MHA-100-KS V1.1 – User Operation Guide

The MHA-100-KS mini house alarm is designed for simple everyday use. No keypads, passwords, or PIN codes are required. Just a key-switch to change modes and reset the alarm.

🔵 LED Indicators

- Left LED (Status): Shows the alarm's current mode and sensor activity.

- Right LED (Power): Confirms the alarm is powered on.

🔑 Using the Key-switch

- Supplied with two keys.

- Functions:

    - Switch between Standby and Armed modes.

    - Reset the alarm after it has been triggered.

- Operation:

    - With the key pointing towards Standby, the alarm is in Standby mode.

    - With the key pointing towards Armed, the alarm is in Armed mode after the exit delay period has expired.

- The key can be removed from both positions, it is important not to leave the key in the switch.

🟢 Standby Mode

Use when the area is occupied (except at night if monitoring is required).

- Sensors: Movement detected by PIR sensors will not trigger the alarm.

- Status LED: Normally off. Lights up briefly when movement is detected, confirming sensors are working.

    - 👉 Recommended: Perform this test monthly.

- Panic Buttons: Active in Standby mode.

    - Triggering a panic alarm sounds the siren for ~4 minutes.

    - Siren resets automatically but can be re-triggered.

🔴 Armed Mode

Set when leaving the area or before going to sleep.

- Activation:

    - Set the switch to the Armed position → exit delay begins (~20 seconds).

    - At ~18 seconds, siren beeps twice (warning that arming is imminent).

    - Once armed, Status LED stays on steadily.

- Channels:

    - Entry delay channel: Allows time to disarm when entering.

    - Instant channel: Triggers siren immediately.

    - Panic buttons remain active.

    - Should the alarm be triggered whilst armed, the siren sounds for ~3minutes.

    - The alarm can be re-triggered whilst away.

- Entry/Exit:

    - Always use the timed area.

    - Set the switch to the Standby position → alarm returns to Standby.

- Triggered Alarm Check:

    - If Status LED flashes when you return, the alarm was activated while you were away.

    - Investigate to confirm whether it was a false alarm.

🌙 Night-Time Operation

- Arm the alarm before going to bed.

- Place sensors so they do not cover areas you may walk through at night (e.g., bathroom routes).

- In the morning, set the alarm back to Standby before entering monitored areas.

Battery / Power Failure:
If the power fails whilst you're away and the backup battery runs flat. The alarm will power up in its last mode when power is restored.

🏠 MHA-100-KS Quick User Cheat Sheet

🔵 LED Indicators

LED	State	Meaning
Power LED (Right)	On (steady)	Alarm powered
	Off	No power
Status LED (Left)	Off	Standby Mode
	On (steady)	Armed Mode
	Flashing	Alarm was triggered while away
	Brief flash in Standby	PIR sensor detected movement (sensor test)

👉 **Tip:** Test sensors monthly by walking past them in Standby — Status LED should flash.