Technical Field Bulletin

Issued: March 11, 2008

System Sensor SpectrAlert® Advance
Outdoor Horns, Strobes, and Horn/Strobes

Summary of issue: We have identified an issue with the mounting plate for all "K" series outdoor horns, strobes, and horn/strobes. The mounting plate for these devices uses a shorting spring between the two positive terminals (see diagram below) to allow wiring continuity to be verified without the device installed. After installation, if the device is removed from the plate, the contact should be disengaged, resulting in a trouble indication at the panel.

It has been determined that on outdoor units only the rubber gasket around the mounting plate may not allow the contact to be locked open when the device is attached. As a result, if the device is ever removed from the mounting plate, the panel may not detect a trouble signal. **It is important to note that any installed product remains operational in all cases.**



Model numbers: The affected models are all "K" series outdoor horns, strobes and horn/strobes: HRK, P2RK, P2RHK, PC2RK, PC2RHK, SRK, SCRK, SRHK, SCRHK, P4RK, P4RHK, PC4RK, PC4RHK, and all replacement models HRK-R, P2RK-R, P2RHK-R, PC2RK-R, PC2RHK-R, SRK-R, SCRK-R, SRHK-R, SCRHK-R, P4RK-R, P4RHK-R, PC4RK-R, PC4RHK-R

Corrective actions – System Sensor: Effective Monday, March 3, 2008, all new System Sensor outdoor horns, strobes, and horn/strobes will ship with mounting plates that have the shorting spring in the "locked" open position. This will ensure that the panel is able to detect a trouble signal if the product is removed from the mounting plate. As a result the capability to check for wiring continuity is currently disabled for all outdoor devices.

Corrective Actions – installed units: The issue can be corrected for installed units by manually locking the contact into the "open" position as part of your regular maintenance schedule. This can be done by using a small flat head screwdriver and gently putting pressure on the dimpled area of the shorting spring. You can verify it is disengaged by ensuring the two metal pieces are not touching.

Further questions can be directed to System Sensor Technical Service at 1-800-SENSOR2 (800-736-7672).