

Hot-N-Pop® Pro HP-5010 Owners Manual

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

Patent Pending

Your Hot-N-Pop® Pro 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 our K9 Heat Alarm® and K9 Door Popper® Products 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
 - Dual Temperature Sensor Averaging – When enabled the system averages both sensors to reduce false alarms
 - E.S.M. Engine Stall Monitor™ – Alerts Handler of Engine Stall even BEFORE the vehicle's interior gets hot
 - Vehicle Battery Sentinel™ – Displays Vehicle's Battery Voltage & sets off alarm BEFORE Vehicle Battery fails
 - Exclusive S.O.S Horn Honk™ – Makes Vehicle Horn sound like no other Horn
- Fast Pop™ – The fastest Door Pop/Unlock ever, one push on the Long Range Remote Unlocks and then Pops Open the Door in less than one second
 - Door Popper Stopper® – Extremely important Safety Feature that prevents the Door from opening when the vehicle is in motion
 - Unlock Feature – Unlocks the Door when it is Popped
 - Gas Shock – Quickly opens and holds the Door to allow the canine an unobstructed release
 - External Antenna – Enables very long reliable range
 - Microprocessor Controlled and Full Alphanumeric LCD Display – Comprehensive Features and easy setup
 - Non-Volatile Memory – Temperature Alarm and other settings are maintained even if power is lost
 - Temperature Sensors Monitor – Warns if one sensor fails and sets off Alarm if both Temperature Sensors fail.

Hot-N-Pop® Pro Alerts include: S.O.S. Sound Horn Activation – Dual Window Drop – Police Lights Activation – Siren Activation
Optional Alerts are: Fan Activation (for existing or included Fan) – Remote Beeper

Hot-N-Pop® Pro Power Up: To turn ON Hot-N-Pop® Pro press the [MENU] Key for about 2 seconds. You will see the Start Up information including, Model Number, Copyright & Trademark Notices and the Serial Number. Then you will see the Settings of the many features, Button Help screens, and the System Test Reminder. The unit will then be in the Operational Mode, which displays the Dual Temperature Sensors Temperatures and the Vehicle's Battery Voltage. To turn OFF Hot-N-Pop® Pro press the [MENU] Key for about 3 seconds.

Snooze Mode: When the Hot-N-Pop® Pro is turned on and Snooze Mode is enabled, Snooze Mode will automatically appear if there is an over temperature or another condition that requires attention. A Snooze period of approximately 10 minutes allows you to get the vehicle running and cooled down for the safety of your K9. You can manually extend the Snooze Mode by pressing OK during a Snooze Mode Pre Alert. When the Hot-N-Pop® Pro has detected safe conditions the HOT status light will illuminate, indicating that it is operating. When the Hot-N-Pop® Pro does not detect a safe condition at the end of the snooze period the alarm will activate. **Note: During Snooze, the Handler is responsible to monitor the conditions for the canine.**

Menu Mode and Feature Settings: While in the Operational Mode, press the [MENU] key for about 1 second to access the Menu Mode to make changes to the Feature Settings. Note, pressing the [MENU] key for about 3 seconds will turn OFF the unit. You will see Menu Mode in the top of the Display and the first Menu Choice in the bottom of the Display. Press the [DOWN] key for the next Choice or the [UP] key for the previous Choice. When you see the Menu Choice that you want, press the [OK] key. Now use the [UP] and [DOWN] keys to adjust the Setting of that Menu Choice. When you have the Setting that you want, press the [OK] key. This will Save the new Setting and return you to the Menu Mode. You can use the [UP] and [DOWN] keys to select another Choice or press the [MENU] key to exit the Menu Mode. You can also use the [MENU] key to exit a Menu Choice without changing the Setting. When returning from the Menu Mode, you will see a review of all the settings. The Menu Structure is shown below. Note: Default Settings are in **Bold**.

Menu Choices	LCD Brightness	Door Pop Power	Heat Alarm Power	USA or Metric	Hot Set Point	Cold Set Point
Settings	Level is 5/5	ON all the Time	ON all the Time	Fahrenheit	Set @ 95°F	Set @ 37°F
	Through	OFF all the Time	ON with Ignition	Celsius	(Set @ 90°F)	(Set @ 32°F)
	Level is 1/5		OFF all the Time		Set @ 85°F	Set @ 27°F

Engine Stall Monitor	Temp Averaging Alarm	Auto Snooze Mode	Previous Alarms	Serial Numbers	Reset to Default	System Test
Enabled	Enabled	Enabled	Press any Key	Press any Key	Press [OK] to	Pressing [OK]
Disabled	Disabled	Disabled	to Review	to Review	Reset	to Test

LCD Brightness Default setting is 5/5 or full brightness but can be adjusted lower for your comfort.

Door Popper Power Default setting is ON so that even if the vehicle is not running the Door can be Popped to let the canine out in an emergency.

Heat Alarm Power Default setting is to turn ON with the Ignition because the Engine and A/C are usually left ON to keep the vehicle's interior cool.

USA or Metric Default setting is Fahrenheit but can be set to Celsius as required for your region

Hot Set Point Default setting is 90° to activate the Heat Alarm but can be adjusted from 77° to 95° as your needs require.

Cold Set Point Default setting is 32° to activate the Heat Alarm but can be adjusted from 27° to 37° as your needs require.

Engine Stall Monitor Default setting is enabled but can be disabled. ESM is automatically disabled if the Heat Alarm is set to ON all the Time and the Ignition is OFF.

Temperature Averaging Alarm Default setting is Enabled so the Temperatures of the Dual Temperature Sensors are AVERAGED thus reducing false alarms.

Auto Snooze Mode Default setting is Enabled so Auto Snooze Mode temporarily disables the Heat Alarm to allow time for the vehicle to cool down during start up.

Previous Alarms Displays the three previous causes of the Alarms.

Serial Numbers Displays the Serial Numbers of the Control Head and the IntelaBox.

Reset to Default Resets all features to their respective Factor Default settings.

System Test Pressing [OK] will begin a start a System Full Alert Test and also allow testing of all the Menu Keys.

NOTE: All Settings and Features are stored in Non-volatile Memory and are retained even if the power is lost.

K9 Door Popper®: The K-9 Door Popper® will enable you to release your canine to your aid when you are away from your vehicle. The Remote Control Transmitter is very small and easy to wear or conceal. The Door Popper Stopper™ Feature disables the K9 Door Popper® when the vehicle is in motion to prevent accidental Door opening and premature exit of your canine. The Gas Shock, when installed correctly, will push and hold the Door open fully, allowing easy exit for your canine. Insert the Remote Transmitter into the Belt Case with the button under the window area and place it on your belt in a safe and accessible location. Activate the K9 Door Popper® by pressing the button on the Remote Control Transmitter, or by pressing BOTH the [UP] and [DOWN] keys simultaneously on the Hot-N-Pop® Pro Control Head when you want to release the canine. Always make sure that the K9 Door Popper® is disabled when the vehicle is in gear. To confirm that the Door Popper Stopper™ Feature is wired and working correctly, **MAKE SURE that the K9 Door Popper's™ Ready Light illuminates ONLY when the gear lever is in PARK OR NEUTRAL**, if not, have the installer re-check the wiring. This Feature disables the Door Popper when the car is in motion.
DO NOT USE THIS PRODUCT WITHOUT THIS CRITICAL SAFETY FEATURE FULLY FUNCTIONAL!

K9 Heat Alarm®: The K-9 Heat Alarm® monitors the vehicle's interior Temperature, the Engine for Stalling, and the Vehicle's Battery Voltage. It will alert the Handler by **honking the Horn** with a unique **S.O.S. pattern**, rolling down **both rear Windows** for ventilation and activating the **Police Lights and Siren**. Other alert options include: activation of a **Remote Beeper** and activating a **large Fan** mounted in a rear window to provide immediate ventilation.

K9 Heat Alarm® Power Settings: The K-9 Heat Alarm® is set by default to turn ON with Ignition, however it can be set to be ON all the Time, or OFF all the Time. If your climate requires you to leave the vehicle running with the air conditioner ON to maintain a cool environment for the canine set K-9 Heat Alarm® to turn ON with Ignition. If your climate is more moderate and you sometimes leave your canine in the vehicle without the vehicle's air conditioner ON, roll down your windows before you leave and set K-9 Heat Alarm® to ON all the Time. If you are exiting LEAVING the canine in the vehicle, make sure the K-9 Heat Alarm® is ON and, if required for your climate, the Engine running with the air conditioner operating. If you are exiting WITH the canine and you have set the K-9 Heat Alarm® to be ON all the Time, make sure you turn it OFF so the Full Alert options don't activate unnecessarily.

Temperature Alarm: When a temperature that is above the Hot Set Point or below the Cold Set Point 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 !, or ! COLD ! and the Temperatures, the Lights flash and the internal Warning Tone is activated. The Pre-Alert Mode lasts approximately 30 seconds to allow the K9 Handler, if present, to put the unit into Snooze Mode or turn Off the K9 Heat Alarm® Feature before the Full Alert Alarm options are activated. If no action is taken by the handler and it remains hot the unit will display "FULL ALERT ALARM / ! HOT! or ! COLD ! and the Temperatures, and all installed Alert Features are activated. The K9 Heat Alarm® will continue the Full Alert Alarm Mode until the temperature in the vehicle returns to within the Alarm Temperature Threshold Settings or until the [MENU] key is pressed. If the temperature returns to within the Alarm Temperature Threshold Setting; the Full Alert Alarm Stops and the Displays shows a Reminder Note to advise the K9 Handler that a Temperature event has occurred. To clear the Reminder Note, Press [OK] while the Note is being displayed. The Snooze Mode allows the Handler to temporarily stop the Pre-Alert Mode during an Alarm condition. An example is entering a hot vehicle with the canine, starting the Engine and turning on the Air Conditioner and extending the time to allow for the vehicle to cool down. Snooze can only be used 3 times after which the Pre-Alert Mode will continue followed by the Full Alert Mode if the Alarm Condition still exists. Note: During Snooze the Handler is responsible to monitor the conditions for the canine.

Dual Temperature Sensor Averaging™: When enabled in the Menu Settings, the temperatures of both Temperature Sensors are averaged. The individual Temperature Sensor readings are displayed along with the calculated Average Temperature. This enables the K9 Heat Alarm® to obtain a much more accurate temperature of the interior of the vehicle. With Averaging enabled, unnecessary false alarms are avoided in marginal temperature conditions or when one of the Temperature Sensors is in direct sunlight thus possibly giving a false reading. In order to activate the alarm, the Temperature Sensor readings AVERAGED TOGETHER must reach the alarm threshold setting. As an additional safety measure however, the heat alarm is activated if either of the Temperature Sensors reading goes 10 degrees above the threshold setting.

Engine Stall Monitor™: When the Engine Stall Feature is enabled; Hot-N-Pop® Pro will monitor the engine. If the engine stalls, the display shows "Pre-Alert Mode! / Engine Stalled!", and the Temperatures, the Lights flash and the Internal Warning Tone is activated. The Engine Stalled and Pre-Alert Mode lasts approximately 45 seconds to allow the K9 Handler, if present, to Restart the Engine or put the unit into Snooze Mode or turn Off the K9 Heat Alarm® Feature before the Full Alert Alarm options are activated. If the K9 Heat Alarm® Feature is not turned Off or the Engine Restarted the Display will show "FULL ALERT ALARM / Engine Stalled! 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 Engine is Restarted or until [MENU] key is pressed. If the Engine is Restarted the Full Alert Alarm Stops and the Displays shows a Reminder Note to advise the K9 Handler that an Engine Stall Alarm was Active. To clear the Reminder Note, Press [OK] while the Note is being displayed. The Snooze Mode allows the Handler to temporarily stop the Pre-Alert Mode during an Alarm condition.

Returning to Vehicle during Alarm: Press the [MENU] key to stop the Alarm and secure the canine.

Vehicle Battery Sentinel™: The vehicle's Battery is monitored and the Voltage is displayed. If the Battery Voltage goes below 11.0 Volts or above 15 Volts the LCD display a warning. If the voltage remains below 11 volts all the Full Alert Alarm options are activated for about 8 seconds to alert the Handler and the rear Windows are lowered to provide ventilation for the K9 before the Vehicle's Battery fails completely.

Temperature Sensors Diagnostics: The Temperature Sensors are continuously monitored; if one of the Sensors fails or the connection is lost, the Display shows a warning message and the unit beeps. If both Temperature Sensors fail, the Display shows a warning message and all the installed Full Alert Alarm options are activated.

USA or Metric The Heat Alarm can be set to display and alarm in Fahrenheit or Celsius as required in your region.

Other The cause for Previous Alarms and Product Serial Numbers can be reviewed via the Menu Mode. Factory Default Settings can also be reset here.

Door Popper Remote Transmitter Battery If after a time, the Remote Transmitters range becomes reduced, it may require a new Battery. Remove the phillips head screw on the Remote to gain access to the small 12 volt Battery inside. A replacement Battery can be located at your local electronic store or by ordering one from us.

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. This includes turning ON the vehicle's heater raising the interior temperature to above alarm threshold and confirming proper temperature display and alarm activation.

Hot-N-Pop® Pro HP-5010 Quick Instructions by AceK9.com™ a division of Radiotronics, Inc.

To Turn the Unit ON: Press the [MENU] key for about 2 seconds
 To Turn the Unit OFF: Press the [MENU] key for about 3 seconds
 To Access the Menu Mode: Press the [MENU] key for about 1 second
 To Select a Menu Choice: Press the [UP] or [DOWN] as appropriate
 To Adjust Feature Settings: Press the [UP] or [DOWN] as appropriate

To Pop Open the Door: Press BOTH the [UP] or [DOWN] simultaneously
 To extend the Pre-Alert Mode: Press the [OK] to start the Snooze Mode
 To Stop the Full Alert Mode: Press the [OK] key
 To clear a Reminder Note: Press the [OK] key
 The Menu Structure is shown below. Note: Default Settings are in **Bold**.

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NOTES:

Always make sure that the Door Popper Stopper™ Feature disables the Door Popper when the car is in motion DO NOT USE THIS PRODUCT WITHOUT THIS

CRITICAL SAFETY FEATURE FULLY FUNCTIONAL! All Settings are stored in Non-volatile Memory and are retained even if the power is lost. During Snooze the Handler is responsible to monitor the conditions for the canine. **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.

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Extra Copy of Quick Instructions

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RADIOTRONICS, INC.

ONE YEAR WARRANTY

Radiotronics, Inc. and all of its subsidiaries guarantees the original purchaser of our products a one-year warranty from the date of original purchase against manufacturer defects in materials, workmanship and finish under normal use. Exclusions include damage resulting from road hazards, acts of nature, product misuse, and improper installation, impairments from accidents, product modifications or product neglect. This one-year warranty applies only to new products and is limited to the repair or replacement of original or equivalent products. Warranty does not include costs of removal, installation, labor, inconvenience or consequential damages. Original purchaser must return defective merchandise, along with the purchase receipt, to Radiotronics, Inc.

We urge all customers to register their product. This can be done at the following link via our web site.

http://www.acek9.com/warranty_reg/product_reg.htm

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