



Installation Instructions:

- Flush or surface mount.
- Connect the existing ground wire to a ground source.
- Run one set of wires (22-24ga shielded recommended) from the screw terminals labeled ALARM on the RATH® SmartPhone to any of the paired sets of terminals labeled TB2 or TB3 on the Junction Board. Up to 10 phones can be connected to a single Junction Board.
- Connect 24vac/vdc (must be battery or generator backed up) to the terminal labeled Power on the Junction Board. The terminals are not polarity sensitive.

Testing:

- Disconnect the phone line from the RATH® SmartPhone. The alarm will sound within 13-14 minutes (once the test is done you can then program the phone to check the line at a longer interval up to 23 hours or leave it at 10 minutes). Otherwise, you can disconnect the phone line from the SmartPhone and press the phone push button. This will sound the alarm in 3-4 minutes.
- In alarm state, the LED will flash and the piezo will sound. There are three ways to reset the alarm status:
 1. Press the Reset Button located on the Alarm Board. This will temporarily turn off the piezo buzzer (it will resound within 24 hours, unless phone line is restored).
 2. Turn the external key switch connected to the Alarm Board. This will temporarily turn off the piezo buzzer (it will resound within 24 hours, unless phone line is restored).
 3. To turn off the LED and the piezo buzzer, reconnect an active phone line. The phone will reset the Alarm Board after a few seconds.

Troubleshooting:

- To test the LED and the piezo on the Alarm Board, and to make sure it is properly connected to the Junction Board, press the button labeled PB1 on the Junction Board. This should cause the LED to flash and the piezo buzzer to sound.
- If the alarm is always going off on the phone, verify that the line check on the SmartPhone is turned on by pressing Enter, 23 Enter 3, 23 Enter 7284, 11 Enter 1.
- Verify Alarm Terminals on the SmartPhone show NO when phone line is connected, and closed when phone line is pulled from the phone and it is in an alarm state.
- If the LED on the Alarm Board is blinking but the piezo is not sounding, verify key switch is not set to Normally Closed instead of Normally Open.