

SK-4224 Basic Operating Instructions P/N 151066

These instructions must be framed and displayed next to the SK-4224 panel in accordance with NFPA 72 fire code for Local Fire Alarm System.

LED (Color)		Function	Comments
AC (green)		ON = Good AC OFF = Low AC trouble condition and it was acknowledged FLASHING = Unacknowledged AC Low trouble condition	If flashing press the ACK button to acknowledge the condition.
GENERAL TROUBLE (yellow)		ON = System trouble OFF = System OK FLASHING = At least one serial device is in trouble DOUBLE FLASHING = Two types of serial devices are in trouble.	
WALK TEST (yellow)		ON = Walk test is in progress OFF = Walk test is off. FLASHING = Walk test is on and at least one zone is not ready	Allow approximately 47 seconds between detector tests. In walk test when a detector is tripped it will cause an alarm for two seconds, then the control panel will drop power to the circuit for seven seconds to reset the detector. Then an additional 38 seconds is needed to restore the detector. If verification is used the time between detector test will be about 2 minutes and 30 seconds.
GND FAULT (yellow)		ON = Ground fault condition exists and was acknowledged OFF = No fault FLASHING = A ground fault condition detected	If flashing press the ACK button to acknowledge the condition.
LOW BATTERY (yellow)		ON = Battery low condition that has been acknowledged OFF = Good battery condition FLASHING = Battery low condition	If flashing press the ACK button to acknowledge the condition.
ZONE 1 Through ZONE 4	ALARM (red)	ON = Zone in alarm which has been acknowledged OFF = No Alarm FLASHING = Zone in alarm has not yet been acknowledged	If flashing press the ACK button to acknowledge the condition.
	SUPERVISORY (yellow)	ON = Zone has a supervisory condition which has been acknowledged (self-restoring condition) OFF = No supervisory condition exists FLASHING = Supervisory trouble detected on that zone that has not yet been acknowledged	If flashing press the ACK button to acknowledge the condition.
	TROUBLE (yellow)	ON = Zone has a trouble condition which has been acknowledged OFF = No zone trouble FLASHING = Zone has a trouble condition not yet acknowledged DOUBLE FLASHING = Zone was disabled CLEAN ME FLASHING = Indicates that the smoke detector needs cleaning	If flashing press the ACK button to acknowledge the condition. A "Clean Me Flash" is a flash with a long LED on Time and a short LED off time indicating that the smoke detector needs cleaning. Applies only to smoke detectors with the CLEAN ME feature. The "Clean Me" flash starts after the trouble condition has been acknowledged.
NAC 1 and NAC 2	ACTIVE (yellow)	ON = NAC is active during an alarm OFF = NAC is not active during alarm	
	TROUBLE (yellow)	ON = NAC has a trouble condition and was acknowledged OFF = No trouble condition FLASHING = NAC is in trouble DOUBLE FLASHING = Circuit was disabled	If flashing press the ACK button to acknowledge the condition.
SYSTEM SILENCED (yellow)		ON = System audible output has been silenced OFF = Nothing silenced FLASHING = Partially silenced	When condition that caused audio activation clears, this condition will clear automatically. Note: Silencing an alarm will cause a general trouble condition.

Cut Along the Dotted Line

Operation	Keystrokes
Disable notification appliance circuit. To re-enable the circuit, press [NAC DISABLE] again.	Press the appropriate [NAC DISABLE] key. The NAC circuit will be disabled and the corresponding TROUBLE LED will Double Flash. This function is not available during an alarm condition.
Disable a zone To re-enable the circuit, press [ZONE DISABLE] again.	Press the appropriate [ZONE DISABLE] key. The zone will be disabled and the corresponding TROUBLE LED will Double Flash. This function is not available during an alarm or supervisory condition.
Begin Walk Test	Press [WALK TEST]. Walk Test LED turns on. Note: Walk test will not activate if the control panel has a trouble, alarm, or supervisory condition.
End Walk Test (The test ends automatically after 10 minutes of no system activity.)	Press [WALK TEST]. NOTE: The Walk Test feature is not operational during an alarm, supervisory or any system trouble condition.
Acknowledge condition (alarm, supervisory, trouble)	Press [ACK]. The corresponding LED will change from blinking to steady for the duration of the condition. Except for CLEAN ME trouble indications.
Silence Panel	Press [SILENCE]. This will silence the on-board PZT and all active NAC circuits that have been configured as "silenceable".
Perform system reset	Press [RESET]. Resets alarms, supervisories, troubles and all LEDs.
Manual Dialer Test.	Press the [ACK] and [SILENCE] buttons at the same time.
Dialer Reset.	Press the [RESET] and [WALK TEST] buttons at the same time.

For Service Contact:	
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