

K9 Heat Alarm™ Owners Manual

by AceK9.com™ a division of Radiotronics, Inc.

Your K9 Heat Alarm™ is our newest state of the art product designed and developed by ACEK9.COM™ a division of Radiotronics, Inc. It is a unique blend of positive features taken from actual field use of the original K9 Lifeguard Product plus the incorporation of a new microprocessor control system. The following are a few of the new features:

- Dual Temperature Sensors with extended 15 feet cables – allows BOTH Temperature Sensors to be placed in the most effective locations
- Full Alphanumeric LCD Display – Comprehensive status reports with easy setup
- Non-Volatile Memory – Temperature Alarm and other settings are maintained even if power is lost.
- Vehicle's Battery Voltage Monitor – Displays Voltage & sets off alarm before Vehicle Battery fails
- Temperature Sensors Monitor – Warns if one sensor fails and sets off Alarm if both Temperature Sensors fail.
- Chrome Switch Guards – Protect Control Switches from K9 or Human error
- Software Upgradeable – As new features are developed, System can be easily updated
- Module design – Add new options as needs change

K9 Heat Alarm™ includes the Horn Alert. Optional Alert Features Include:

Dual Window Drop – Fan Activation (for existing or included Fan) – Remote Beeper – Police Lights Activation – Siren Activation

K9 Heat Alarm Power Up: Start the Vehicle and turn ON the Off/On Switch on the K9 HEAT ALARM™. If the unit is wired to a “Battery Hot” point, the Handler will have to manually turn the unit On & Off each shift. During Power Up the Display will show the Model Number, Trademark, Serial Number, Software Version and the Alarm Temperature Threshold Setting ending with the unit in the Operational Mode. The Operational Mode Displays the Dual Temperature Sensors Temperatures and the Vehicle's Battery Voltage. The Display and Lights brightness can be adjusted to a comfortable level by tapping the Push To Test button.

Alarm Temperature Threshold Programming: To adjust the Temperature Threshold Setting, proceed as follows. Press and hold the Push To Test Button and then turn ON the Power Switch. The Display will show “Entering Programming Mode”. Release the Push To Test Button and the current threshold setting will be displayed. Tap the Push To Test button to change to a new Alarm Temperature Threshold Setting. The Range is 85 to 95 degrees Fahrenheit. When you have the desired setting, wait a moment and the new Alarm Temperature Threshold Setting will be saved and the K9 Heat Alarm™ will Restart and return the Operational Mode. NOTE: The Alarm Temperature Threshold Setting is stored in Non-volatile Memory and is retained even if the power is lost.

Testing the Heat Alarm: Note: The K9 Handler should test the K9 Heat Alarm™ at the beginning of each shift. With the K9 Heat Alarm™ in the Operational Mode, press and hold the Push To Test button. The Display will show “Test Mode Alarm Activated”, the Lights will flash, the Internal Warning Tone is heard and all installed Full Alert Alarm options are activated. Release the Push To Test button and the K9 Heat Alarm™ will return to the Operational Mode.

Over Temperature Alarm: When a temperature that is above the Temperature Threshold Setting is sensed by either of the Dual Temperature Sensors, the K9 Heat Alarm™ goes into the Pre-Alert Mode. The Display will show “Pre-Alert Mode / ! HOT !, and the Temperatures, the Lights flash and the Internal Warning Tone is activated. The Pre-Alert Mode lasts approximately 15 seconds to allow the K9 Handler if he/she is present to turn Off the K9 Heat Alarm™ before the Full Alert Alarm options are activated. If the K9 Heat Alarm™ is not turned Off then the Display will show “FULL ALERT ALARM / OVER Temperature and the Temperatures and all installed Full Alert Alarm options are activated. The K9 Heat Alarm™ will continue the Full Alert Alarm Mode until the temperature in the vehicle returns below the Alarm Temperature Threshold Setting or until the unit is turned OFF. If the temperature returns below the Alarm Temperature Threshold Setting; the Full Alert Alarm Stops and the Displays shows a Note to advise the K9 Handler that an Over Temperature event has occurred. To clear the Note, the unit must be cycled Off .

Other Features:

Temperature Sensor Diagnostics: The Temperature Sensors are continuously monitored; if one of the Sensors fails or the connection is lost, the Displays shows a warning and a Light momentarily flashes. If both Temperature Sensors fail, the Display shows a warning and all the Full Alert Alarm options are activated.

Vehicle Battery Monitor: The vehicle's Battery is monitored and the Voltage is displayed. If the Battery Voltage falls below 10.8 Volts the LCD display a warning, if the voltage remains low all the Full Alert Alarm options are activated for 15 seconds to alert the Handler and to drop the Windows (if this option is installed) to provide ventilation for the K9 before the Vehicle's Battery fails completely.

Full Alert Alarm Options Monitor: If there is a problem with the connection to the alert options, the LCD displays a warning to the Handler to check the circuitry of the alert options.

IMPORTANT: It is the responsibility of the Installer and the Handler to confirm that all safety features are installed and working properly at the time of installation. The handler is also responsible to make continuing periodic checks of all safety systems of this product.