

QUICK REFERENCE GUIDE

Model MICN109

OPERATIONAL SUMMARY

| AUDIBLE & VISUAL SIGNALS | | | | | CONDITION / RECOMMENDATION |
|--|---|---|--|---|---|
| HORN | POWER GREEN LED | SMOKE RED LED | GAS BLUE LED | CO RED LED | |
| Silent | On and Blinks Off approx every 20 seconds | Off | Off | Off | Condition: AC power is present. DC power is present. Recommendation: None |
| Silent | Off and Blinks On approx every 40 seconds | Off | Off | Off | Condition: Alarm is powered by battery backup. AC Power is not present. Recommendation: Check the breaker or fuse box for power. If the breaker or fuse box looks normal, call a licensed electrician for assistance. |
| 3 beeps, 2 second pause, 3 beeps, 6 second pause, 4 beeps, 5 second pause, 1 beep | Turns off when the 3 beeps start | Blinks On during the cycle of 3 beeps and turns off | Blinks On in sync with the 1 beep | Blinks On in sync with the cycle of 4 beeps and turns off | Condition: The test/silence button has been pressed. The test sequence lasts for approx. 20 seconds. Recommendation: None |
| Horn does not sound when other alarms are active or when interconnected alarm's test/reset button is pressed | *See below | Off | Off | Off | Condition: One or more alarms not responding to interconnected alarm. Recommendation: Press and hold the smoke alarm Test/Silence button for at least 5 seconds. If still no alarm, turn off AC Power at the circuit breaker or fuse box and disconnect the alarm from the mounting bracket and make sure the connector plug is securely attached on units that did not alarm. If still no alarm, have a licensed electrician make sure the yellow wire is not mistakenly or accidentally connected to the white (neutral) wire. |
| 3 Beeps, 2 second pause, repeat | Turns off when the 3 beeps start | Blinks On approx. once every second | Off | Off | Condition: Originating Smoke Alarm. Recommendation: If hazard is identified, take all precautions if an alarm sounds by calling an Emergency Service and getting out of the home. |
| 3 Beeps, 2 second pause, repeat | Turns off when the 3 beeps start | Off | Off | Off | Condition: Non-originating Smoke Alarm. Recommendation: Another interconnected smoke alarm has sensed smoke, causing all interconnected units to sound. If hazard is identified, take all precautions if an alarm sounds by calling an Emergency Service and getting out of the home. |
| 4 Beeps, 5 second pause, repeat | Turns off when the 4 beeps start | Off | Off | Blinks On in sync with 4 beeps | Condition: Originating CO Alarm. Recommendation: If hazard is identified, take all precautions if an alarm sounds by calling an Emergency Service and getting out of the home. |
| 4 Beeps, 5 second pause, repeat | Turns off when the 4 beeps start | Off | Off | Off | Condition: Non-originating CO Alarm. Recommendation: An interconnected CO alarm has sensed CO, causing all interconnected units to sound. If hazard is identified, take all precautions if an alarm sounds by calling an Emergency Service and getting out of the home. |
| 1 Beep, 2 second pause, repeat | Turns off when the 1 beep starts | Off | Blinks On in sync with the 1 beep | Off | Condition: Originating GAS Alarm. Recommendation: If hazard is identified, take all precautions if an alarm sounds by calling an Emergency Service and getting out of the home. |
| 1 Beep, 2 second pause, repeat | Turns off when the 1 beep starts | Off | Off | Off | Condition: Non-originating GAS Alarm. Recommendation: An interconnected GAS alarm has sensed GAS, causing all interconnected units to sound. If hazard is identified, take all precautions if an alarm sounds by calling an Emergency Service and getting out of the home. |
| Horn sounds when no hazard is present | Turns off when the beeps start | Off or Blinks On approx. once every second | Off or Blinks On in sync with the 1 beep | Off or Blinks On in sync with 4 beeps | Condition: Nuisance Alarm. Recommendation: If there is no hazard present, verify the alarm mounted in the correct location (see User's Manual). Reset alarm as instructed below. |
| 3 Beeps, 2 second pause, repeat | Turns Off when the 3 beeps start | Blinks On approx. once every second | Off | Off | Condition: Smoke alarm when cause of alarm is known and poses no threat. Recommendation: The smoke alarm Silence Feature can be activated by pressing and releasing the Test/Silence button on the initiating alarm while in alarm condition. Silence mode will last for approx. 8-12 minutes (with the red LED blinking on approx. every 10 seconds). |
| 4 Beeps, 5 second pause, repeat | Turns off when the 4 beeps start | Off | Off | Blinks On in sync with 4 beeps | Condition: CO alarm when cause of alarm is known and poses no threat. Recommendation: The CO alarm Silence Feature can be activated by pressing and releasing the Test/CO Silence button on the initiating alarm while in alarm condition. The alarm will remain silent for approx. 5 minutes (with the red LED blinking on approx. every 10 seconds), depending on the level of CO detected. If CO levels drop below alarm levels, the alarm will remain silent and return to normal operation. If CO levels remain constant or increase, this indicates a potentially dangerous situation and the horn will sound again. Ventilate area. |

OPERATIONAL SUMMARY (continued)

| AUDIBLE & VISUAL SIGNALS | | | | | CONDITION / RECOMMENDATION |
|-----------------------------------|---|--|--|--|--|
| HORN | POWER GREEN LED | SMOKE RED LED | GAS BLUE LED | CO RED LED | |
| Silent (alarmed previously) | On and Blinks Off approx every 20 seconds | Off or Blinks On approx every 5 seconds until reset | Off or Blinks On approx. every 5 seconds until reset | Off or Blinks On approx. every 5 seconds until reset | Condition: Previous alarm condition at unidentified source. Recommendation: QUICK FIND® Alarm Origination - In an interconnected system, it is difficult to determine which alarm initiated the alarms to sound. The QUICK FIND® feature will immediately allow you to locate the originating alarm (once the alarms have stopped sounding). To initiate QUICK FIND®, press and hold the test/silence button on any alarm until the test sequence on this alarm begins. Release the test button. The specific horn pattern/sequence is designated by the alarm type. Once this test sequence ends, the originating alarm continues to sound for approximately 60 seconds. In a non-interconnected installation, it is necessary to test each alarm to determine the originating alarm. Reset the originating alarm. |
| Horn has stopped sounding | On and Blinks Off approx every 20 seconds | Off and Blinks On approx every 5 seconds until reset | Off | Off | Condition: Latching smoke LED indicator. The alarm has previously detected smoke and had alarmed. Recommendation: Follow the reset instructions to remove the latching LED. |
| Horn has stopped sounding | On and Blinks Off approx every 20 seconds | Off | Off | Off and Blinks On approx every 5 seconds until reset | Condition: Latching CO LED indicator. The alarm has previously detected CO and had alarmed. Recommendation: Follow the reset instructions to remove the latching LED. |
| Horn has stopped sounding | On and Blinks Off approx every 20 seconds | Off | Off and Blinks On approx every 5 seconds until reset | Off | Condition: Latching GAS LED indicator. The alarm has previously detected smoke and had alarmed. Recommendation: Follow the reset instructions to remove the latching LED. |
| Silent (alarmed previously) | On and Blinks Off approx every 20 seconds | Off or Blinks On approx every 5 seconds until reset | Off or Blinks On approx every 5 seconds until reset | Off or Blinks On approx every 5 seconds until reset | Condition: Alarm needs to be reset due to abnormal operation/previous alarms. Recommendation: To reset the alarm, hold the Test/Silence button for 10 seconds or until the blue LED turns on. This will clear the alarm origination and latching LEDs. Reset after each alarm event. |
| 1 Chirp approx. every 40 seconds | On and Blinks Off approx every 20 seconds | Off | Off | Off | Condition: Low battery. Recommendation: Check to make sure a battery is present in the drawer, the battery activation pull tab has been completely removed, battery polarity is correct and the battery terminals are making contact with the smoke alarm contacts in the battery drawer. If chirp continues, replace the 9V battery (see User's Manual for recommended battery types). |
| 3 Chirps approx. every 20 seconds | On and Blinks Off approx every 20 seconds | Off | Off | Off | Condition: Sensor Trouble/Sensor End-of-Life Alarm. Recommendation: Reset the alarm. If this does not clear the problem, replace alarm. |
| 2 Chirps approx. every 20 seconds | On and Blinks Off approx every 20 seconds | Off | Off | Off | Condition: Product End-of-Service Life Notification. Recommendation: Replace the alarm immediately. The product end-of-service life notification can be temporarily silenced for a 10 hour period for up to 20 days. After 20 days, the warning cannot be silenced. The alarm should be replaced immediately. |

RESET INSTRUCTIONS: Press the Test/Silence button for 10 seconds, or until the blue LED turns on, and then release. This will clear the alarm latching LED's and clear the alarm origination. Be sure to RESET alarms after each alarm event.

QUICK FIND® Alarm Origination/Location Feature: The QUICK FIND® feature will allow you to immediately locate the originating alarm (the alarm that triggered the other alarms), once the alarms have stopped sounding.

1. Press and hold the test/silence button on any alarm until the test sequence on this alarm begins. Release the test button. The specific horn pattern/sequence is designated by the alarm type.
2. Once this test sequence ends, the originating alarm continues to sound for approximately 60 seconds, which provides ample time to locate the originating alarm.
3. Remember to **reset the originating alarm** in order to clear the QUICK FIND® and return the system to normal operation.

NOTE: If you have any additional questions about the operation of your alarm, please contact our Customer Service Department at 1-800-390-4321, and we will gladly assist you.

* During 120 volt operation On and Blinks Off approx. every 20 seconds.
During 9 volt (DC backup) operation, blinks On approx. every 40 seconds.

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