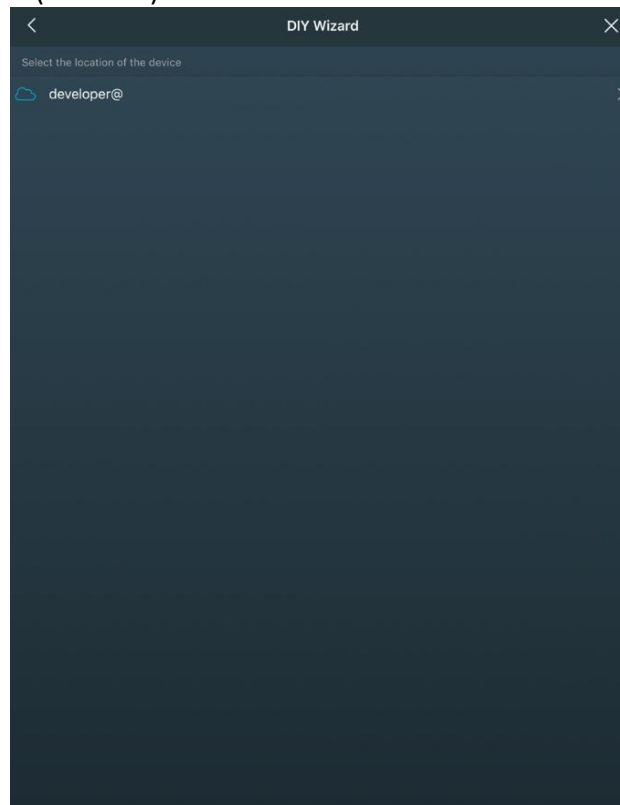


Fig.6. DIY Wizard – select device location

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

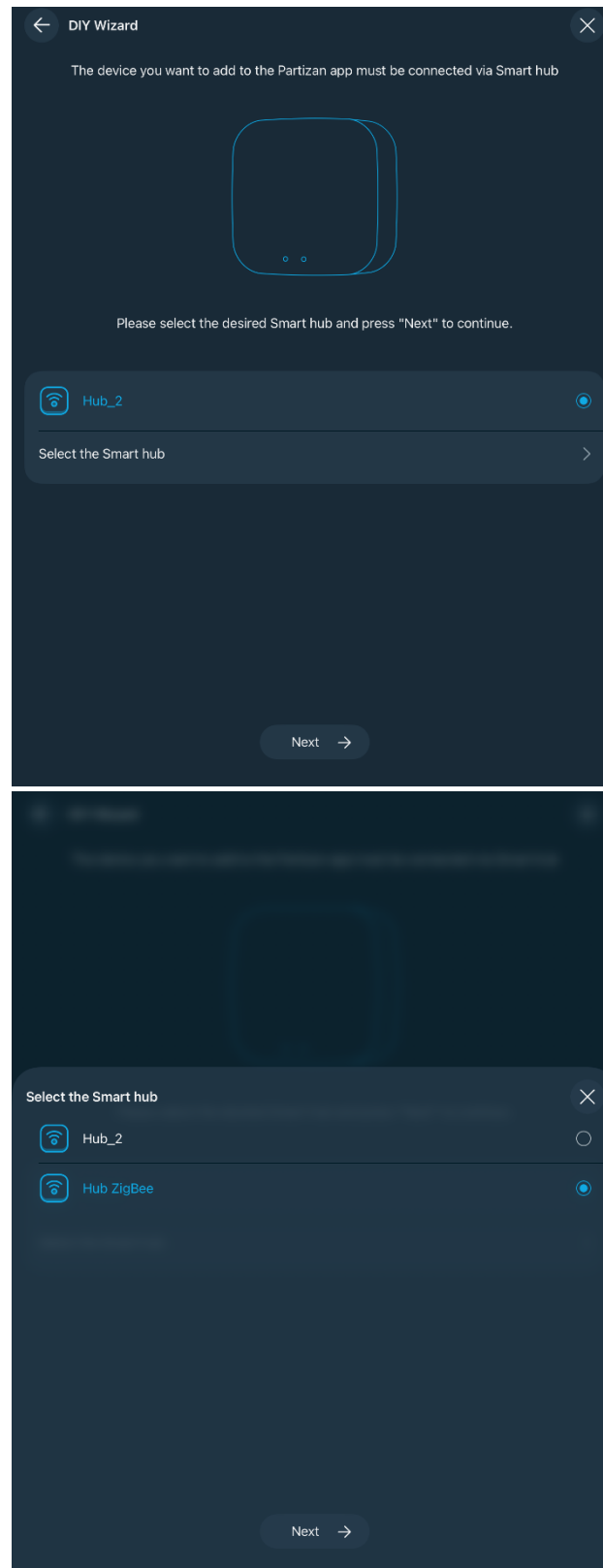


Fig.7. Selecting the Zigbee hub

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

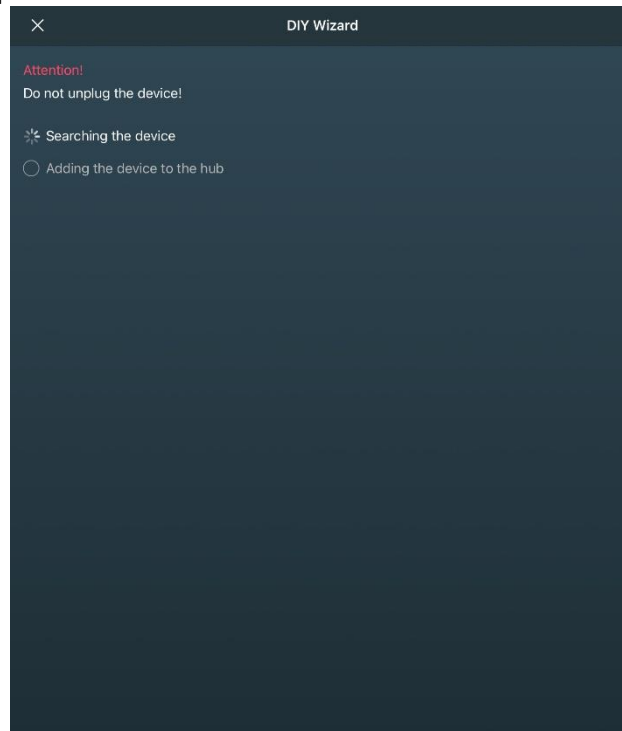


Fig.8. Adding the device to the hub

7. If a high concentration of gas is detected, the device's entry in the hub's list shows a red mute icon and the measured level, for example Level: 10. Tap the icon to silence or re-enable the audible alarm.

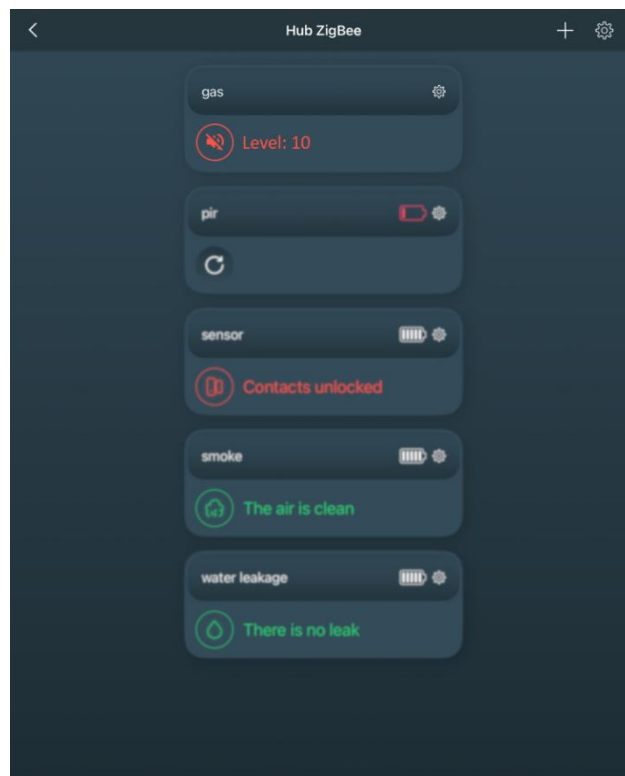


Fig.9. Sensor status screen – Gas detected, high level

8. At a medium concentration, the icon turns orange and the screen shows a lower measured level, for example Level: 6.

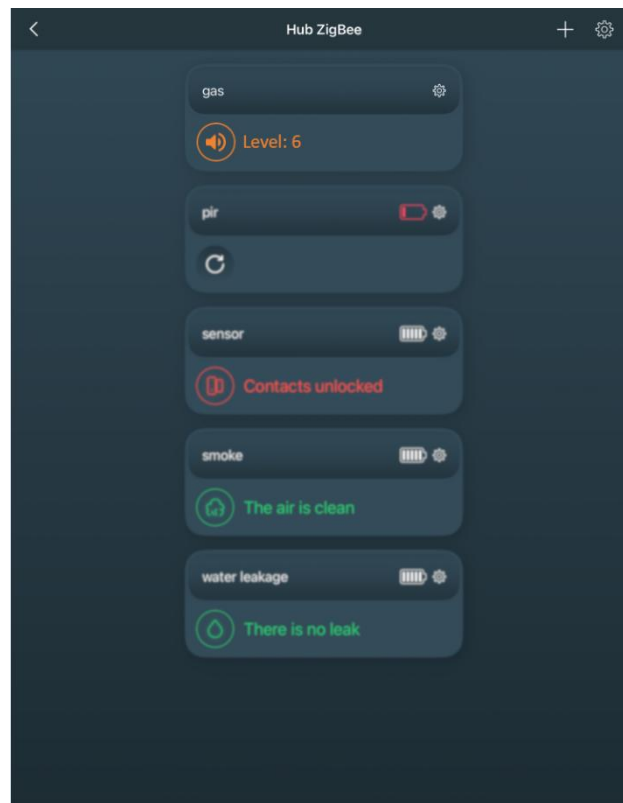


Fig.10. Sensor status screen – Gas detected, medium level

9. At a low concentration, the icon turns yellow and the screen shows the lowest measured level, for example Level: 2.

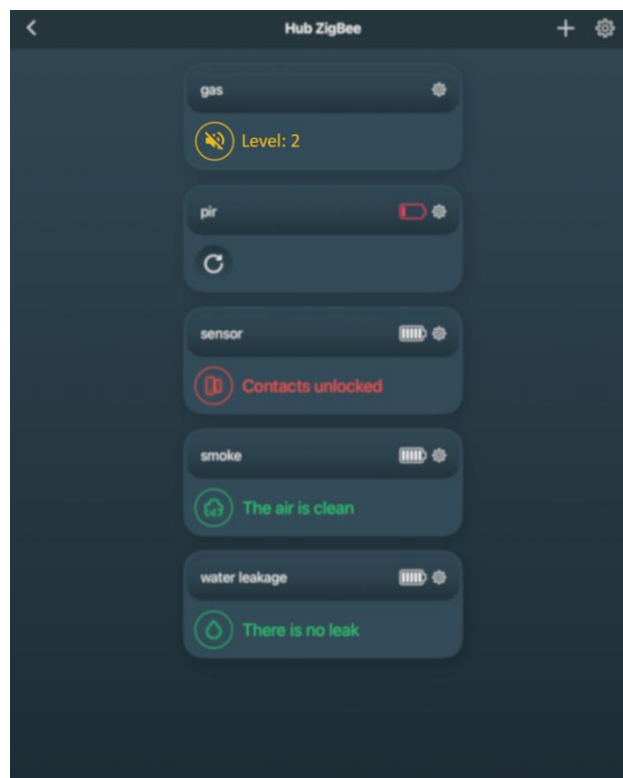


Fig.11. Sensor status screen – Gas detected, low level

10. When no gas is detected, the status screen shows a green icon with a gas symbol and the label The air is clean.

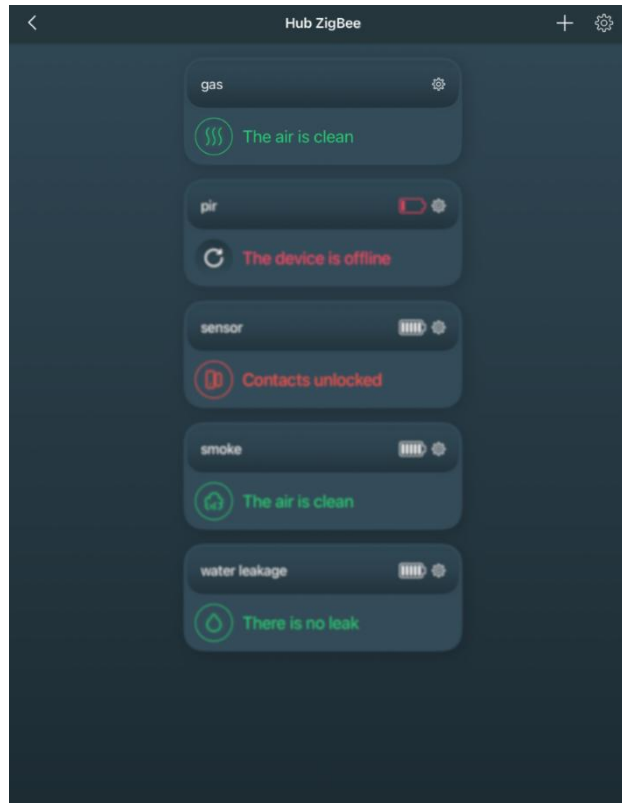


Fig.12. Sensor status screen – air is clean

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.

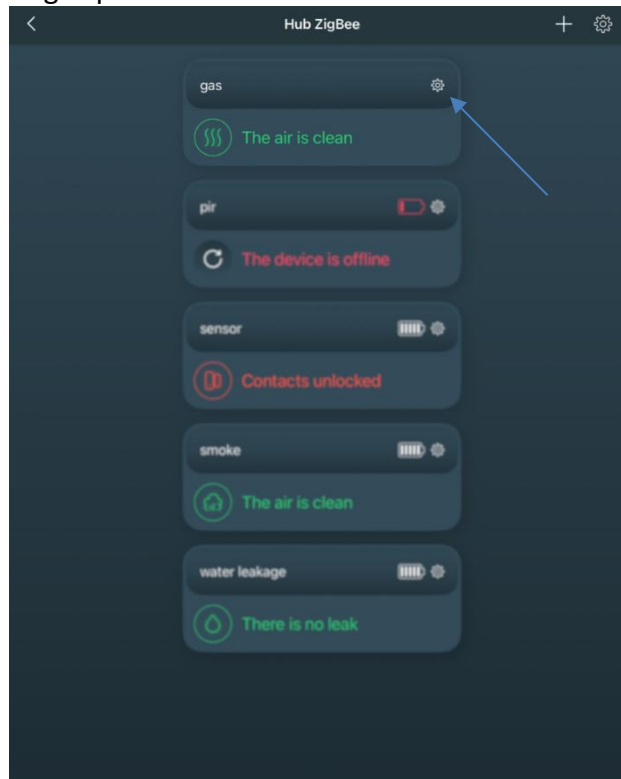


Fig.13. Sensor screen – Support and Device settings menu

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

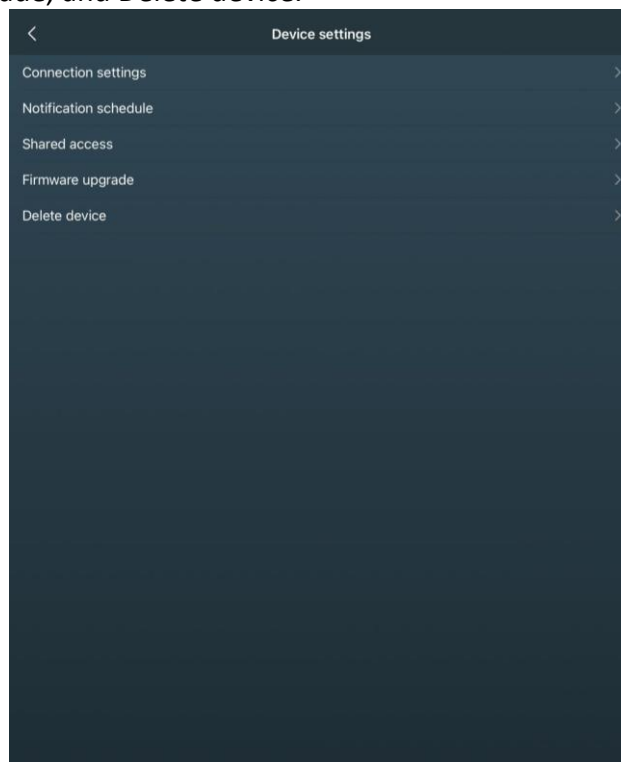


Fig.14. Device settings menu

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

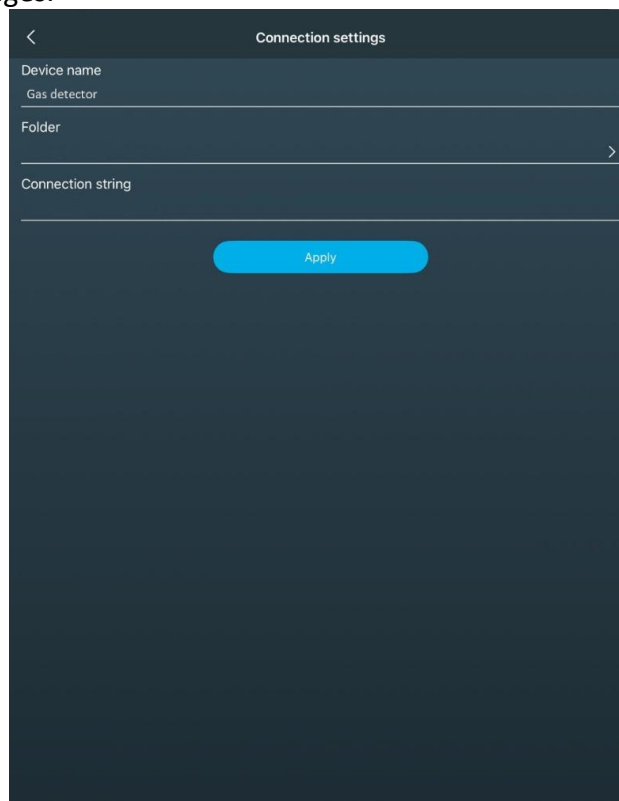


Fig.15. Connection settings

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

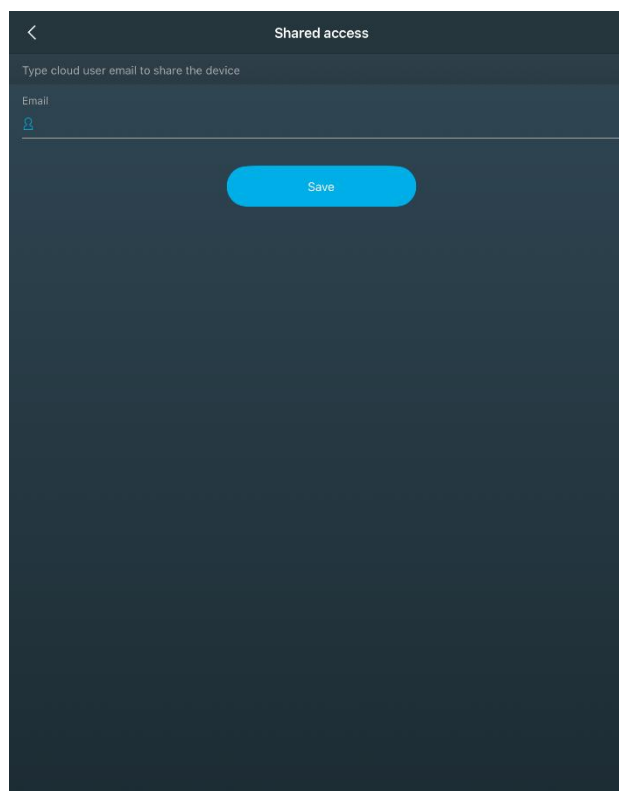


Fig.16. Shared access

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.

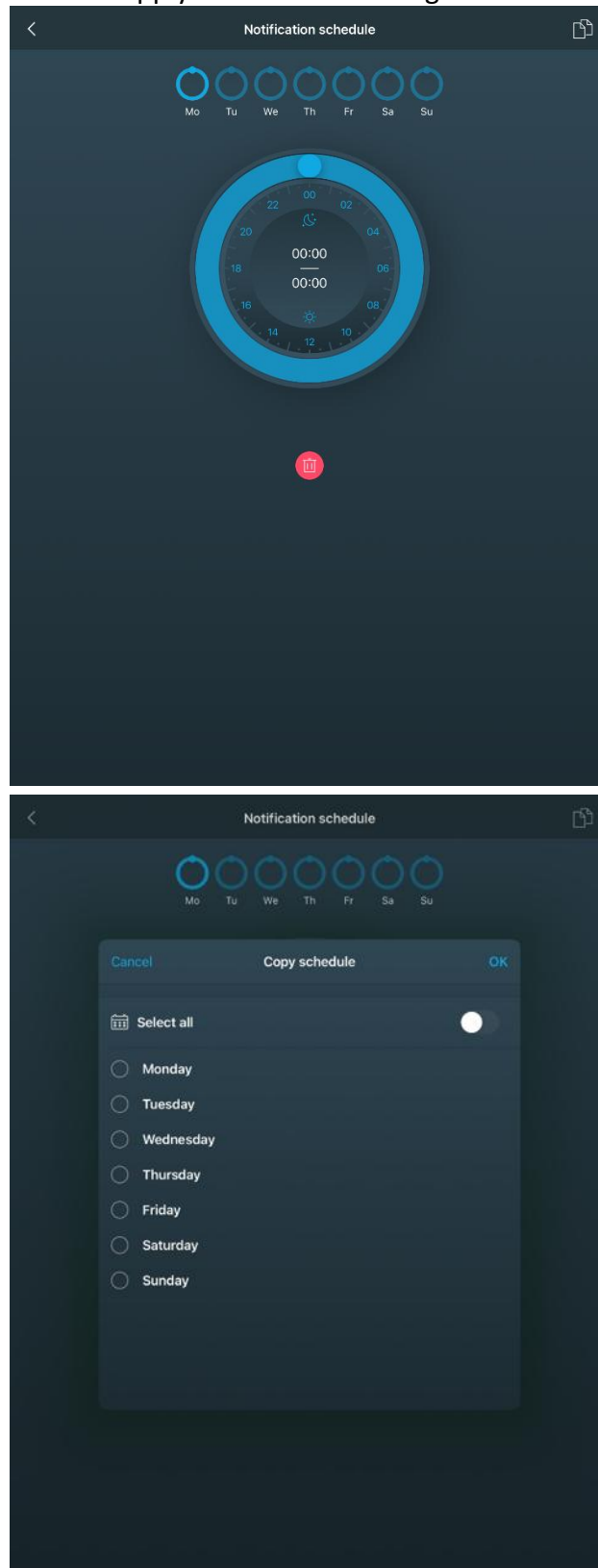


Fig.17. Notification schedule and copy-schedule dialog

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.

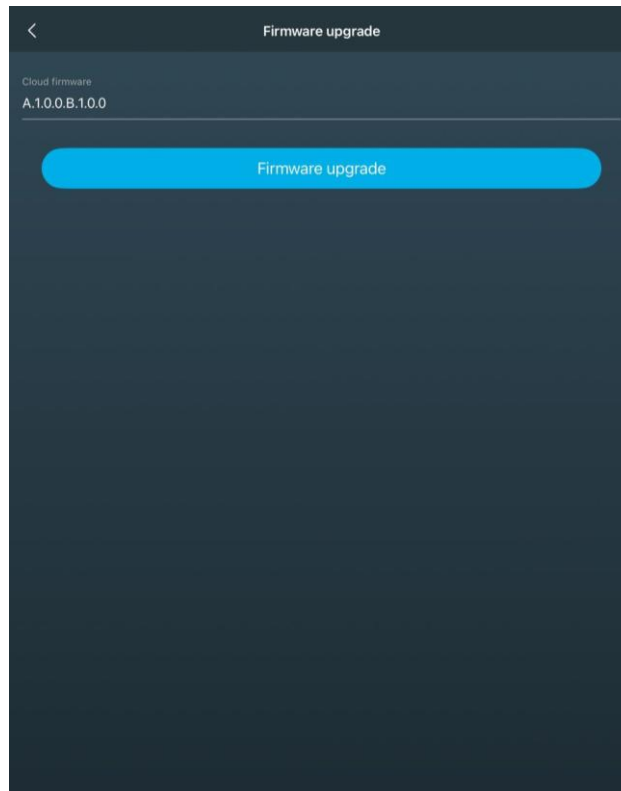


Fig.18. Firmware upgrade

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.

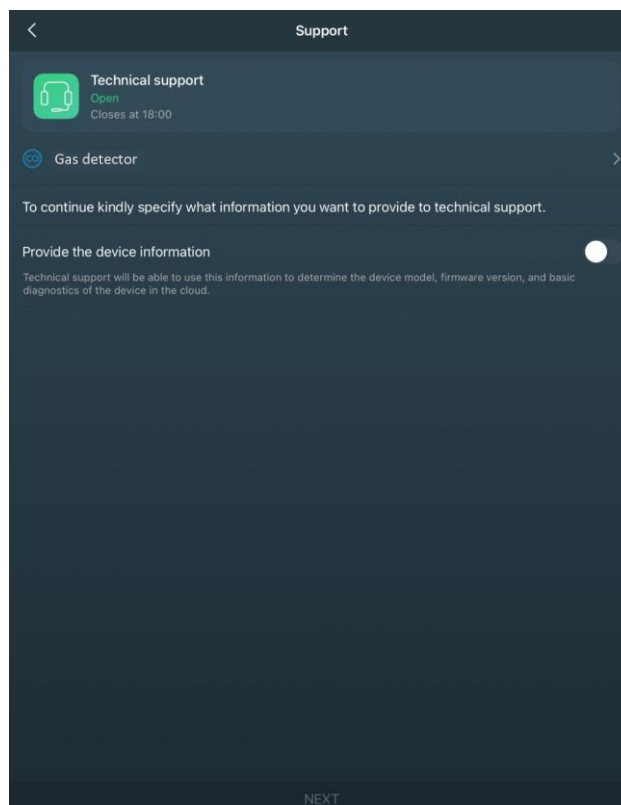


Fig.19. Support

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

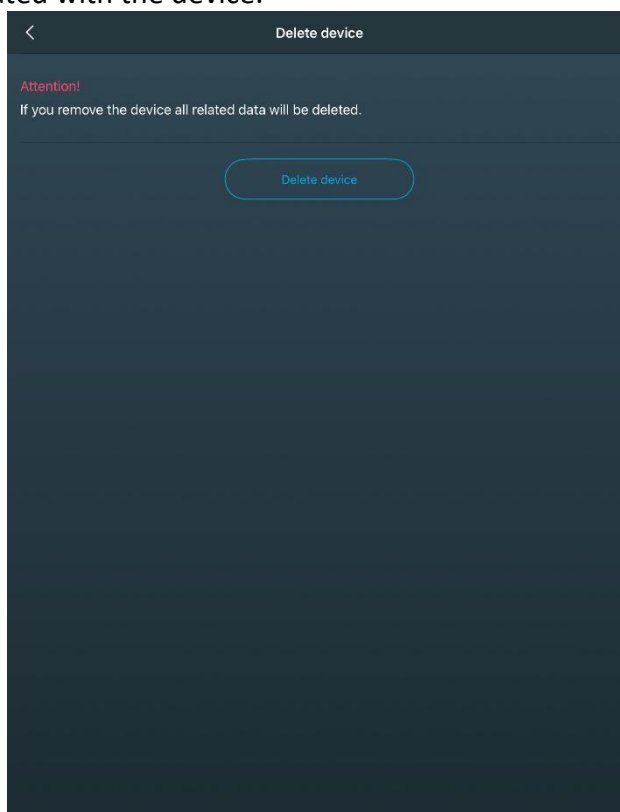


Fig.20. Delete device

5. Maintenance and safety notes

Power supply: The device is powered directly from the mains via its built-in plug; it has no removable batteries. Plug it directly into a wall socket. Do not use extension cords, multi-socket adaptors, or switched sockets that could be turned off accidentally, and make sure the socket remains easily accessible so the device can be unplugged quickly if needed.

Installation: Install the device by plugging it into a wall socket close to gas-burning appliances such as stoves, boilers, and gas heaters, ideally within 1-3 m of the appliance and no more than around 30 cm below ceiling level for natural gas (which is lighter than air) or near floor level for LPG (which is heavier than air); check the product datasheet for the gas type this model detects. Avoid sockets in bathrooms or areas with high humidity or steam, and keep the device away from strong draughts, extractor fans, or open windows that could disperse gas away from the sensor and delay detection.

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 device 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 device is far from the hub, consider adding a Zigbee repeater or a mains-powered Zigbee device between them to extend coverage.

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. The gas sensor has a limited service life, typically around 5-7 years; 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. Never use open flame or vehicle exhaust to test the sensor.

Limitations: This sensor is a supplementary monitoring device and is not a substitute for a certified life-safety gas alarm where one is required by local building codes or regulations. It should not be relied upon as the sole means of protection in situations where failure to detect a hazardous gas concentration could result in injury, loss of life, or serious property damage. If you suspect a gas leak, do not operate any electrical switches, ventilate the area immediately, evacuate, and contact emergency services before troubleshooting the device.

Contacts:

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Email: support@partizan.global

Telegram: https://t.me/PartizanSupport_bot