



Elgin, Illinois 60123  
800-323-5608

## OPERATING INSTRUCTIONS

**K40-1000/1000P**  
**K40-2000/2000P**

### L.E.D. LIGHTS (VISUAL DETECTION)

K40-1000 models have two L.E.D. lights that are installed in your vehicle - one red alert light and one bi-color city/highway light.

K40-2000 models add a second red alert light for separate rear detector indication.

K40-1000P models use a single L.E.D./piezo warning Pod installed in your vehicle.

K40-2000P models add a second warning Pod for separate rear detector indication.

### UNDETECTABLE CONTROL SWITCH

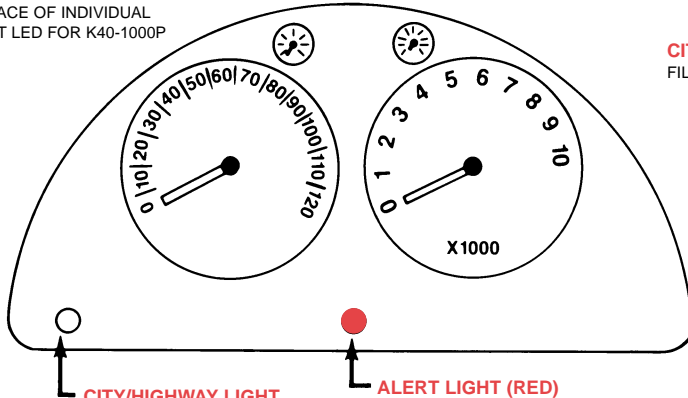
This switch controls the on-off/city-highway function and volume of the radar detector.

**On-Off/City-Highway Switch:** The large outer knob on the control switch is the on-off/city-highway control. When the switch is in the center position, the radar detector is off. In the clockwise position (right), the unit is in the "highway" mode. In the counter-clockwise position (left), the unit is in the "city" mode.

**Volume Control:** The smaller inner knob is the volume control adjustment. Clockwise (right) is the "loudest" position. Counter-clockwise (left) is the "quieter" position.

## OPERATING YOUR K40-1000/1000P UNDETECTABLE

**NOTE:** WARNING POD USED IN PLACE OF INDIVIDUAL ALERT LED FOR K40-1000P UNIT.



**CITY/HIGHWAY LIGHT**

(GREEN) = HIGHWAY (FILTER OFF)

(YELLOW) = CITY (FILTER ON)

\*USED WITH K40-1000/2000 UNITS ONLY.

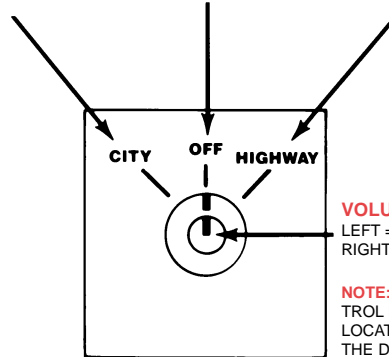
**ALERT LIGHT (RED)**

**NOTE:** CHECK WITH DEALER FOR PROPER LIGHT (L. E. D.) IDENTIFICATION

**CITY MODE**  
FILTER TURNED ON

**OFF**  
TURNS OFF ENTIRE UNIT

**HIGHWAY MODE**  
FILTER TURNED OFF



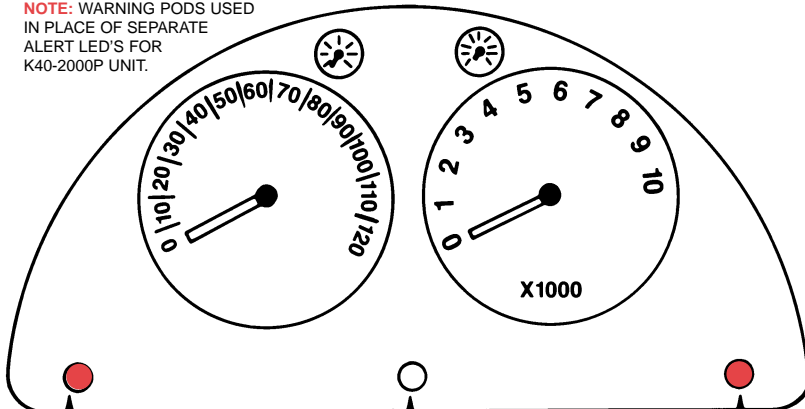
**VOLUME CONTROL**  
LEFT = LOW VOLUME  
RIGHT = HIGH VOLUME

**NOTE:** THE VOLUME CONTROL MODULE IS USUALLY LOCATED IN OR UNDER THE DASH

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## OPERATING YOUR K40-2000/2000P UNDETECTABLE

**NOTE:** WARNING PODS USED IN PLACE OF SEPARATE ALERT LED'S FOR K40-2000P UNIT.



**FRONT ALERT LIGHT (RED)**

INDICATES SIGNALS TO THE FRONT OF VEHICLE

**CITY/HIGHWAY LIGHT**

(GREEN) = HIGHWAY (FILTER OFF)

(YELLOW) = CITY (FILTER ON)

\*USED WITH K40-1000/2000 UNITS ONLY.

**REAR ALERT LIGHT (RED)**

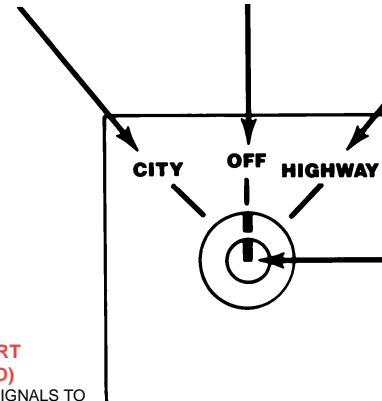
INDICATES SIGNALS TO THE REAR OF VEHICLE

**NOTE:** CHECK WITH DEALER FOR PROPER LIGHT (L.E.D.) IDENTIFICATION

**CITY MODE**  
FILTER TURNED ON

**OFF**  
TURNS OFF ENTIRE UNIT

**HIGHWAY MODE**  
FILTER TURNED OFF



**VOLUME CONTROL**  
LEFT = LOW VOLUME  
RIGHT = HIGH VOLUME

**NOTE:** THE VOLUME CONTROL MODULE IS USUALLY LOCATED IN OR UNDER THE DASH

## TURN-ON SEQUENCE FOR K40-1000/1000P MODELS

When starting your vehicle, the unit will go through a full audio and visual test.

1. The red alert light will illuminate.
2. The radar audio tones will be heard:  
1st tone: "Tweet" = X-band  
2nd tone: "Chirp" = K-band  
3rd tone: "Buzz" = Ka-band
3. The red alert light will flash and the pulse/instant-on "beep" will sound.
4. The red alert light will flash and the continuous high pitched laser "beep" will sound (for models that integrate the Laser DefuserPlus).
5. The red alert light will go out.

This power-up test indicates the radar detector is functioning and ready to receive radar.

## TURN-ON SEQUENCE FOR K40-2000/2000P MODELS

When starting your vehicle, the unit will go through a full audio and visual test.

1. Both the front and rear red alert lights will illuminate.
2. The front radar audio tones will be heard:  
1st tone: "Tweet" = X-band  
2nd tone: "Chirp" = K-band  
3rd tone: "Buzz" = Ka-band
3. The front red alert light will flash and the pulse/instant-on "beep" will sound.
4. The rear audio will sound with a "Brap" tone.
5. The rear red alert light will flash and the pulse/instant-on "beep" will sound.
6. Both front and rear red alert lights will flash and the continuous high pitched laser "beep" will sound (for models that integrate the Laser DefuserPlus).

7. The front and rear red alert lights will go out.

This power-up test indicates the radar detector is functioning and ready to receive radar.

## CITY/HIGHWAY ADJUSTMENT

When the sensitivity switch is in the "highway" mode, your radar detector will provide full audio and visual alert patterns for all radar signals (Laser on models equipped with either the optional laser receiver or Laser DefuserPlus). When operating the radar detector in the "city" mode, you engage a filter system that is designed to reduce weaker non-police signals without affecting sensitivity to police radar. At no time does the "city" mode affect the ability of the unit to detect pulse/instant-on signals in any frequency.

## RADAR ALERT PATTERNS

**X-band:** When encountering an X-band radar source, your remote radar detector will "tweet" at each sensing of radar. Each "tweet" will be accompanied by a flash from the red radar light. After a series of X-band tones, the "tweet" will then convert to a clicking sound. During this encounter, the flash and click rate will increase as you get closer to the radar source.

**K-band:** When encountering a K-band radar source, your remote radar detector will "chirp" at each sensing of radar. Each "chirp" will be accompanied by a flash from the red radar light. After a series of K-band tones, the "chirp" will then convert to a clicking sound. During this encounter, the flash and click rate will increase as you get closer to the radar source.

**Superwide Ka-band:** When encountering a Ka-band radar source, your remote radar will "buzz" at each sensing of radar. Each "buzz" will be accompanied by a flash from the red radar light. After a series of Ka-band tones, the "buzz" will then convert to a clicking sound. During this encounter, the flash and click rate will increase as you get closer to the radar source.

## SPECIAL ALERT FOR PULSE/ INSTANT-ON RADAR

If the radar signal is of the "pulse" or "instant-on" type, your radar detector will immediately respond to the signal with an urgent high pitched "beep", accompanied by rapid flashing of the radar light. After a series of "beeps" the radar alert will initiate the X, K or Ka-band alert, depending on the radar band being transmitted.

## LASER ALERT PATTERN

When encountering a police laser signal, models equipped with either the optional laser receiver or Laser DefuserPlus will respond with a continuous high-pitched beeping and flashing red alert light (both front and rear red alert lights will flash on K40-2000 models). The alert will continue for the duration of the signal.

## ALERT OVERRIDE DETECTION CIRCUIT

Most non-police radar signals are in the X-band frequency; i.e. bank alarms, automatic door openers. Because of this, your K40 Undetectable has an alert override detection circuit. The alert override detection circuit is designed to prioritize incoming signals and alert you to the most urgent threat. This is to ensure total protection against police speed measuring guns.

## ALERT SEQUENCE FOR K40-2000/2000P MODELS

When you approach a police radar signal, your front alarm will activate. As you enter the immediate proximity of the radar signal, both alarms will activate. As you proceed away from the signal source, your front alarm will reset to silent-mode, while your rear alarm will confirm the source is behind you.