The Wireless Carbon Monoxide Alarm contains a sounder which generates the ANSI Z334.1 2009:45 second hush test (press button to hush for 12 hours). Be sure to replace the battery with a fresh one when the 45 seconds are complete.

The Wireless Carbon Monoxide Alarm is intended for use with wireless alarm systems. The Wireless Carbon Monoxide Alarm is designed to measure compliance with Occupational Safety & Health Administration (OSHA) commercial and industrial standards.


contents of box:
- Wireless Carbon Monoxide Alarm with base
- Installation guide
- Pack of screws and fittings
- Stickers as appropriate
- Pack of screws and anchors provided. Maneuver the base so the screws are at the elbow position for an easy installation.

After power-up has completed and the detector is functioning normally, the green LED blinks once every 12 seconds.

When the sensor supervision is in trouble condition, the yellow LED blinks once every 23 seconds and there is a chirp every 6 seconds. After 12 hours the panel will display a loss of supervision message.

Table 1.

<table>
<thead>
<tr>
<th>State</th>
<th>LED(s)</th>
<th>Status</th>
<th>Breakdown of how the LED and Audible Sound are generated</th>
<th>Audible Sound</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal</td>
<td>Green</td>
<td>Normal</td>
<td>On screen Alert</td>
<td>On screen and sounder</td>
</tr>
<tr>
<td>Fault</td>
<td>Red</td>
<td>Fault</td>
<td>On screen Fault</td>
<td>On screen and sounder</td>
</tr>
<tr>
<td>Alarm</td>
<td>Yellow</td>
<td>Alarm</td>
<td>On screen Alarm</td>
<td>On screen and sounder</td>
</tr>
<tr>
<td>Low Battery</td>
<td>Yellow</td>
<td>Low Battery</td>
<td>On screen Low Battery</td>
<td>On screen and sounder</td>
</tr>
<tr>
<td>Battery Low</td>
<td>Yellow</td>
<td>Battery Low</td>
<td>Audible Alarm</td>
<td>Audible alarm (user can hush for 12 hours)</td>
</tr>
<tr>
<td>Power Off</td>
<td>Green, yellow, red</td>
<td>Power off</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Tamper</td>
<td>Yellow</td>
<td>Tamper</td>
<td>Audible Alarm</td>
<td>Audible alarm (user can hush for 12 hours)</td>
</tr>
</tbody>
</table>

Unautorized changes or modifications could void the user’s authority to operate the equipment.

BATTERY INSTALLATION AND REPLACEMENT
To replace the battery:
1. Remove the detector from its mounting base by twisting the detector counterclockwise. Remove and dispose of the battery according to your local regulations.
2. To ensure proper power-down sequence, wait a minimum of 20 seconds before installing new battery.
3. Install a new 3V CR2032 Panasonic Lithium battery (available from your Panasonic dealer in the battery compartment. Follow the polarity diagram inside.
CAUTION
Airborne dust particles can enter the detector. 2Gig Technologies recommends the removal of detectors before beginning construction or any other dust-producing activity. Carbon monoxide detectors are not to be used with detector guards unless the combination has been evaluated and found suitable for that purpose.

Tamper Protection
This detector has a built-in tamper switch that will cause a Tamper signal to be displayed on the control panel if the alarm system is tripped from its detector base. Be sure that the device is securely fastened to the wall. If the alarm system signal is still present, contact the technician and consult the manufacturer's instructions, or contact the manufacturer directly for more information about CO safety and this equipment. Make sure that motor vehicles are not, and have not been, operating in an attached garage or adjacent to the residence.

TESTING THE DETECTOR
NOTE: Before testing, notify the central station that the detector system is undergoing maintenance in order to prevent unwanted alarms. Testing the detector will cause an alarm on the control panel. The detector should not be tested unless the premises should be well ventilated when household cleaning supplies or similar contaminants are used.

TESTING DETECTOR OPERATION
This test checks the detector's sounder, LEDs, and transmitter.
1. The button is located on the detector housing.
2. Press and hold the test button for a minimum of 5 seconds. The alarm panel will trigger and then the detector will go into alarm. The sounder begins the alarm sequence immediately. The red LED blinks. The alarm panel's keypad should display the detector's name in alarm.

CAUTION: Carbon Monoxide Gas and its Detection
This carbon monoxide detector is designed for indoor use only. Do not expose to rain or moisture. Do not knock or drop the detector. Do not open or tamper with the detector as this could cause malfunction. The detector will not protect against the risk of carbon monoxide poisoning if net properly installed.

CAUTION: This device will only detect the presence of carbon monoxide gas at the sensor. Carbon monoxide gas may be present in other areas.

This carbon monoxide alarming device is designed to detect carbon monoxide gas from ANY source of combustion. It is NOT designed to detect smoke, fire or other gases unless the product has been investigated and determined to comply with applicable requirements.

This detector should not be installed as a substitute for proper installation, use, and maintenance of fuel burning appliances, including appropriate ventilation and exhaust systems.

Carbon monoxide gas is a highly poisonous gas which is released when fuels are burned. It is invisible, has no smell and is therefore impossible to detect with the human senses. Under normal conditions in a room where fuel burning appliances are well maintained, and properly vented, the amount of carbon monoxide released into the room by appliances should not be dangerous.

Figure 3. Wireless Carbon Monoxide Alarm

This detector is manufactured with a long-life carbon monoxide sensor. Over time, the sensor will lose sensitivity, and will need to be replaced with a new carbon monoxide detector. The detector's lifespan is 5 years from the date of manufacture.

NOTE: When the detector is removed from its base, a Tamper message is sent to the central station. The detector will also cause a trouble condition once it has reached the end of its useful life. If this occurs, it is time to replace the detector.

NOTE: Before replacing the detector, notify the proper authorities that maintenance is being performed and the system will be temporarily out of service. Disable the zone or system undergoing maintenance to prevent unwanted alarms. Dispose of the detector in accordance with any local regulations.

NOTE: This device will continue to transmit to the central station if the base is removed from the detector. If this occurs, it is time to replace the detector.

CAUTION
It should be noted the installation, operation, testing and maintenance of the Wireless Carbon Monoxide Alarm is different than smoke detectors. Per NFPA 720 section 5.3.7.2 the detector shall not be connected to a zone that signals the same condition (i.e. smoke detectors zones). Therefore, the Wireless Carbon Monoxide Alarm must be programmed as a non-fire zone. See the control's Installation Instructions for the appropriate carbon monoxide zone type to be programmed.

SPECIFICATIONS
Power Source: One 3-volt CR123A Lithium Battery (included)
Audible Signal (4 tone) 85db @ 1 meter (alarm at 100dB@3m)
Operating Current: 10 μA
Temperature Range: 40°F (4.4°C) to 100°F (37.8°C)
Operating Humidity Range: 10% to 95% Relative Humidity, non-condensing
Agency Listings: UL standard 2075, UL 2034 and CSA 6.19-01

Fig. 2. Mounting the detector

1. Excessive spillage or reverse venting of fuel-burning appliances caused by - poorly designed or maintained chimneys and/or vents,
   - loose vent pipe connections from fuel-burning appliances, including appropriate ventilation and exhaust systems.
   - high gusts of wind, and insufficient draft in the vent pipes,
   - negative pressure differential resulting from the use of exhaust fans,
   - simultaneous operation of several fuel-burning appliances competing for limited internal air.

2. Temperature inversions that can trap exhaust gases near the ground.

3. The premises should be well ventilated when household cleaning supplies or similar contaminants are used.

4. Car idling in an open or closed attached garage, or near a home.

5. Car idling in an open or closed attached garage, or near a home.

6. If service signal sounds, one chirp, then check the service section to try and correct.

7. After following steps 1-6, if your alarm reacts within a 24 hour period, repeat steps 1-7 and call your local qualified technician to investigate for sources of these symptoms.

The following symptoms may be related to CARBON MONOXIDE POISONING

Mild exposure:
- Headache, running nose, sore eyes, often described as ''flu-like'' symptoms

Medium exposure: Dizziness, drowsiness, vomiting
- Extreme exposure: Unconsciousness, brain damage, death

Many causes of reported CARBON MONOXIDE POISONING indicate that while victims are aware they are not well, they become so disoriented that they are unable to save themselves by either exiting the building or calling for assistance. The emergency services' responders have arrived, the premises have been aired out, and pour alarm remains in its normal condition.

5. Call your emergency local service, fire department or 911.

6. If service signal sounds, one chirp, then check the service section to try and correct.

7. After following steps 1-6, if your alarm reacts within a 24 hour period, repeat steps 1-7 and call your local qualified technician to investigate for sources of these symptoms.