

**RL360i**  
**RL200i**  
OWNER'S MANUAL



**RADAR AND LASER  
PROTECTION SYSTEM**

# K40 Consult

Don't like to read manuals?

Call our experienced K40 Consultants.  
We'll explain the whole thing.

**800.323.5608**



**K40 ELECTRONICS**

600 Tollgate Rd., Suite A


Elgin, IL 60123

[www.K40.com](http://www.K40.com)

Wake-Up Sequence .....	4
Receiving Alerts .....	5-6
Radar Alert Sequence .....	5
Laser Alert Sequence .....	5
Laser Settings .....	6
Non-Police Alerts .....	6
K-Band Filter .....	6
Traffic Sensor Filter .....	6
Special Features / Functions .....	7-13
Dim .....	7
Sensitivity (SENS) .....	7
Quiet Ride (QR) .....	8
Mute Function .....	8
Mark to Mute (MM) .....	9
Mark to Alert (MA) .....	10
Speed Monitor .....	10-11
Customizable Settings .....	11-13
Control Unit .....	14
Warranty / Guarantees .....	15

Your K40 RL360i / RL200i will be ready for use following this automatic wake-up sequence:

1. **Start your vehicle** – The K40 system is designed to turn on automatically every time your vehicle is started.
2. **Listen for Wake-Up Sequence** – Both front and rear alert lights in your dash will flash (K40 RL200i systems have one alert light). The voice will announce, “K40 Scan, Active,” then you will hear alerts for all bands.

**NOTE:** If you don't hear wake-up sequence, press and release .

3. **GPS Connection** – After locating available satellites, the unit will announce, “GPS Connected.”

**NOTE:** If you are in a location that prevents connection with GPS satellites (e.g. parking garage), your system will still protect you from all radar / laser threats. Once you drive to an unobstructed location, the GPS will connect and you will hear, “GPS Connected.”

The K40 RL360i / RL200i provides a combination of audio and visual alerts to warn you when radar is detected.

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### ***Radar Alert Sequence***

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Your K40 RL360i / RL200i detects all North American police radar bands (X, K, and Ka-Band). When a signal is detected:

- A voice alerts which band was identified. (This assumes the factory default "Voice On" setting has not been changed.)
- The K40 RL360i will announce the direction of the signal's source, either front or rear, along with the band detected. K40 RL200i systems will only announce the band detected.
- Signal strength and proximity to the radar source will be identified as a series of Geiger counter-like tones. The faster the tone pattern, the closer you are to the source. Each band has its own distinctive tone.

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### ***Laser Alert Sequence***

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*(only for K40 RL360i / RL200i systems that include the Laser Defuser)*

When the K40 RL360i / RL200i detects a laser signal:

- A voice announces, "Laser." (This assumes the factory default "Voice On" setting has not been changed.)
- You will then hear a distinct and urgent audio tone.
- LED(s) will pulse rapidly.

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## Laser Settings

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The Laser Defuser can be configured to one of three different operational settings:

Laser Settings	Description	Recommended Use
<b>Constant Transmit</b>	Upon receiving a laser signal, the Laser Defuser will continuously transmit a jamming signal for the duration of the laser encounter. This is the factory default setting.	<ul style="list-style-type: none"><li>•For aggressive drivers at higher speeds.</li><li>•Gives the driver more time to decelerate.</li><li>•Higher potential for jamming all the way to the laser gun location.</li></ul>
<b>Pulse Transmit</b>	Upon receiving a laser signal, the Laser Defuser will transmit a jamming signal for 10 seconds and then cease firing for the duration of that encounter.	<ul style="list-style-type: none"><li>•For moderate to aggressive drivers.</li><li>•Gives the driver the time to check and reduce speed to avoid a speeding ticket while allowing the police officer to obtain a lower speed reading, eliminating suspicion of "jamming."</li></ul>
<b>Receive Only</b>	The Laser Defuser will only detect laser. No jamming signal will be emitted.	<ul style="list-style-type: none"><li>•For notification only. Officer will obtain a speed reading on your vehicle in this setting.</li></ul>

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## Alerts from Non-Police Signals

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Your K40 RL360i / RL200i is sensitive enough to detect signals generated by non-police equipment, such as automatic doors. To learn how to minimize these signals, please read about SENSITIVITY options (page 7), Quiet Ride function (page 8), and Mark to Mute (page 9).

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## K-Band Filter

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Your RL360i / RL200i rejects alerts from vehicles on the road (including your own) equipped with radar-based safety features, such as collision avoidance. Police radar reception and detection range is unaffected by this feature.

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## Traffic Sensor Filter

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Your RL360i / RL200i will reject alerts from traffic flow sensors usually encountered during highway driving. Enable this filter through the menu (pages 11-13).

**DIM**

- **Press and release** **DIM** to adjust LED brightness to accommodate various driving environments. Your setting will automatically be saved with the exception of "Off." The "Off" setting will revert to "Auto" upon system wake-up.

**The 5 options include:**

1. **"Day"** (Bright)
2. **"Dusk"** (Medium / factory default)
3. **"Night"** (Dim)
4. **"Auto"** (LED(s) adjust automatically from 5 seconds in "Day," 5 seconds in "Dusk," and the duration of the alert in "Night")
5. **"Off"** (No light(s), still receive full audio alerts)

**SENSITIVITY**

- **Press and release** **SENS** to change the setting at any time. The K40 RL360i / RL200i offers three levels of radar sensitivity settings to accommodate various driving situations.

Settings	Sensitivity	Recommended Use
<b>1. Highway</b> <i>(factory default setting)</i>	Detects all North American police radar signals at full sensitivity.	For highway travel or in any area in which you are unfamiliar with the types of radar used.
<b>2. City</b>	50% reduction in X-Band sensitivity (the most common source of non-police radar).	When traveling in an urban area with minimal non-police radar signals.
<b>3. Filter</b>	X-Band off. 50% reduction in K and Ka-Band sensitivity.	When traveling in a congested traffic area with a high concentration of non-police radar signals.

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## Quiet Ride




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The **Quiet Ride** function will automatically silence all radar / laser alerts when traveling under a speed setting of your choice between 5 - 75 mph in 5 mph increments or 10 - 120 kph in 10 kph increments.

Visual alerts are unaffected by Quiet Ride settings.

The factory default setting for Quiet Ride is "Off."

### Activating / Adjusting Quiet Ride



- **Press and release**  to activate the Quiet Ride menu. Voice will announce the current setting e.g., "Quiet Ride Off," or the current speed setting, "Quiet Ride, 25, 30, 35..."
- Use the  or  to adjust the speed settings on Quiet Ride. Any selected speed setting indicates Quiet Ride is on.
- When you have made your desired Quiet Ride speed selections, stop scrolling and voice will announce, "Quiet Ride Set."

**NOTE:** Locations that you have "Marked to Alert" (page 10) are unaffected by Quiet Ride settings.


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## Mute Functions

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- **Press and release**  for 30 second mute (or duration of alert).
- **Press and hold**  for 3 seconds to engage extended mute (5 minutes or duration of alert).

### To turn the voice / tone audio alerts off:

- **Press and release**  until voice confirms, "Volume Off."

In both Mute settings and Volume Off settings, you will continue to receive flashing visual alerts.



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## Mark to Mute

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The **Mark to Mute** function allows you to mute any radar band / laser alert from a non-police source (i.e. an automatic door) in a specific GPS location.

### Using Mark to Mute

- **Press and release**  to mute a specific radar band / laser alert.\*
- A voice announces that a specific radar band / laser alert has been muted (i.e. "K Muted").
- You will no longer receive audible alerts for the muted radar band / laser alert when within a 1,500 ft. radius of the muted location.
- You will still receive visual alerts from the alert LED(s).
- All other radar bands / laser alerts remain unaffected.

### To remove a previously muted radar band / laser alert from your database:

- **Press and release**  while in the marked location.
- Voice announces that a specific radar band / laser alert has been removed (i.e. "K Muted Removed").

### To remove *all* stored muted radar bands / laser alerts:

- **Press and hold**  for 5 seconds at any time.
- Voice announces, "All Muted Locations Cleared."


\*A radar or laser signal must be present in order to mark a location for mute.

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## Mark to Alert

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The **Mark to Alert** function allows you to add specific GPS locations to your personal database, alerting you to any point of interest you choose (such as school zones, speed traps, or red light cameras).

- **Press and release**  when you want to mark a location for alert.
- Voice will announce, "Marked to Alert."

In the future, you will be alerted as follows:

When you arrive...	You will hear...
...within a radius of 750 feet of a marked location	..."Approaching marked location" and the alert light(s) will flash twice
...at a marked location	...a single "Bing" tone and the alert light(s) will flash once

### To remove a previously marked location from your database:

- **Press and release**  while in the marked location.
- Voice announces, "Marked Location Removed."

### To remove *all* stored locations:

- **Press and hold**  for 5 seconds at any time.
- Voice announces, "All Alert Locations Cleared."

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## Speed Monitor

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The **Speed Monitor** function alerts the driver when a preselected speed is exceeded. Speed Monitor can be set to any speed between 40 - 100 mph in 5 mph increments or 60 - 160 kph in 10 kph increments.

The factory default setting for Speed Monitor is "Off."

## **Activating / Adjusting Speed Monitor**

- **Press and release**  until voice announces, "Speed Monitor."
- Use  or  to adjust the Speed Monitor speed setting. When you have chosen your desired Speed Monitor setting, stop scrolling and voice will announce, "Exit."

### **When driving and the Speed Monitor speed is exceeded:**

- The K40 RL360i / RL200i will emit a continuous "Bing Bong" tone and the LED(s) will remain lit.
- The alerts will continue until the vehicle's speed is reduced to below the Speed Monitor speed setting.





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## **Customizable Settings**


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To change the factory preset features and optimize your K40 RL360i / RL200i for the way you drive, follow the instructions below, or call a K40 Consultant at 800.323.5608. Rest assured your call will be answered immediately and personally.

### **To change settings:**

- **Press and release**  to enter Menu Mode. The voice will announce, "Menu," and then announce the first customizable option and its current status.
- **Press and release**  to scroll through the options until you get to the feature you want to change.
- **Press and release**  or  to change an existing setting.

### **To save your settings and exit:**

- **Press and hold**  for 3 seconds, or wait 10 seconds and the system will automatically save your preferences.
- The voice will announce, "Exit."

## Customizable Settings

Menu Options <i>(in sequential order)</i>		Default Setting <i>(voice confirmations)</i>		Description
		RL200i System	RL360i System	
1	Voice Type	"Female Voice"	"Female Voice"	Choose male or female voice for audio alerts.
2	Audible Voice	"Voice On"	"Voice On"	For all initial audio alerts: "Voice On" uses voice; "Voice Off" uses tones only.
3	Wake-Up	"Wake-Up Long"	"Wake-Up Long"	Controls length of startup sequence after powering on unit. "Wake-Up Long" is standard 5-second sequence. "Wake-Up Short" uses an abbreviated sequence.
4	Auto Mute	"Auto Mute Off"	"Auto Mute Off"	Automatically reduces volume by 50% after 5 seconds.
5	Traffic Sensor Filter	"Traffic Sensor Filter Off"	"Traffic Sensor Filter Off"	Enables filtration of K-Band radar signals from traffic flow sensors.
6	mph / kph	"mph"	"mph"	Choose mph or kph.
7	Speed Monitor	"Speed Monitor Off"	"Speed Monitor Off"	Alerts the driver when a pre-selected speed is exceeded.
8	Front Radar	"Radar On"	"Front Radar On"	Allows user to turn off front radar (important when traveling in states or countries where radar detectors are illegal).
9	Front X-Band	"X-Band On"	"Front X-Band On"	Enables the detection of X-Band radar from front receiver. "Off" disables this detection.
10	Front K-Band	"K-Band On"	"Front K-Band On"	Enables the detection of K-Band radar from front receiver. "Off" disables this detection.

## Customizable Settings

Menu Options <i>(in sequential order)</i>		Default Setting <i>(voice confirmations)</i>		Description
		RL200i System	RL360i System	
11	Front Ka-Band	"Ka-Band On"	"Front Ka-Band On"	Enables the detection of Ka-Band radar from front receiver. "Off" disables this detection.
12	Rear Radar	N/A	"Rear Radar On"	Allows user to turn off rear radar (important when traveling in states or countries where radar detectors are illegal).
13	Rear X-Band	N/A	"Rear X-Band On"	Enables the detection of X-Band radar from rear receiver. "Off" disables this detection.
14	Rear K-Band	N/A	"Rear K-Band On"	Enables the detection of K-Band radar from rear receiver. "Off" disables this detection.
15	Rear Ka-Band	N/A	"Rear Ka-Band On"	Enables the detection of Ka-Band radar from rear receiver. "Off" disables this detection.
16	Laser Defuser g5	"Laser On"	"Laser On"	Enables the Laser Defuser. "Off" disables the Laser Defuser.
17	Laser Settings	"Laser Constant Transmit"	"Laser Constant Transmit"	Enables Laser Defuser for constant transmit, pulse transmit, or receive only.
18	Factory Reset	"Factory Reset"	"Factory Reset"	Returns the system to its original factory default settings.

**DOWN** 

Press to decrease volume. Use to scroll and change menu options. (pages 8 & 11)

**POWER** 

Turn the K40 RL360i / RL200i system on or off.

**MUTE**

Press to mute audio alerts for 30 seconds or the duration of the alert. Press and hold for 3 seconds to engage extended mute. (page 8)

**UP** 

Press to increase volume. Use to scroll and change menu options. (pages 8 & 11)

**MENU** 

Press to enter customizable menu settings. (pages 11-13)

**QUIET RIDE** 

Press to confirm speed setting and enter Quiet Ride menu. (page 8)

**DIM** 

Adjust LED brightness. (page 7)

**SENSITIVITY** 

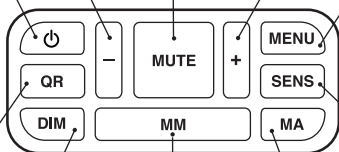
Press to select level of radar detector sensitivity. (page 7)

**MARK TO ALERT** 

Press to "mark" specific locations for alert. (page 10)

**MARK TO MUTE** 

Press to mute a specific radar band / laser alert in a location. (page 9)





## **Register your K40 RL360i / RL200i today to activate your guarantees:**

### **Guaranteed immunity from speeding tickets**

If you get a radar speeding ticket within one year of purchase, we'll reimburse you for the full cost of the ticket.\*

### **Guaranteed performance**

If your K40 RL360i / RL200i does not outperform any other radar detector you've owned, return it within 30 days for a full product credit.

### **Guaranteed from theft**

If your K40 RL360i / RL200i is ever stolen, we'll replace the stolen product.\*\*

### **One-year warranty**

K40 offers a one-year "repair or replace" warranty if your RL360i / RL200i fails to work properly.

\*Offer not valid for speeding ticket violations incurred in school or construction zones, or connected with a DUI or DWI.

\*\*Requires proof of purchase and a police report.

Register your K40 RL360i / RL200i online today by visiting  
**[www.K40.com](http://www.K40.com)**

Product subject to one or more of the following patents:

U.S. Patents    7,298,248 B2  
5,001,777  
RE39,038  
RE40,653  
RE41,905  
Other patents pending

***FCC IDS: W75-M2K-Y24    W75-RL-RCU II***

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

In addition, any changes or modifications to this product, which are not expressly approved by K40 Electronics in writing, could void the user's authority to operate this product.



## **TO EXCEED...**

Customer expectations through the pride and dedication of our strong team of caring and talented employees by being the "Model of Excellence" in the entire industry on every level — from innovative product design and flawless manufacturing to knowledgeable sales and total customer service.

## **TO PROVIDE...**

The most superior and progressive radar detectors and laser jamming solutions on the worldwide market with guaranteed performance by delivering tomorrow's solutions today through the most advanced technology systems and state-of-the-art radar detection defense.

## **TO ENSURE...**

The total commitment of our entire staff to all customers before, during, and after the sale with personalized direct "24 / 7" customer support — and going the extra mile with product selection and usage assistance in step with individual needs to achieve the most dependable radar detection performance and success.

Thank you very much for your recent purchase of the most progressive radar and laser solution available on the market today.

Our ultimate goal is that you, our valued customer, is empowered with peace of mind and unparalleled radar protection.

Because we care about you, we're still the only company that stands behind every product with a comprehensive speeding ticket guarantee. If you get a ticket, we pay for it! That's right, guaranteed!

Whether you are a first-time customer or a lifelong friend, we sincerely appreciate your confidence. We'll always go that extra mile to provide you with what's new and the latest in leading-edge radar and laser technology.

Our products are detailed and customized to specifically serve the needs of every vehicle and driver. We promise you that there never is a cookie-cutter approach here.

Again, thank you for your business. Your safety and protection is what we're all about!

Sincerely,

A handwritten signature in black ink, appearing to read 'Peggy', with a large, sweeping flourish extending to the right.

Peggy Finley  
*Owner/President*



Elgin, IL 60123  
800.323.5608

**Learn more at [www.K40.com](http://www.K40.com)**