

# SECURITY SYSTEM TROUBLESHOOTING CHART

Problem	Possible Cause	Solution
Key switch turns alarm off, but alarm sounds immediately when key switch is turned on	1. Faulty connection in switching unit loop.	1. Check each terminal screw in loop for satisfactory connection. Also check loop connection to bell. Test system for satisfactory reset.
	2. Defect in switching unit.	2. Place jumper across the terminals of each switching unit, one at a time, to test the system. Satisfactory reset indicates that the jumped switching unit is defective. Replace defective unit.
	3. Faulty conductor in two-wire loop cable.	3. Replace loop cable. Test system for satisfactory reset.
	4. Fault in solid-state switching circuit.	4. Replace entire bell assembly.
Alarm will not sound when door or window is opened	1. Batteries weak or exhausted.	1. Replace batteries; or recharge old batteries, if possible.
	2. Defective key switch.	2. Place jumper across the terminals of the key switch; then trigger system by opening a door or window. If alarm sounds, replace key switch.
	3. Defective solid-state switch.	3. Replace entire bell assembly.
False alarm occurs randomly	1. Door or window not fully closed.	1. Check to make sure doors and windows are fully closed.
	2. Loose connection in loop wiring.	2. Check each terminal location in loop. Jiggle wire at terminal to try to cause a false alarm. If alarm rings, repair loose connection.
	3. Faulty loop component.	3. Briskly tap each magnet switch and fire sensor. Replace unit that, when tapped, sets off false alarm.
	4. Defective solid-state switch.	4. Replace entire bell assembly.