

# K9 Heat Alarm™ Owners Manual

## HA-1520

Your K9 Heat Alarm® is a 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 years of actual field use of our previous products and the incorporation of a microprocessor control system. The following are a few of the new features:

Temperature Sensor with extended 15 feet cables – allows Temperature Sensor to be placed in the most effective locations

Full Alphanumeric LCD Display – Comprehensive status reports with Temperatures and battery voltage displayed.

Non-Volatile Memory – Temperature Alarm and other settings are maintained even if power is lost. No internal battery required.

Vehicle's Battery Voltage Monitor – Displays Voltage & sets off alarm before Vehicle Battery or charging system fails.

Temperature Sensors Monitor – Sets off Alarm if Temperature Sensors is damaged.

Software Upgradeable – As new features are developed, System can be easily updated.

Module Design – Add new options as needs change

### **Horn Activation is included and Optional Alert Accessories are:**

Dual Window Drop – Fan Kit – Remote Beeper

**K9 Heat Alarm Power Up:** If the unit is wired to a “Battery Hot” point, the handler will have to manually turn the unit ON & OFF by use of the MENU/POWER button. Momentarily pressing the MENU/POWER button will turn on the unit. To turn OFF the unit, hold the MENU/POWER button down until the system powers down. The unit may be controlled directly if its power wire is connected to ignition or external switch source. During power up the display will show information such as model number, serial number, and the Alarm Temperature Threshold Setting. Normal operational mode will commence by continuously displaying the Sensor temperature and the vehicle's battery voltage. The display brightness can be adjusted to a comfortable level by tapping the SELECT/TEST button.

**Alarm Temperature Threshold Programming:** To adjust the Temperature Threshold Setting press and hold the MENU/POWER button until you hear a steady tone. When you release the button the display will show “Menu Mode”. Next the temperature threshold will be displayed. Tapping the SELECT/TEST button will change this value. 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 to 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:** The handler is responsible for daily checks of the K9 Heat Alarm™ and all installed options. To fully test the system, adjust the vehicle's climate control to heat and raise the interior temperature to above alarm threshold and confirm proper temperature display and alarm activation. Pressing and holding the SELECT/TEST button will perform an alternate method of testing the systems. The display will show “Test Mode Alarm Activated” and flash, the internal warning tone is heard, and all installed Full Alert Alarm Options are activated. Release the SELECT/TEST button and the K9 Heat Alarm™ will return to normal operational mode.

**Over Temperature Alarm:** When a temperature above the Temperature Threshold Setting is sensed by the Temperature Sensor, the K9 Heat Alarm™ goes into the Pre-Alert Mode. The display will show “Pre-Alert Mode” and the sensor temperature, the display will flash and the internal warning tone is activated. The Pre-Alert Mode will continue for 30 seconds to allow the K9 handler, if present, to turn off the K9 Heat Alarm™. If the K9 Heat Alarm™ is not turned off, the display will show “FULL ALERT ALARM” and all installed options will be activated. The K9 Heat Alarm™ will continue the Full Alert Alarm Mode until the temperature in the vehicle drops below the Alarm Temperature Threshold Setting or until the unit is turned off. When the alarm condition is no longer present the unit resets automatically. The display will show a “NOTE” to advise the K9 handler that an Over Temperature Event has occurred. To clear the “NOTE,” tap the SELECT/TEST button while it is displayed or cycle the power OFF/ON.

### **Other Features:**

**Temperature Sensor Diagnostics:** The Temperature Sensor is continuously monitored. The display will show an error if the Sensor or cable is damaged. In the event the Temperature Sensor is not functioning the alarm will activate.

**Vehicle Battery Monitor:** The vehicle's battery is monitored and the voltage is displayed. If the voltage falls below 11 volts a warning will be displayed and an audible tone will be heard. If the voltage remains low all the Full Alert Alarm Options are activated for 10 seconds to alert the handler, and if the option is installed drop the rear windows. The K9 Heat Alarm™ will then reset and continue this cycle every minute until the unit is turned OFF or the vehicle's battery is discharged. This feature enables the most efficient use of a weak or failing vehicle battery.

Acek9.com Two (2) Year Limited Warranty. For details visit <http://www.acek9.com/Warranty>

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