

Uniden®

R3 LONG RANGE Radar/Laser Detector

User's Manual



CUSTOMER CARE

At Uniden®, we care about you!

If you need assistance, please do NOT return this product to your place of purchase

Save your receipt/proof of purchase for warranty.

Quickly find answers to your questions by:

- Reading this User's Manual.

Images in this manual may differ slightly from your actual product.

DISCLAIMER: Radar detectors are illegal in some states. Some states prohibit mounting any object on your windshield. Check applicable law in your state and any state in which you use the product to verify that using and mounting a radar detector is legal. Uniden radar detectors are not manufactured and/or sold with the intent to be used for illegal purposes. Drive safely and exercise caution while using this product. Do not change settings of the product while driving. Uniden expects consumer's use of these products to be in compliance with all local, state, and federal law. Uniden expressly disclaims any liability arising out of or related to your use of this product.

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UNIDEN

LONG RANGE RADAR/LASER DETECTOR

USER'S MANUAL

R3

R3 OVERVIEW

Uniden's R3 is a top of the line Radar Detector with a built-in GPS feature. With the R3, you can mark geographical points where you commonly encounter radar transmissions. These can be school zones, red-light cameras, and places where police frequently monitor traffic. You can mark these points so the detector will announce "User mark ahead" when you approach them. Among other announcements, the Voice Notification feature lets you know when you are approaching a radar and what type of radar it is (red light, speed, etc).

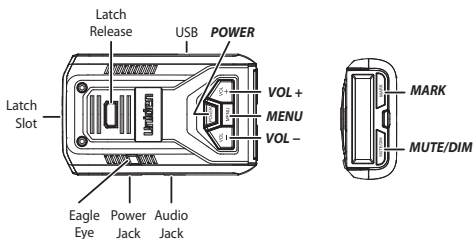
FEATURES

- Super Long Range Laser Radar Detection
- MRCD/MRCT (Alert priority: Laser, MRCD, Ka, K, X) with customizable tones
- Voice Notifications
- Radar band frequency displays
- GPS for Red Light and Speed camera locations
- Up to 500 GPS lockouts
- Easy to read OLED display
- User Mark set and voice notification
- Advanced K and Ka band filters
- Spectre I and IV undetectable
- Displays Signal Strength and Vehicle Battery Voltage
- Max. Speed Warning System
- Red light camera point delete
- X, K, MRCD, Ka, and Laser band selectable alert tones
- Bogey tone (Alert tones 1 - 5)
- X, K, and Ka band user-defined sensitivity levels
- Auto mute volume levels (Off, On: 0 - 5)
- Ka Frequency Voice Alert
- Auto Dim
- Overspeed Alert Mute

WHAT'S IN THE BOX

			
R3 Radar Detector	12V DC Power Cord with RJ11 Connector	Windshield Mounting Bracket (1 Suction Cup)	Windshield Mounting Bracket (2 Suction Cups)
Not Shown: Hook and Loop Fastener Tape Owner's Manual			

PARTS OF THE R3



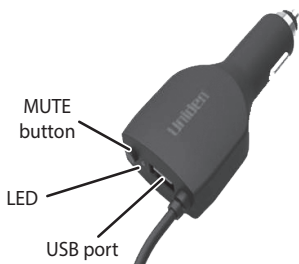
KEY	PRESS TO...	PRESS AND HOLD TO ...
POWER	Turn R3 on and off.	NA
VOL +	Turn volume up (7 levels: 0 - 6; Default = 4). In Menus, go to next item.	Quickly turn volume up or down.
VOL -	Turn volume down (7 levels: 0 - 6; Default = 4). In Menus, go to previous item.	
MENU	Access the Menu system. In Menus, press to cycle through options for the current menu item.	When in Menu mode, exit the Menu system. When NOT in Menu mode, changes modes between Highway, City, and Advanced.

KEY	PRESS TO...	PRESS AND HOLD TO ...
MUTE/ DIM	<p>MUTE</p> <p>MUTE on - Press MUTE/DIM to mute an alarm. Returns to normal operation 10 seconds after the alert ends or if a different band is detected during Mute mode. <i>Mute On</i> displays for a few seconds.</p> <p>MUTE off - Press MUTE/DIM to restore audible alarms before the 10 second automatic mute time-out.</p> <p>MUTE MEMORY</p> <p>Save a Mute Location (Mute Memory) - press MUTE/DIM again while Mute On displays to save that GPS location and frequency to memory. Mute Memory displays on the screen.</p> <p>R3 stores up to 500 Mute Memory points.</p> <p>Delete Mute Memory - Press MUTE/DIM while <i>Mute Memory</i> displays; the R3 displays a delete confirmation message. Press MUTE/DIM again to confirm.</p> <p>MUTE RED LIGHT CAMERA VOICE ALERT</p> <p>Mute the voice alert for a red light camera alarm. Press MUTE/DIM while the voice alarm for a red light camera sounds. The voice alarm mutes.</p> <p>MUTE ALERTS FOR POI OVERSPEED ALERT AND USER LIMIT SPEED</p> <p>When R3 alerts you to an overspeed or speed limit situation (an alarm sounds and the alert displays), you can press MUTE/DIM to silence that alarm.</p>	<p>DIM - Changes the display and key backlight brightness:</p> <p>Auto (Default). Set 2 automatic time periods and brightness levels for the OLED display (see page 17).</p> <p>Bright</p> <p>Dim</p> <p>Dimmer</p> <p>Dark (Dark is off unless there is alert.)</p> <p>Off (Off regardless of whether or not there is an alert.)</p> <p>DURING RED LIGHT CAMERA ALERT</p> <p>Press and hold MUTE/DIM to delete the red light camera point.</p> <p>RED LIGHT CAMERA POINT DELETE</p> <p>When R3 alerts you to a red light camera (the alert displays), you can press and hold MUTE/DIM to delete that camera point. After confirming this deletion, R3 will not give an alert for that camera.</p>
MARK	<p>User Mark. A User Mark is a manually tagged geographic location where an alarm is usually found. The R3 alerts when close to these User Marks.</p> <p><i>Add</i> - Press MARK when you are at the alarm location.</p> <p><i>Delete</i> - Press MARK when you are at an alarm location that has been marked.</p> <p>An error message displays/sounds if memory is full or there is a GPS error.</p>	Delete all User Marks.

NON-KEY ELEMENTS

ELEMENT	WHAT IS DOES
Eagle Eye	Provides a 360° monitoring radius.
Latch Slot	Insert the bracket latch into this slot.
Mini USB	Provides PC connection for data updates.
Audio Jack	Plug in headset.
Eject	Press to release the bracket latch.
Power Jack	Plug the 12V Power Cord here.
Signal Strength	Displays received signal strength (5 levels).

POWER CORD



ELEMENT	WHAT IT DOES...
<p>MUTE button (Although not labeled, press and hold MUTE to access DIM functions)</p>	<ul style="list-style-type: none"> • Press the MUTE button to mute an alarm. Returns to normal operation 10 seconds after the alert ends or if a different band is detected during Mute mode. <i>Mute On</i> displays on the R3 for a few seconds. • Save a Mute location (Mute Memory) - press the MUTE button again while <i>Mute On</i> displays on the R3 to save that GPS location and frequency to memory. <i>Mute Memory</i> displays on the screen. <p style="text-align: center;"><i>R3 stores up to 500 Mute Memory points.</i></p> <ul style="list-style-type: none"> • Delete Mute Memory - Press the MUTE button while <i>Mute Memory</i> displays on the R3; the R3 displays a delete confirmation message. Press the MUTE button again to confirm. • Red Light Camera Point Alert Mute/Delete - When R3 alerts you to a red light camera (the alert displays), you can press MUTE to mute or delete (press and hold) that camera point. After confirming this deletion, R3 will not give an alert for that camera. • Mute Overspeed Alarms - When R3 alerts you to an overspeed or speed limit situation (an alarm sounds and the alert displays), you can press MUTE to silence that alarm • Press and hold the MUTE button to change the display and key backlight brightness. <p>DIM function. Press and hold for DIM options to display on the OLED. Press the button again to scroll through and select one of the following options:</p> <ul style="list-style-type: none"> • Auto (Default; see page 14 to set OLED brightness levels and start times.) • Bright • Dim • Dimmer • Dark (Dark is off unless there is alert.) • Off (Off regardless of whether or not there is an alert.) <p style="text-align: center;"><i>Dim level cannot be changed during a Red Light Camera alert.</i></p>
LED (Red)	<ul style="list-style-type: none"> • Off: Power is off. • Steady on: Power is on. • Flashing: Receiving an alert. The faster it flashes, the stronger the signal.
USB Port	Use this USB port to charge mobile devices.






OLED DISPLAY

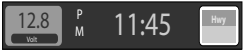


The OLED display on the front of the unit changes depending on what events are happening.

If GPS = ON, the OLED's left display area shows the display selected in the menus (see page 16).

If GPS = Off, the OLED's left display area shows Volt regardless of user settings.

The following table provides examples of the most common displays.

OLED EXAMPLES	MEANING
<p>Scanning for Frequencies</p> <p>Displays to indicate end of a scan cycle.</p> 	<p>Information displayed in example:</p> <ul style="list-style-type: none"> • Speed (mph or km/h) • Wave • Heart icon (end of search cycle) • Highway/City/Advanced
<p>Frequency Found</p> 	<p>Information displayed:</p> <ul style="list-style-type: none"> • Band type Type (X, K, KA) • Frequency number • Voltage • Status Area (Mute Memory, Quiet Ride, etc)
<p>Speed Camera Alarm</p> 	<p>Information displayed:</p> <ul style="list-style-type: none"> • Current speed in mph/km/h • Distance to speed camera • Speed camera icon
<p>Red Light Camera Alarm</p> 	<p>Information displayed:</p> <ul style="list-style-type: none"> • Current speed in mph/km/h • Distance to red light camera • Red light camera icon
<p>User Mark Detected</p> 	<p>Information displayed:</p> <ul style="list-style-type: none"> • Current speed in mph/km/h • Distance to user mark • User mark icon

OLED EXAMPLES	MEANING
Time Display (Scan Display Off) 	Information displayed: <ul style="list-style-type: none"> • Voltage • Time and AM/PM • Highway/City/Advanced
Quiet Ride 	Information displayed: <ul style="list-style-type: none"> • Current speed in mph/km/h • Band type Type (X, K) • Frequency number • Status Area (Q-Ride displays)
Dark Mode 	Set mode to Dark if the unit's OLED is not anticipated to change a lot to prevent image burn-in (<i>Auto Dim</i> setting). In Dark mode, the OLED is dark with a single white dot in the lower corner that moves from bottom left to center to bottom right. The movement of the dot confirms that the unit is still powered up.

INSTALL AND TURN ON R3

You can mount the R3 on the windshield (1- and 2- cup suction brackets included) or on the dashboard (hook and loop tape included).

INSTALL/POWER ON

Windshield

When you mount the R3 on the windshield, mount it in the middle of the windshield between the driver and passenger. Be sure there are no obstructions and that there is a clear view through the windshield.

1. Attach the rubber suction cups to the bracket and push the cups firmly onto the windshield.
2. Slide the unit onto the bracket until it clicks into place.
3. Plug the power cord RJ11 connector into the R3 and plug the cigarette lighter adapter into the vehicle's cigarette lighter.
4. When the vehicle turns on, the R3 automatically turns on and runs through a self test cycle.

Release the R3 from the bracket by pressing the Eject key on top of the detector.

Dashboard

The same types of mounting requirements for the windshield apply for mounting the unit on the dashboard.

1. Attach the unit to the dashboard using the hook and loop fastener tape.
Be careful not to cover any air vent holes with the hook and fastener tape.
2. Plug the power cord RJ11 connector into the R3 and plug the cigarette lighter adapter into the vehicle's cigarette lighter.
3. When the vehicle turns on, the R3 automatically turns on and runs through a self test cycle.

Pull the unit from the dashboard, separating the hook and loop tape.

MENU SYSTEM

Menus let you set up the system to your own requirements. You can turn different bands on and off and set specific items such as speed or auto mute.

Press **MENU** to access the Menu system. The screen displays the selection's current status. For example, if you press **MENU** and the screen displays *Voice: ON*, you have the option of turning *Voice to OFF*.

Use the following keys to navigate the menus:

- **MENU**: Change a menu item setting (press and hold to exit the Menu system).
- **VOL +** : Go to the next Menu item.
- **VOL -** : Go to the previous Menu item.

Several menu items only display if GPS is set to ON. These entries are noted in the following table.

MENU ITEM	FUNCTION	SETTINGS
Selected Mode displays.	<p>Changes band sensitivity as follows:</p> <p><i>Highway</i> - Full Sensitivity</p> <p><i>City</i> - X and K sensitivity reduced. Ka band sensitivity same as Highway.</p> <p><i>Advanced</i> - User adjusts X, K, and Ka band sensitivity from 100% - 30% in 10% intervals.</p> <p>If Advanced is selected, select Attenuation levels for the X, K, and Ka bands. See page 22 for details.</p>	<p><i>Highway</i> (Default)</p> <p><i>City</i></p> <p><i>Advanced</i></p>
GPS	<p>Determines your geographic location.</p> <p>If GPS is turned on, other GPS-related menu items display.</p>	<p><i>On</i> (Default)</p> <p><i>Off</i></p>
Speed Camera (GPS on)	<p>Notifies you if any speed cameras are nearby.</p>	<p><i>On</i> (Default)</p> <p><i>Off</i></p>
Redlight Cam (GPS on)	<p>Notifies you if any red light cameras are nearby.</p>	<p><i>On</i> (Default)</p> <p><i>Off</i></p>
RLC Q-Ride (GPS on)	<p>Red Light Camera Quiet Ride - Mutes red light camera alarms if you drive over the speed limit set here.</p>	<p><i>50 - 85 MPH</i> (80 - 140 km/h)</p> <p><i>Off</i> (Default)</p>
Voice	<p>Turns voice alert on or off under the following conditions:</p> <p>Type of radar/laser</p> <p>Band alarms</p>	<p><i>On</i> (Default)</p> <p><i>Off</i></p>
Ka Frequency Voice	<p>Announces the detected Ka band frequency.</p>	<p><i>On</i></p> <p><i>Off</i> (Default)</p>
X Band	<p>Turn off to have the detector ignore X band frequencies.</p> <p>Turn on for X band sensitivity as follows:</p> <p><i>Highway</i>: Full sensitivity</p> <p><i>City</i>: X band sensitivity reduced</p>	<p><i>On</i></p> <p><i>Off</i> (Default)</p>

MENU ITEM	FUNCTION	SETTINGS
K Band	Turn off to have the detector ignore K band frequencies.	<i>On</i> (Default) <i>Off</i>
Ka Band	Turn off to have the detector ignore Ka band frequencies.	<i>On</i> (Default) <i>Off</i>
Laser	Turn off to have the detector ignore lasers.	<i>On</i> (Default) <i>Off</i>
K POP	Detects K POP transmissions (very brief transmissions, too fast for some detectors to hear).	<i>On</i> <i>Off</i> (Default)
MRCDD	Activates MultaRadar CD/CT low-powered radar gun detection.	<i>On</i> <i>Off</i> (Default)
Ka POP	Detects Ka POP transmissions (very brief transmissions, too fast for some detectors to hear).	<i>On</i> <i>Off</i> (Default)
K Filter	Filters noise from the K band to prevent false detections.	<i>On</i> (Default) <i>Off</i>
Ka Filter	Filters noise from the Ka band to prevent false detections.	<i>On</i> <i>Off</i> (Default)
TSF	Traffic Sensor Filter. Prevents false alarms caused by traffic monitoring radar systems.	<i>On</i> <i>Off</i> (Default)
K Narrow/Wide	K Narrow scans for K radar guns used in the US only and reduces false alarms.	<i>K Narrow</i> <i>K Wide</i> (Default)

MENU ITEM	FUNCTION	SETTINGS
Ka Narrow/ Wide/ Segmentation	<p>Ka Narrow scans for Ka radar guns used in the US only and reduces false alarms. Ka Narrow also provides a fast response to Ka POP radar guns.</p> <p>Ka Wide scans Super Wide Ka band.</p> <p>Ka Segmentation allows the user to customize a Ka band sweep from 10 filtered settings.</p>	<p><i>Ka Narrow</i> (Default) <i>Ka Wide</i> <i>Segmentation</i> (Default = On)</p> <p><i>Ka 1</i> : 33.399 – 33.705 On/Off</p> <p><i>Ka 2</i> : 33.705 – 33.903 On/Off</p> <p><i>Ka 3</i> : 33.903 – 34.191 On/Off</p> <p><i>Ka 4</i> : 34.191 – 34.587 On/Off</p> <p><i>Ka 5</i> : 34.587 – 34.803 On/Off</p> <p><i>Ka 6</i> : 34.803 – 35.163 On/Off</p> <p><i>Ka 7</i> : 35.163 – 35.379 On/Off</p> <p><i>Ka 8</i> : 35.379 – 35.613 On/Off</p> <p><i>Ka 9</i> : 35.613 – 35.829 On/Off</p> <p><i>Ka 10</i> : 35.829 – 36.001 On/Off</p>
Priority	<p>Sets whether Ka band signals have priority over the strongest radar signals for X, K, or Ka band.</p> <p>Laser alerts have priority over radar alerts.</p>	<p><i>Signal Priority</i> <i>Ka Priority</i> (Default)</p>
Mute Memory Band	<p>Select bands to be muted.</p>	<p>X & K (Default) X, K, Ka</p>
Threat	<p>Displays if more than one radar signals are detected at the same time. The signal with the strongest radar signal is considered the main signal; the other signals are displayed on the left side (see page 25).</p>	<p><i>All Threat On</i> <i>All Threat Off</i> (Default)</p>

MENU ITEM	FUNCTION	SETTINGS
Color	Select screen text color.	Red (Default) White Purple Blue Amber Green Pink Grey
Mode Display	Select what will display on the OLED, either scanning for frequencies (see page 23), the mode (see page 24), or the time (see page 24).	<i>Scan Mode</i> (Default) <i>Time</i> (GPS on)
Display (GPS on)	Lets you select various attributes to display on the left side of the OLED.	<i>Speed</i> (Default) (Spd + Compass) <i>Compass</i> <i>Voltage</i> <i>Altitude</i>
Speed Unit (GPS on)	Select the speed measurement type.	MPH (default) <i>km/h</i>
X Band Tone	Set a tone to indicate X Band.	<i>1 ~ 12 tones</i> (Default = 1)
K Band Tone	Set a tone to indicate K Band.	<i>1 ~ 12 tones</i> (Default = 2)
MRCD Tone	Set a tone to indicate MRCD.	<i>1 ~ 12 tones</i> (Default = 2)
Ka Band Tone	Set a tone to indicate Ka Band.	<i>1 ~ 12 tones</i> (Default = 3)
Bogey Tone	Set a tone to indicate the detector is responding to a different Ka band signal.	<i>1 ~ 5 tones</i> (Default = 1)
Laser Tone	Set a tone to indicate Laser.	<i>1 ~ 12 tones</i> (Default = 4)

MENU ITEM	FUNCTION	SETTINGS
Auto Mute	Auto Mute reduces alarm level to 1 after 3 seconds and returns to normal operation (Auto Mute = OFF) 10 seconds after the alert ends. If the same alarm sounds within the 10 second period, Auto Mute remains at level 1. The unit returns to normal operation (Auto Mute = OFF) if a different band is detected during Auto Mute = ON mode.	<i>On</i> (Default) <i>Off</i>
Auto Mute Volume	Sets a volume level for muted alarms.	0 - 5 (Default = 2) <i>Off</i>
Dark Mode Brightness Setting	Set Alert brightness.	<i>Dimmer</i> (Default) <i>Bright</i> <i>Dim</i>
Auto Dim Setting [Displays if Dim set to Auto (see page 9)]	Set the start times for the OLED to automatically brighten or dim. For example, you can set the OLED to be brighter at 6:00 AM and dimmer at 6:00 PM. See page 20 for details.	Bright time - Set time for the OLED to change brightness in 15 minute increments. Bright Brightness - Select Bright, Dim, or Dimmer. Dim Time - Set time for Dim in 15 minute increments. Dim level - Select Bright, Dim, Dimmer, Dark, or Off.
Backlight	Turns the front key backlight on and off. Press and hold MUTE/DIM to select a brightness level.	<i>On</i> (Default) <i>Off</i>
Quiet Ride (GPS on)	Mutes radar alarms for K and X bands when you drive under the speed limit you set here.	mph = 5 - 90 in 5 mph intervals km/h = 10 - 140 in 10 km/h intervals <i>Off</i> (Default)

MENU ITEM	FUNCTION	SETTINGS
Limit Speed (GPS on)	Set an alarm to sound if you go faster than this selected speed.	50 - 100 mph (80 - 160 km/h) Off (Default)
GMT (GPS on)	Sets time zone according to Greenwich Mean Time (GMT).	Most common time zone settings for North America are: GMT-05:00 - Eastern Standard GMT-06:00 - Central Standard GMT-07:00 - Mountain Standard GMT-08:00 - Pacific Standard GMT-09:00 - Yukon Standard GMT-10:00 - Alaska-Hawaii Standard
DST (GPS on)	Daylight Saving Time	<i>On</i> <i>Off</i> (Default)
BAT Warning	Sounds a warning tone if the vehicle battery power drops below 11V.	<i>On</i> <i>Off</i> (Default)
BAT Saver (GPS on)	Turns off power to the R3 if the speed stays at 0 or if the GPS is not connected for more than an hour.	<i>On</i> <i>Off</i> (Default)
Self Test	Runs a self diagnostic test on the unit to check for faults.	<i>On</i> (Default) <i>Off</i>
Factory Reset?	Resets all settings to the factory defaults. There is no confirmation request for reset.	Press MENU to reset to factory settings.

MENU ITEM	FUNCTION	SETTINGS
Delete All Mute? (GPS on)	Delete all saved Mute Memory points. <i>There is no confirmation request to delete all Mute Memory points.</i>	Press MENU to delete all saved Mute Memory points.
Delete All Users? (GPS on)	Delete all user-selected memory points.	Press MENU to delete.
Version	Displays the latest firmware version.	NA
DB Ver (GPS on)	Displays the latest database version.	NA
Exit	Closes the Menu system.	NA

BASIC OPERATIONS

HOW DO I ...?	TRY THIS...
Turn on the R3	Be sure the unit is connected to power and then press POWER . The unit turns on and runs through an initial self-check if Self Test is turned on. It displays the different bands and their settings. The R3 turns on automatically when you start the vehicle.
Adjust the volume	Press VOL + to increase volume. The unit beeps and displays a number increase. Press VOL - to decrease volume. The unit beeps and displays a number decrease.
Mute alarm audio during the alert	Press MUTE/DIM during an audio alarm to mute it. (This is especially useful in situations where the alert may be prolonged, such as at red lights.) You can also press the MUTE button on the power cord.
Change the screen's brightness	Press and hold MUTE/DIM . The R3 announces the brightness level (Bright, Dim, Dimmer, Dark, or Off) as it changes to that level. Press and hold the key again to cycle between the brightness levels.

HOW DO I ...?	TRY THIS...
Turn bands on and off	Press MENU and cycle through the menu options until the band you want to turn off displays. Press MENU again to change that band's status.
Change Highway to City or set attenuation levels in Advanced mode and back	Press MENU . The first menu selection is Highway (default). Press MENU to cycle through <i>Highway</i> , <i>City</i> , and <i>Advanced</i> . After you select <i>Highway</i> or <i>City</i> , press and hold MENU to exit. If you select <i>Advanced</i> , press + to select either the K or Ka band to adjust. Press MENU to adjust sensitivity levels in 10% increments. Press + again to adjust the other mode.
Set a user mark	Press MARK to create a user mark when you are at a location where there is normally some type of radar. The R3 announces "User mark logged." The R3 will announce when you approach user marks. The R3 can save up to 500 user marks.
Delete a user mark	Press MARK again at that location to delete the user mark. The R3 can save up to 500 user marks.
Delete ALL user marks	Press and hold MARK to delete all user marks. The R3 does NOT ask for confirmation before deleting single user marks.

FEATURE DETAILS

AUTO DIM

The Auto Dim feature only displays in the menus if you select *Auto* using the R3 unit's **MUTE/DIM** button or the power cord's **MUTE** button. Use this feature to set when the OLED changes brightness levels and to what brightness levels it changes. For example, you can set the R3 to shift to Bright level at 6:00 AM and then to Dimmer level at 6:00 PM.

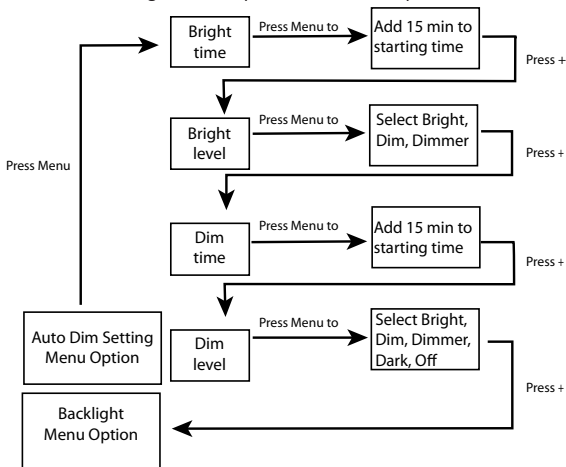
Set DIM to Auto from the R3/Power Cord

1. Press and hold the **MUTE/DIM** button on the R3 device or the **MUTE** button on the power cord. The current DIM level displays on the OLED.

- Press the **MUTE/DIM** button on the R3 device or the **MUTE** button on the power cord to change DIM levels until **AUTO** displays. The R3 device displays and, if volume is turned on, announces the current feature setting.

Configure Auto from MENU

- Press **MENU**. Press + or - to scroll through the menu options until **Auto Dim Setting** displays.
- Press **MENU** to access Bright time options (Bright time box in the illustration). Press **MENU** to add 15 minutes to the start time displayed. (Range = 5:30 AM - 7:30 AM)
- Press + to access Bright level options (Bright level box in the illustration). Press **MENU** to scroll between **Bright**, **Dim**, and **Dimmer**.
- Press + to access Dim time options (Dim time box in the illustration). Press **MENU** to add 15 minutes to the start time displayed (Range = 5:00 PM - 8:00 PM).
- Press + to access Dim level options (Dim level box in the illustration). Press **MENU** to scroll between **Bright**, **Dim**, **Dimmer**, **Dark**, and **Off**.
- Press + to access the next menu item, **Backlight**.
- The OLED will change to these preset levels at the preset times.



USER MARKS (LASER AND RADAR SITES)

With the R3, you can mark geographical points where you commonly encounter radar transmissions, These can be school zones, red-light cameras, and places where police frequently monitor traffic.

When you are at the location, press **MARK**. The R3 announces “User mark logged.” Now, when you approach these points, the R3 announces “User mark ahead.”

Press and hold **MARK** at that location to delete that user mark.

The R3 registers up to 500 user marks.

RED LIGHT CAMERA POINT DELETE

When you are at a red light camera and an alert displays, you can delete that camera point. Once deleted, the R3 will not alert at that red light camera location again.

To delete the RLC Point, press **MUTE/DIM** on the unit or **MUTE** on the power cord while the alert displays.

A confirmation message displays. Press **MUTE/DIM** on the unit again or **MUTE** again on the power cord. *Delete Completed* displays.

HIGHWAY VS CITY MODE

Uniden’s R3 radar detector operates in two different frequency (X, K, and Ka band) sensitivity modes - Highway and City. Highway mode is the most sensitive, with maximum detection ranges while on the highway or open road. City is on the lower end of the detection scale for city driving. City mode reduce sensitivity so that false signals (such as from automatic door openers) are filtered out.

Under factory default conditions (X band = off on all modes, K and Ka bands = on), the band sensitivities are:

- Highway: X band off; K and Ka band full sensitivity.
- City: X band off and K band sensitivity reduced; Ka band full sensitivity.
- Advanced: Adjust the sensitivity level for each band.

You can adjust the sensitivity levels of each band.

1. Press **MENU**. The current mode displays (Default = Highway)
2. Press **+** to scroll through the option and select Advanced mode. Press **MENU** to adjust sensitivity levels in 10% increments.

Sensitivity Level %	Sensitivity Adjustment (Attenuation)
100	Full sensitivity (Default)

Sensitivity Level %	Sensitivity Adjustment (Attenuation)
90	- 1 dB
80	- 2 dB
70	- 3 dB
60	- 4.5 dB
50	- 6 dB
40	- 8 dB
30	- 10.5dB

3. When complete, press **+** to move to the next mode to adjust.

4. Press **+** to return to the **MENU**.

Turn X band on in the menus with K and Ka bands still on (default); the mode sensitivities are:

- Highway: X, K, and Ka band full sensitivity.
- City: X and K band sensitivity reduced; Ka band full sensitivity.

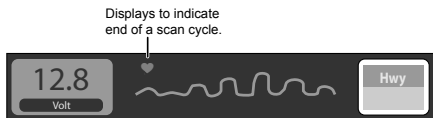
If a band is turned off through the menus, it is off in all modes.

POP MODE

In POP mode, the R3 can detect short burst from radars that are too fast for many other detectors to catch. You can turn POP mode on and off in the Menu system.

SCAN DISPLAY

The OLED uses a curved line to indicate scanning is in progress. A heart icon indicates the end of one scan cycle and the beginning of another. Select SCAN display through the *Display Mode* menu.



MODE DISPLAY

The OLED displays the voltage on the left side of the display and the mode on the right side. Set the mode through the *Display Mode* menu.



TIME DISPLAY

The OLED displays the time in the center of the OLED if *Time Display* is selected in the menu.



ALARM PRIORITIES

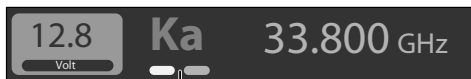
- GPS Connected / GPS Error / Speed Camera / Red Light Camera / User Mark Alarm/POI Limit Speed Alarm.
- Laser signal



- MRCD Alarm



- X, K, Ka band signal



Signal strength indicator (1 - 5)

- User Limit Speed Alarm
- Vehicle Low Battery Voltage Warning, Vehicle Battery Saver Alarm

Low Battery

THREATS

The R3 detects up to 4 radar band signals (threats) at a single time. The strongest radar signal is designated as the Priority signal, and its frequency displays on the OLED. The other signals (threats) are indicated in the left side of the display. In the following example, 2 K band, 1 X band, and 1 Ka band frequencies are detected.



The Priority menu setting determines which type of frequency displays on the OLED (see page 12). If Priority is set to Signal priority, the strongest signal displays on the OLED. If Priority is set to Ka Priority, the Ka band radar signal displays on the OLED.

MUTE MEMORY

Use Mute Memory to mute known areas of false alarms (such as department store automatic doors). The R3 remembers where you muted the audio (GPS location) and the frequency you muted. It will automatically mute when you travel to that location and the saved frequency is detected; however, if a different frequency is detected, the R3 alerts to that different frequency.

When you press **MUTE/DIM** or the **MUTE** button on the power cord to mute audio for a specific location, *Mute On* displays. While *Mute On* displays, press **MUTE/DIM** or the **MUTE** button on the power cord again to save that GPS location to memory. *Mute Memory* displays on the screen.

R3 stores up to 500 Mute Memory points.

To delete Mute Memory points, press **MUTE/DIM** or the **MUTE** button on the power cord while *Mute Memory* displays. The R3 displays a delete confirmation message; press **MUTE/DIM** or the **MUTE** button on the power cord again to confirm. You can also delete Mute Memory points from *Menus/Delete All Mute?*

AUTO MUTE/AUTO MUTE VOLUME

When the R3 detects a signal, it sounds an alarm at the current volume level. To make the alarm quieter, turn Auto Mute on through the menus (see page 17). This

will reduce the volume to the level set (0 - 5) in the *Auto Mute Volume* menu (see page 17).

If the current volume level is 0, the R3 will not change the volume to the Auto Mute Volume level; it will keep the volume level at 0.

Auto Mute ends 10 seconds after the alarm ends unless:

- The same signal is detected within that 10 second period; then, Auto Mute stays on.
- A different band signal is detected during that 10 second period; then, Auto Mute turns off and then back on at the current volume level.

Auto Mute does not apply to Laser Alert.

USER SPEED LIMIT

When you set a speed limit through the menus, the R3 sends an alarm tone if your speed exceeds that speed limit setting. If that happens, the unit announces and displays over speed warnings.

QUIET RIDE

This function mutes X and K band radar alarms when you drive under a speed limit set in this menu (up to 90 mph/140 km/h). If X or K band signals are detected, the unit beeps once in volume level one and then goes to volume level zero. Q-Ride flashes in green on the OLED.

Ka and Laser bands are NOT muted. Mute Memory overrides Quiet Ride.



RED LIGHT CAMERA QUIET RIDE

This function mutes red light camera alarms when you drive over a speed limit set in this menu (up to 85 mph or 140 km/h) page 13.



MAINTENANCE

MAINTAINING THE EQUIPMENT

The R3 requires very little physical maintenance. Wipe it with a soft cloth to keep dust from accumulating. Check the power cord connections to keep them clean and free of corrosion.

TROUBLESHOOTING

If...	TRY THIS...
The unit won't turn on	Check the connections. Be sure they are all secure.
No display or audio.	If no display, check the connections. Be sure they are all secure. If no audio, check if Voice is turned off.
The unit alarms when the vehicle hits bumps.	Check the connections. Be sure they are all secure.
The unit alarms briefly in the same location but no radar source was in view.	There may be a motion sensor or house alarm in use within range.
The R3 did not alert when a police car was in view.	The officer may not have radar/laser units turned on. Check that the band is turned on. Press MENU and cycle through the options to get to the bands. If the band is turned off, the OLED will show OFF. Turn the band on.
The vehicle starts but the R3 does not turn on.	Verify that the power cord is securely connected to the unit and inserted into the cigarette lighter jack. Change the fuse in the power cord (spare fuse not included). Unscrew the cigarette lighter plug to access the fuse.

SPECIFICATIONS

Receiver Type:		Antenna Type:	
Radar	Double Conversion Super-heterodyne Self-Contained Antenna	Radar	Linear Polarized E-vector Vertical
Laser	Pulsed Laser Signal Receiver	Laser Front Back	Convex Condenser Lens Concave Condenser Lens
Frequency:			
X	10.525 GHz	Dimensions	110.00 mm (D) x 69.00 mm (W) x 29.50 mm (H)
K	24.150 GHz	Weight	4.9 oz (140 g)
Ka	33.400 - 36.000 GHz	Operating Temp.	-4° to +185° F (Radar/ Laser) -20° to +85° C (Radar/ Laser)
Laser	800 nm - 1,100 nm	Storage Temp.	-22° to +203° F (Radar/ Laser) -30° to +95° C (Radar/ Laser)
Detector Type:		Operating Power Source	DC 11.0 to 16.0 V
Radar	Scanning Frequency Discriminator	USB Interface	USB Specification 2.0/1.1
Laser	Pulse Width Discriminator		
Alarm Type	Voice and Beep (Detected Band and Signal strength)		

FCC/IC COMPLIANCE

AMWUA1702

FCC COMPLIANCE

This device complies with Part 15 of the FCC rules. Operation is subjected 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.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

IC COMPLIANCE

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.