Uniden®

R8w

LONG RANGE Radar/Laser Detector

User's Manual

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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.
- Visiting our customer support website at **uniden.com**.

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
R8w

R8w OVERVIEW

Uniden's R8w is a top of the line Radar Detector with a built-in GPS feature. With the R8, 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: GPS alarms, Laser, MRCD, Gatso, Radar (Ka, K, X) with customizable tones]
- Dual Antennas display Laser direction
- Voice Notifications
- Radar band frequency displays
- GPS for Red Light and Speed camera locations
- Up to 1,750 GPS lockouts
- Easy to read OLED display
- User Mark set and alarm with voice notification (up to 1,750 User Mark points)
- 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/T, Gatso RT3/4, Ka, and Laser band selectable alert tones
- K, Ka Bogey tone (Alert tones 1 - 5, Off)
- X, K, and Ka band user-defined sensitivity levels
- Auto mute volume levels (Off, On: 0 - 7)
- Ka Frequency Voice Alert
- Auto Dim
- Overspeed Alert Mute

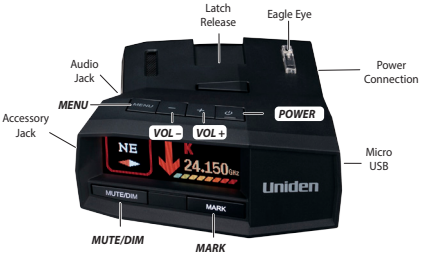
- POI database save and update (Max. 20,000 points)
- POI alarms (Speed and Red-light cameras, and User Marks)
- 2 POI types: Speed Camera and Red-Light camera
- POI alarm on/off
- Laser gun ID
- Vehicle battery saver and Low Battery warning
- Red-light camera quiet ride
- Speed unit display (mph and km/h)
- Compass display (8 directions)
- GMT setting (–12 ~ +12 hr)
- Dylight Saving Time setting (On, Off)
- Memory Quota
- K Block Filter to block K band monitor systems
- Auto Mute Memory
- 2 Low Noise Amplifiers (LNA)
- Gatso RT3/RT4 detection
- BT/WiFi On/Off
- WiFi AP Name
- WiFi Update

WHAT'S IN THE BOX

R8w Radar Detector	12V DC Power Cord with RJ11 Connector	Windshield Mounting Bracket (1 Suction Cup)	Windshield Mounting Bracket (2 Suction Cups)

Neoprene Sleeve	Carrying Case		
Not Shown: USB Cable Hook and Loop Tape Owner's Manuals (English, French, and Spanish)			

PARTS OF THE R8w



KEY	PRESS TO...	PRESS AND HOLD TO ...
POWER	Turn R8w on and off.	NA
+	Turn volume up (9 levels: 0 - 8; Default = 4). In Menus, go to next item.	Quickly turn volume up or down.
–	Turn volume down (9 levels: 8 - 0; 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, Auto, and Advanced.

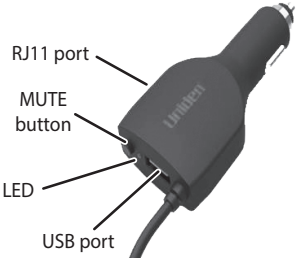
KEY	PRESS TO...	PRESS AND HOLD TO ...
MUTE/ DIM	MUTE MUTE on - Press ***MUTE/DIM*** to mute an alarm. Returns to normal operation 10 seconds after the alert ends or if a different band is detected during Mute mode. *Mute On* displays for a few seconds. MUTE off - Press ***MUTE/DIM*** to restore audible alarms before the 10 second automatic mute time-out. Mute also turns off when ***MENU*** is slected. MUTE MEMORY 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. R8w ***stores 2000 points divided between Mute Memory and User Mark locations.*** Delete Mute Memory - Press ***MUTE/DIM*** while *Mute Memory* displays; the R8w displays a delete confirmation message. Press ***MUTE/DIM*** again to confirm. MUTE RED LIGHT CAMERA VOICE ALERT 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. MUTE ALERTS FOR POI OVERSPEED ALERT AND USER LIMIT SPEED When R8w 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. ***If Overspeed Alert and Radar Alert alarms are detected at the same time,*** R8w ***alternates between these two alarms.***	DIM - Changes the display and key backlight brightness: Auto (Default). Set brightness levels for the OLED display (see page 26). Bright Dim Dimmer Dark (Dark is off unless there is alert.) Off (Off regardless of whether or not there is an alert.) DURING RED LIGHT CAMERA ALERT Press and hold ***MUTE/ DIM*** to delete the red light camera point. RED LIGHT CAMERA POINT DELETE When R8w 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, R8w will not give an alert for that camera.

KEY	PRESS TO...	PRESS AND HOLD TO ...
MARK	User Mark. A User Mark is a manually tagged geographic location where an alarm is usually found. The R8w alerts when close to these User Marks. *Add - Press **MARK*** when you are at the alarm location. *Delete - Press **MARK*** when you are at an alarm location that has been marked. An error message displays/sounds if memory is full or there is a GPS error.	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.
Micro 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 (8 levels).

POWER CORD



ELEMENT	WHAT IT DOES...
MUTE button (Although not labeled, press and hold ***MUTE*** to access ***DIM*** functions***)***	• 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. *Mute On* displays on the R8w for a few seconds. • Save a Mute location (Mute Memory) - press the ***MUTE*** button again while *Mute On* displays on the R8w to save that GPS location and frequency to memory. *Mute Memory* displays on the screen. R8w ***stores 2000 points divided between Mute Memory and User Mark locations.*** • Delete Mute Memory - Press the ***MUTE*** button while *Mute Memory* displays on the R8w; the R8w displays a delete confirmation message. Press the MUTE button again to confirm. • Red Light Camera Point Alert Mute/Delete - When R8w 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, R8w will not give an alert for that camera. • Mute Overspeed Alarms - When R8w 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 OLED display brightness. 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: • Auto (Default; see page 26 to set OLED brightness levels.) • Bright • Dim • Dimmer • Dark (Dark is off unless there is alert.) • Off (Off regardless of whether or not there is an alert.) ***Dim level cannot be changed during a Red Light Camera alert.***
LED (Red)	• Off: Power is off. • Steady on: Power is on. • Flashing: Receiving a Laser or Radar (X, K, or KA) alarm. 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 Left Menu Display option (see page 24).

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
Scanning for Frequencies 	Information displayed: • Current Speed (in mph or km/h) • System mode (Advanced) • Scanning blocks
Frequency Found 	Information displayed: • Band type Type (X, K, KA) • Frequency number • Band direction • Voltage • Signal strength indicator bars
Speed Camera Alert 	Information displayed: • Current speed (in mph or km/h) • Distance to speed camera • Speed camera icon
Red Light Camera Alert 	Information displayed: • Current speed (in mph or km/h) • Distance to red light camera • Red light camera icon
User Mark Detected 	Information displayed: • Current speed (in mph or km/h) • Distance to user mark • User mark icon

OLED EXAMPLES	MEANING
Time Display 	Information displayed: • Voltage • Time and AM/PM • Highway/City/Auto/Advanced • Heart to indicate end of scanning
Quiet Ride Display Style #1 Display Style #2 Display Style #3 	Information displayed: • Current speed (in mph or km/h) • Signal strength indicators • Signal direction arrows • Status Area (Q-Ride displays) • Band
Dark Mode 	Set mode to Dark if the unit's OLED is not expected to change a lot to prevent image burn-in (*Auto Dim* setting). In Dark mode, the OLED is dark with a small 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.
Bluetooth Connected 	B icon displays when the R8w is connected to the app via Bluetooth.
WiFi Connected 	WiFi icon displays when the R8w is connected via WiFi.

OLED EXAMPLES	MEANING
Firmware update available	The Update Available down arrow displays if a firmware update is available for any component.

INSTALL AND TURN ON R8w

You can mount the R8w 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 R8w 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 R8w and plug the cigarette lighter adapter into the vehicle's cigarette lighter.
4. When the vehicle turns on, the R8w automatically turns on and runs through a self test cycle.

Release the** R8w **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 R8w and plug the cigarette lighter adapter into the vehicle's cigarette lighter.
3. When the vehicle turns on, the R8w automatically turns on and runs through a self test cycle.

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

GPS CONNECT

When the R8w powers on, it starts receiving GPS data. When it receives GPS data, it announces “GPS Connected” and displays the following:

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).
- ***+*** : Go to the next Menu item.
- **–** : 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
Mode display	Shows selected mode.	*Basic* *Expert*

MENU ITEM	FUNCTION	SETTINGS
Band Sensitivity Selection	Changes band sensitivity as follows: *Highway* - Full Sensitivity *City* - X and K sensitivity reduced. Ka band sensitivity same as Highway. Auto - the R8w will automatically switch between Highway and City depending on the speed limits set in the Auto City Speed menu. See Auto City Speed below and on page 38. *Advanced* - User adjusts X, K, and Ka band in decreasing sensitivity from 100% - 30% in 10% intervals. Advanced - Select Attenuation levels for the X, K, and Ka bands. See page 38 for details.	*Highway* (Default) *City* *Auto* *Advanced*
Auto City Speed (If Band Sensitivity set to Auto)	Set the speed limit at which the R8w will switch from City mode to Highway mode and back.	*10 ~ 60 mph* in 5 mph increments (Default: 40 mph) *10 ~ 100 km/h* (in 10km/h increments)
X Band Attenuation (Basic and Expert levels, Advanced modes only)	The higher the attenuation (100%) the more signals, including weaker signals, are received. Reduce attenuation and the weaker signals drop out, leaving only the stronger signals.	*100%* (Default) ~ *30%* (In decreasing 10% increments)
K Band Attenuation (Basic and Expert levels, Advanced modes only)	The higher the attenuation (100%) the more signals, including weaker signals, are received. Reduce attenuation and the weaker signals drop out, leaving only the stronger signals.	*100%* (Default) ~ *30%* (In decreasing 10% increments)

MENU ITEM	FUNCTION	SETTINGS
Ka Band Attenuation (Basic and Expert levels, Advanced modes only)	The higher the attenuation (100%) the more signals, including weaker signals, are received. Reduce attenuation and the weaker signals drop out, leaving only the stronger signals.	*100%* (Default) ~ *30%* (In decreasing 10% increments)
Rear Balance (Expert level only)	Adjust sensitivity between front and rear antennas.	*100%* (Default) ~ *30%* (In decreasing 10% increments)
GPS (Turn GPS on and off in Expert level only)	Display current GPS status in Basic level. Turn GPS on or off in Expert level only. GPS determines your geographic location and locates set frequency locations in your area from a database. ***If GPS is turned on, other GPS-related menu items display.***	*On* (Default) *Off*
Speed Camera Alarm (If GPS on)	The Speed Camera alarm notifies you if any speed cameras are nearby.	*On* (Default) *Off*
Speed Camera Alert Range (If Speed Camera Alert on)	Sets range for speed camera detection when Speed Camera Alarm is On.	*Auto* *1000 ft (300 m)* (Default) *2,000 ft (600 m)* *2,500 ft (760 m)* *3,000 ft (900 m)*
Redlight Camera Alarm (If GPS on)	Notifies you if any red light cameras are nearby. The red light camera alerts when the vehicle is about 984 ft (300m) from the red light camera and goes off when the vehicle is about 1,148 ft (350m) away from it.	*On* (Default) *Off*

MENU ITEM	FUNCTION	SETTINGS
RLC Q-Ride (If GPS on)	Red Light Camera Quiet Ride - Mutes red light camera alarms if you are driving below the speed set here.	*50 ~ 85 MPH* (80 ~ 140 km/h) *Off* (Default)
POI passchime (If GPS on)	Turns the alert chime off and on.	*On* *Off* (Default)
Voice	Turns voice alert on or off under the following conditions: Type of radar/laser Band alarms	*On* (Default) *Off*
Ka Frequency Voice	Announces the detected Ka band frequency.	*On* *Off* (Default)
X Band	Turn off to have the detector ignore X band frequencies. Turn on for X band sensitivity as follows: Highway: Full sensitivity City: X and K bands sensitivity reduced	*On* *Off* (Default)
K Band	Turn off to have the detector ignore K band frequencies.	*On* (Default) *Off*
Ka Band	Turn off to have the detector ignore Ka band frequencies.	*On* (Default) *Off*
Laser	Turn off to have the detector ignore lasers.	*On* (Default) *Off*
Laser Gun ID (Laser set to on in Expert level only)	Turn on to display laser gun identifier.	*On* *Off* (Default)
~~Laser Gun Vce~~ ~~(Laser Gun Identification Voice)~~ ~~(Expert Mode)~~	~~When set to On, this feature will announce the type of laser gun identified.~~	~~*On* (Default)~~ ~~*Off*~~

MENU ITEM	FUNCTION	SETTINGS
~~Laser Jammer Mode~~ ~~(if Laser mode = On)~~	~~Set jamming levels. (See _____ for details.)~~	~~*Constant Mode* (Default)~~ ~~*Pulse Mode*~~ ~~*Receive Mode*~~
~~(Expert Mode)~~	~~If Laser Jammer Mode = Pulse Mode, the 2 Laser Pulse Mode Time feature menu items display:~~ ~~Pulse On: Time~~ ~~Pulse Off: Time~~	~~*Laser Pulse Mode On:* 3 ~ 10 sec in 1 sec steps (Default = 5 sec)~~ ~~*Laser Pulse Mode Off:* 30 ~ 60 sec in 10 sec steps (Default = 30 sec)~~
K POP (Expert level only)	Detects K POP transmissions (very brief transmissions, too fast for some detectors to hear).	*On* *Off* (Default)
MRCD/T	Activates MultaRadar CD/CT low-powered radar gun detection.	*On* *Off (Default)*
Gatso RT3/4	Activates detection for Gatso radar guns.	*Gatso RT3/4 On* *Gatso RT3/4 Off* (Default)
Ka POP (Expert level only)	Detects Ka POP transmissions (very brief transmissions, too fast for some detectors to hear).	*On* *Off* (Default)
K Filter (Expert level only)	Filters noise from the K band to prevent false detections.	*On* (Default) *Off*
Ka Filter (Expert level only)	Filters noise from the Ka band to prevent false detections.	*On* *Off* (Default)
TSF (Expert level only)	Traffic Sensor Filter. Prevents false alarms caused by traffic monitoring radar systems.	*On* *Off* (Default)
K Block1 Filter (Expert level only)	Keep K Block1 Filter ON to block K band monitor systems in the 24.199 (± 0.005) range.	*On* *Weak* (Default) *Mute* *Off*

MENU ITEM	FUNCTION	SETTINGS
K Block2 Filter (Expert level only)	Keep K Block2 Filter ON to block K band monitor systems in the 24.168 (± 0.002) range.	*On* *Weak* (Default) *Mute* *Off*
K Wide/ Narrow/ Extended (Expert level only)	K Wide and K Narrow scan for K band radar guns used in the US only. K Narrow scans a narrower frequency range than K Wide. K Extended increases the frequency scanning range for K band radar guns.	*K Wide* (Default) *K Narrow* K *Extended*
Ka Narrow/ Wide/ Segmentation (Expert level only)	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. Ka Wide scans Super Wide Ka band. Ka Segmentation allows the user to customize a Ka band sweep from 9 filtered settings.	*Ka Narrow* (Default) *Ka Wide* *Segmentation* (Default = On) *Ka 1* : 33.399 – 33.705 On/Off *Ka 2* : 33.705 – 33.903 On/Off *Ka 3* : 33.903 – 34.191 On/Off *Ka 4* : 34.191 – 34.587 On/Off *Ka 5* : 34.587 – 34.803 On/Off *Ka 6* : 34.803 – 35.163 On/Off *Ka 7* : 35.163 – 35.379 On/Off *Ka 8* : 35.379 – 35.613 On/Off *Ka 9* : 35.613 – 35.701 On/Off

MENU ITEM	FUNCTION	SETTINGS
Priority (Expert level only)	Sets whether Ka band signals have priority over the strongest radar signals for X, K, or Ka band, or MRCD. Laser alerts have priority over radar alerts.	If MRCD on: MRCD/Ka Priority (Default) Signal Ka/MRCD If MRCD off: Signal Ka (Default)
Mute Memory Band (If GPS on, Expert level only)	Select bands to be muted.	X & K (Default) X, K, Ka
Auto Mute Memory (If GPS on, Expert level only)	This menu turns the ability to save mute requests for specific locations/frequency bands on and off.	*On* (Default) *Off*
Auto Mute Memory Band Option Set (If GPS on, Expert level only)	Auto Mute Memory Band Option Set specifies which bands will be muted.	*X & K* (Default) *X, K, and Ka*
Threat Display (Expert level only)	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 41).	*All Threat On* *All Threat Off* (Default)

MENU ITEM	FUNCTION	SETTINGS
Color (Expert level only)	Select the color for the fixed display elements on the OLED.	Blue Amber Green Pink Gray Red (Default) White Violet

MENU ITEM	FUNCTION	SETTINGS
Arrow Color (Expert level only)	X Band ***Signal setting matches signal strength level color.***	Red (Default) Blue Green Orange Yellow White Violet
	K Band ***Signal setting matches signal strength level color.***	Red (Default) Blue Green Orange Yellow White Violet
	MRCD/T Band ***Signal setting matches signal strength level color.***	When MRCD/T is on: Red (Default) Blue Green Orange Yellow White Violet
	Gatso RT3/4 Band: ***Signal setting matches signal strength level color.***	When Gatso RT3/4 is on: Red (Default) Blue Green Orange Yellow White Violet
	Ka Band ***Signal setting matches signal strength level color.***	Red (Default) Blue Green Orange Yellow White Violet

MENU ITEM	FUNCTION	SETTINGS
Band Color (Expert level only)	X Band ***When Band Color is set to Signal, band color matches signal strength level color.***	Signal (default) Red Blue Green Orange Yellow White Violet
	K Band ***When Band Color is set to Signal, band color matches signal strength level color.***	Signal (default) Red Blue Green Orange Yellow White Violet
	MRCD/T Band ***When Band Color is set to Signal, band color matches signal strength level color.***	When MRCD/T is on: Signal (default) Red Blue Green Orange Yellow White Violet
	Gatso RT3/4 Band: ***When Band Color is set to Signal, band color matches signal strength level color.***	When Gatso RT3/4 is on: Signal (default) Red Blue Green Orange Yellow White Violet
	Ka Band ***When Band Color is set to Signal, band color matches signal strength level color.***	Signal (default) Red Blue Green Orange Yellow White Violet

MENU ITEM	FUNCTION	SETTINGS
Display mode	Select what displays on the right side of the OLED.	*Scan Display* *Mode Dsplay* (Default) *Time Display (If GPS on)*
Scan Icon mode	Turn the small scanning dot icon on or off.	*On* *Off* (Default)
Left Display Mode	Select what elements display on the left side of the OLED.	*Altitude* *Speed* (Default) *Speed + Compass* *Compass* *Voltage*
Alert Display Mode	Select the desisred alert display format for the OLED.	*Alert Format #1* (Default) *Alert Format #2* *Alert Format #3*
Speed Unit (If GPS on)	Select the speed measurement type.	*mph* (default) *km/h*
X Band Tone (Expert level)	Set a tone to indicate X Band.	*1 ~ 12 tones* (Default = 1)
K Band Tone (Expert level)	Set a tone to indicate K Band.	*1 ~ 12 tones* (Default = 2)
K Bogey Tone (Expert level)	Set a tone to indicate when the detector is responding to a different K band signal.	*1 ~ 5 tones* (Default = 4) *Off*

MENU ITEM	FUNCTION	SETTINGS
K Bogey Alert Level	Setting at which K Bogey Alert activates when the K Band alert is over the set alert level. For example, when K Bogey Alert Level = 4, K Bogey Alert does not announce if a different K band signal is detected during a K band alert and its signal strength level is lower than 4.	*1 ~ 8* tones (Default = 4)
MRCD/T Tone (if MRCD/T is on in Expert level)	Set a tone to indicate when MRCD/T signals are detected.	*1 ~ 12 tones* (Default = 6)
Gatso RT3/4 Tone (if Gatso RT3/4 on in Expert level)	Set a tone to indicate Gatso RT3/4.	*1 ~ 12 tones (Default = 9)*
Ka Band Tone (Expert level)	Set a tone to indicate Ka Band.	*1 ~ 12 tones* (Default = 3)
Ka Bogey Tone (Expert level)	Set a tone to indicate the detector is responding to a different Ka band signal during a Ka band alert.	*1 ~ 5 tones* (Default = 1) *Off*
Laser Tone (Expert level)	Set a tone to indicate Laser.	*1 ~ 12 tones* (Default = 4)
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.	*On* (Default) *Off*
Auto Mute Volume	Sets a volume level for muted alarms.	*0 - 7* (Default = 2) *Off*

MENU ITEM	FUNCTION	SETTINGS
Rear K Mute (Expert level)	Turn on to mute K band alarms coming from the rear. The alarm will still display on the OLED.	*On* *Off* (Default)
Dark Mode Brightness Setting (Expert level only)	Set Alert brightness.	*Bright* *Dim* *Dimmer* (Default)
Auto Dim Setting [If GPS on in Expert level AND Dim setting set to Auto through the MUTE/DIM key (see page 33).]	Choose Time or Sensor (Default). See page 33 for details. Choosing Time lets you 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 6:45 PM. Choosing Sensor lets the R8's light sensors determine which brightness level to follow.	Bright time - Set time for the OLED to change brightness in 15 minute increments. Bright Level - Select Bright, Dim, or Dimmer. Dim Time - Set time for Dim in 15 minute increments (up to 24 hours). Dim level - Select Bright, Dim, Dimmer, Dark, or Off.
Backlight (Expert level only)	Turns the front key backlight on and off.	*On* (Default) *Off*
Quiet Ride (If GPS on)	Mutes radar alarms for K and X bands when you drive under the speed limit you set here.	Off (Default) mph = 5 - 90 in 5 mph intervals km/h = 10 - 140 in 10 km/h intervals
Q-Ride MRCD/T (If both GPS and MRCD/T are on)	Mutes MRCD/T alarms when you drive under the speed limit set previously.	*On* *Off* (Default)
Quiet Ride Beep Volume (If GPS on)	Sets the volume for Quiet Ride alerts.	0 ~ 8 (Default = 1)

MENU ITEM	FUNCTION	SETTINGS
Limit Speed (If GPS on)	Set an alarm to sound if you go faster than this selected speed.	*Off* (Default) *50 - 100 mph* *80 - 160 km/h*
GMT (If GPS on, Expert level only)	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 (If GPS on, Expert level only)	Daylight Saving Time	*On* *Off* (Default)
BAT Warning (Expert level only)	Sounds a warning tone if the vehicle battery power drops below 11V.	*BAT Warning On* *BAT Warning Off* (Default)
BAT Saver (If GPS on, Expert level only)	Turns off power to the R8w if the speed stays at 0 or if the GPS is not connected for more than an hour.	*On* *Off* (Default)
Self Test (Expert level only)	Runs a self diagnostic test on the unit to check for faults.	*On* (Default) *Off*
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? (If GPS on)	Delete all saved Mute Memory points.	Press ***MENU*** to delete all saved Mute Memory points.
Delete All Auto? (If GPS on)	Delete all saved Auto Mute Memory points.	Press ***MENU*** to delete all saved Auto Mute Memory points.
Delete All User? (If GPS on)	Delete all user-selected memory points.	Press ***MENU*** to delete all user-selected memory points.
Memory Quota (If GPS on, Expert level only)	R8w shares up to 2,000 points between Mute Memory and User Marks. Allocate these levels using this menu.	*Mute Memory: 250 ~1750 points total* *User Marks: 250 ~ 1750 points total*
BT/WiFi	Turns Bluetooth/WiFi on and off. See page 36 for procedures to pair the R8w with Bluetooth or WiFi.	*On* (Default) *Off*
BT Pairing Mode (If BT/WiFi mode On)	Initiates when BT is pairing with the R8w.	*NA*
WiFi AP Name (If BT/Wifi mode On)	Displays current AP name (SSID) of WiFi connection.	
WiFi Update (When ~~BT or~~ WiFi is connected)	Select type of update.	*Full* *DB* (Database) *Exit*
S/W version~~/ DSP Version/ GPS Version~~	Displays the latest firmware version for Firmware, GPS, Sound, and BT/WiFi.	Press ***MENU*** to cycle through the firmware displays.

MENU ITEM	FUNCTION	SETTINGS
DB Ver (If GPS on)	Displays the latest database version.	NA
Exit	Closes the Menu system.	NA

BASIC OPERATIONS

HOW DO I ...?	TRY THIS...
Turn on the R8w	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 R8w turns on automatically when you start the vehicle.
Adjust the volume	Press **+** to increase volume. The unit beeps and displays a number increase. Press **–** 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 unit displays the current brightness level. Press ***MUTE/DIM*** again. The R8w announces the brightness level (Bright, Dim, Dimmer, Dark, or Off) as it changes to that level.
Turn bands on and off	Press ***MENU*** then **+** to 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 Auto or set attenuation levels in Advanced mode and back	Press ***MENU***. The first menu selection is Highway (default). Press ***MENU*** to cycle through *Highway*, *City*, *Auto*, and *Advanced*. After you select *Highway*, *City*, or *Auto*, press and hold ***MENU*** to exit. If you select *Advanced*, press **+** to select the X, K, or Ka band to adjust. Press ***MENU*** to adjust sensitivity levels in 10% increments. Press **+** again to adjust the other mode.

HOW DO I ...?	TRY THIS...
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 R8w announces "User mark logged." The R8w will announce when you approach user marks. R8w ***stores 2000 points divided between Mute Memory and User Mark locations.***
Delete a user mark	Press ***MARK*** again at that location to delete the user mark. R8w ***stores 2000 points divided between Mute Memory and User Mark locations.***
Delete ALL user marks	Press and hold ***MARK*** to delete all user marks. The R8w does NOT ask for confirmation before deleting single user marks.
Allocate dynamic memory points between Mute Memory and User Marks	Press ***MENU*** and **+** to scroll to the *Memory Quota*; menu. Press ***MENU*** to select it and press **-** and **+** to change the allocation in 50 point increments. See for details.
Update the firmware and database	Refer to page 43 or **uniden.com** for details.

FEATURE DETAILS

ALARM PRIORITIES

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

- MRCD/T Alarm

- Gatso RT3/4

- Radar (X, K, Ka band signal)

ALERT DISPLAY OPTIONS

The R8w has 3 different display options for alerts, selectable in the Menus.

Alert Display #1

Alert Display #2

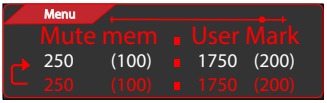
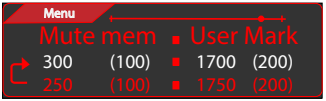
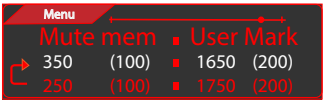
Alert Display #3

If the frequency is muted, the signal strength display is gray.

ALLOCATING MEMORY

The R8w allows 2000 memory points to be shared between Mute Memory points and User marks. The default allocation is 1000 points each; the most one category can have is 1750 with the other category having a maximum of 250 at the same time. Change this allocation through the *Memory Quota* menu.

The Memory Quota menu lets you allocate memory in 50 point blocks. For example, if you want to add 50 points to Mute Memory, those 50 points are deducted from User Marks. This creates a balancing effect between the two.

1. Select *Memory Quota* from the main menu. The Memory Quota screen displays. The bottom line is the starting allotment; the middle line is the line that changes as you increase/decrease allotments. The number in parentheses indicates the number used; for example, the user has used 100 Mute Memory points out of 250.	
2. Use the **+** and **-** keys to increase or decrease the category with the highest allotment by 50 units. Using the examples to the right, you start with User Mark at the maximum, 1750, so pressing **+** doesn't affect the allotments. Pressing **-** will subtract 50 from User Mark and add 50 to Mute Memory.	 Press **-** again for the following result: 
3. Press ***MENU*** to save that change. *Change Quota?* displays. ***If no keys are pressed within 10 seconds after this confirmation message displays, the system cancels the changes.***	

4. Press ***MENU*** again to accept changes to the Memory Quota. A confirmation message displays before returning to the status screen.	

ALL THREAT DISPLAY

R8w can detect up to 4 radar signals at a time and display then on the OLED. The main display reflects the value set in the Priority menu (see page 20) and up to 3 more alerts display in the left side.

ALTITUDE DISPLAY

The altitude display changes according to the speed unit selected in the menu. If mph is selected, the altitude displays in feet (*ft*). If km/h is selected, the altitude displays in meters (*m*).

Altitude - feet

Altitude - meters

AUTO DIM

The Auto Dim feature only displays in the Expert level if you select *Auto* using the R8w unit's ***MUTE/DIM*** button or the power cord's ***MUTE*** button.

The R8w has a light sensor that works with the Auto Dim feature to dim or brighten the OLED display according to outside light levels. Configure OLED brightness/dim levels through the Auto Dim setting in the menus.

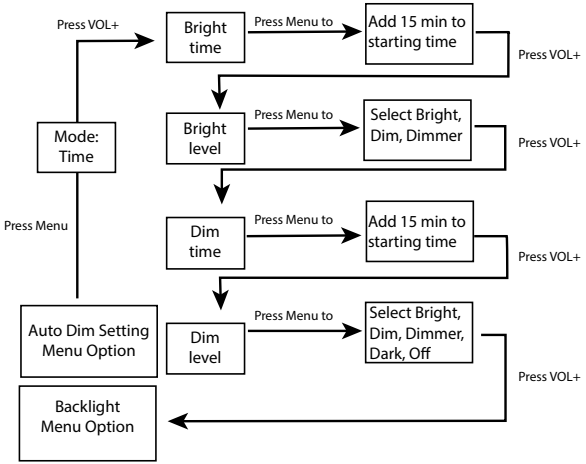
Set DIM to Auto from the R8/Power Cord

1. Press and hold the ***MUTE/DIM*** button on the R8w device or the ***MUTE*** button on the power cord. The current DIM level displays on the OLED.
2. Press the ***MUTE/DIM*** button on the R8w device or the ***MUTE*** button on the power cord to change DIM levels until *AUTO* displays. The R8w device displays and, if volume is turned on, announces the current feature setting.

Configure Auto from MENU

The unit must be set to Expert level with GPS on and the brightness level must be set to Auto through the Mute/Dim button or the MUTE button on the power cord.

1. Press ***MENU***. Press ***VOL+*** or ***VOL-*** to scroll through the menu options until *Auto Dim Setting* displays.
2. Press ***MENU*** to display Auto/Dim options display - Time or Sensor. Selecting Time will let you set specific times when you want the OLED to get brighter or dimmer. Selecting Sensor will let the ambient light levels trigger when the OLED will get brighter or dimmer.
3. Select Mode: Time Press ***VOL+*** access Bright time. (Bright time box in the illustration.) Press ***MENU*** to add 15 minutes to the start time displayed. (Range = 5:30 AM - 7:30 AM)
4. Press ***VOL+*** to access Bright Level options (Bright level box in the illustration). Press ***MENU*** to scroll between *Bright*, *Dim*, and *Dimmer*.
5. Press ***VOL+*** 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).
6. Press ***VOL+*** to access Dim level options (Dim level box in the illustration). Press ***MENU*** to scroll between *Bright*, *Dim*, *Dimmer*, *Dark*, and *Off*.
7. Press ***VOL+*** to access the next menu item, *Backlight*.
8. The OLED will change to these preset levels at the preset times, making the OLED brighter or dimmer as selected.



AUTO MUTE/AUTO MUTE VOLUME

When the R8w detects a signal, it sounds an alarm at the current volume level for three seconds. After 3 seconds, R8w changes the volume level to the Auto Mute Volume level set in the Menu (see page 25).

Regardless of how high Auto Mute may be set, it will never be at a higher level than the actual volume level. For example, if the volume is set to level 5 and Auto Mute Volume is set to level 7, Auto Mute will keep the volume at level 5, the same as the actual volume level.

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.

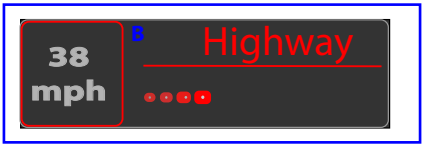
CONNECTIVITY

Establishing a Bluetooth Connection

To establish a Bluetooth connection, both the R8w and your device need to be in pairing mode.

NOTE: These procedures are general in nature; follow any specific procedures for pairing your specific device (iOS, Android, etc.) as needed.

1. Put your device in pairing mode.
2. In the R8w menus, be sure BT/WiFi is set to On (see page 28) and then select BT Pairing. *Pairing R8w* displays.
3. R8w displays on your device as an available device for pairing. Select it to begin pairing.
4. *Success* displays when Pairing is complete. When R8w is connected to the device through Bluetooth Pairing, *B* displays on the screen.



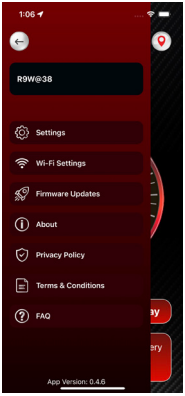
NOTE: BT/WiFi mode MUST be set to ON in the menu (see page 28).

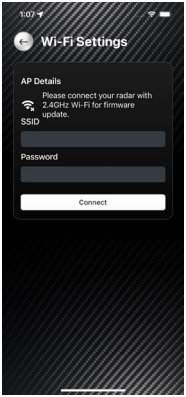
Establishing a WiFi Connection

Having a WiFi connection between your radar detector and the router lets you easily download firmware and database updates. Use the Uniden R/TACH app (available in the Google Play or the iPhone App stores) to create this connection.

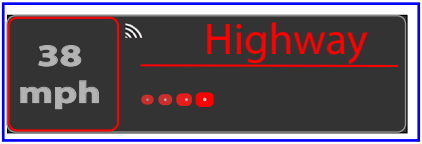
NOTE: This product's WiFi operates at 2.4GHz. If your router/modem automatically switches between speeds, no further action is necessary. If your router does not switch automatically, contact your WiFi provider for more information on how to set your router to 2.4GHz.

1. Download the Uniden R/TACH radar app from the Google Play or the Apple app store.
2. Run the app and pair it with the R9w. The app connects with it.
3. After connecting, select the WiFi Settings tab in the app.





4. Enter your SSID and password.
5. Click the Connect tab on the app to connect to the WiFi router you set up in the previous step.
6. Once connected, you will automatically connect to that WiFi router if nearby.
7. Disconnect the R9w and reconnect it to your vehicle.The WiFi icon displays on the R9w screen.



8. If there is a firmware or database update available, an Update Available down arrow also displays on the screen.

LOW BATTERY

The R8w alerts every 30 minutes when the car battery voltage is under 11 Volts. It announces *Low Battery* and displays a *Low Battery* alert.

MODES (HIGHWAY, CITY, AUTO, AND ADVANCED)

Uniden's R8w 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, K, and Ka bands full sensitivity.
- City: X and K bands sensitivity reduced; Ka band full sensitivity.
- Auto: Auto mode will switch the R8w between Highway and City depending on the Auto City Speed menu setting (see page 15). If the driving speed is over the Auto City Speed setting, R8w operates in Highway mode. If it is below the set speed, R8w operates in City mode. Sensitivity is the same as Highway and City settings.

If GPS is not connected, R8w ***automatically operates in Highway mode.***

- Advanced: Adjust the sensitivity level for each band.

1. Press ***MENU***. The current level and mode display.
2. Press ***MENU*** to scroll through the modes and select Advanced mode.
3. Press ***VOL+*** to scroll through the Bands and then press ***MENU*** to adjust the desired band in 10% increments.

Sensitivity Level %	Sensitivity Adjustment (Attenuation)
100	Full sensitivity (Default)
90	– 1 dB
80	– 2 dB
70	– 3 dB
60	– 4.5 dB
50	– 6 dB
40	– 8 dB
30	– 10.5dB

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

5. Press ***VOL+*** to return to the ***MENU***.

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

MUTE MEMORY

Use Mute Memory to mute known areas of false alarms (such as department store automatic doors). The R8w 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 R8w 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.

R8w ***stores 2000 points divided between Mute Memory and User Mark locations.***

To delete Mute Memory points, press ***MUTE/DIM*** or the ***MUTE*** button on the power cord while *Mute Memory* displays. The R8w 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?*

OLED DISPLAY OPTIONS

Use the *Display Setting* menu to determine what displays on the right side of the OLED display. Options are Mode, Scan, and Time.

MODE DISPLAY

Select *MODE Display* to show the band sensitivity selection on the OLED's right side (Highway, City, Auto, or Advanced).

SCAN DISPLAY

Select *Scan Display* to show active scanning. The OLED uses a multi block light to indicate scanning is in progress. The lights move from left to right and back again from right to left.

TIME DISPLAY

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

POP MODE

In POP mode, the R8w 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.

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.

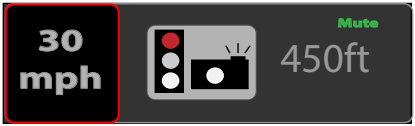
Ka and Laser bands are NOT muted. Mute Memory overrides Quiet Ride.

REAR BALANCE

This feature lets you adjust the X, K, and Ka band rear radar sensitivity from 100% to 30% in Highway, City, and Advanced modes. If you set rear balance to 50%, the rear radar's sensitivity will be half of what the front radar's sensitivity is. If the front radar is set to 100%, rear radar will be 50% (half of 100%).

RED LIGHT CAMERA QUIET RIDE

This function mutes red light camera alarms when you drive below a speed limit set in this menu (up to 85 mph or 140 km/h) (see page 17.)



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 R8w 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.

THREATS

The R8w detects up to 4 radar band signals (threats) at a single time. The strongest rader signal is designated as the Priority signal, and its frequency displays on the OLED. Alert Display #3 also displays the second strongest signal on the OLED. The other signals (threats) are indicated in the left side of the display. In the following example, 2 K band, 1 Ka band, and 1 X band frequencies are detected. The multicolor rectangles on the left side indicates signal strength.

Alert Display #1

Alert Display #2

Alert Display #3

If the frequency is muted, the signal strength display is gray.

The Priority menu setting determines which type of frequency displays on the OLED (see page 20). 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.

If the strongest signal is muted, it displays in grey on the left side and the next strongest signal displays in the main part of the display.

If only one signal is detected, the R8w display keeps the current Left Display setting.

USER MARKS (LASER AND RADAR SITES)

With the R8w, 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 R8w announces “User mark logged.” Now, when you approach these points, the R8w announces “User mark ahead.”

If there is already a User Mark within a 1,666 ft (508m) radius, you cannot save that specific location as a new User Mark.

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

The R8w registers up to 2,000 marks split between mute memory marks and user marks. These marks are split at 1750 maximum and 250 minimum between the two mark types.

USER SPEED LIMIT

When you set a speed limit thorough the menus, the R8w sends an alarm tone if your speed exceeds that speed limit setting. If that happens, the unit announces and displays over speed warnings.

MAINTENANCE

MAINTAINING THE EQUIPMENT

The R8w 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.

UPDATING THE FIRMWARE/DATABASE

NOTE: The following procedures assume that the R8w is connected to WiFi. Be sure the WiFi connection icon displays. If the WiFi connection icon does not display, go to page 36 for instruction on how to connect to WiFi.

The Update Available down arrow icon displays if updated software and/or GPS database is available on the Uniden website (uniden.com).

1. Select *WiFi Update* in the menus; *WiFi Update* displays.

2. Press ***MENU*** to display 3 options:
   - Full - Update all interfaces (UI, DSP, GPS, Sound DB, and BT/WiFi~~, Keypad, Laser, and Display~~)
   - DB - Only update the GPS database
   - Exit - Leave the update feature and return to the main display screen
3. Press ***VOL-*** to move left through the options and ***VOL+*** to move right ~~through the options~~. Press ***MENU*** to select an option.
4. Download begins. *Update Completed!* displays when download is complete.

TROUBLESHOOTING

If...	TRY THIS...
The unit won't turn on	Check the connections. Be sure they are all secure.

If...	TRY THIS...
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 R8w 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 R8w does not turn on.	Verify that the power cord is securely connected to the unit and inserted into the cigarette lighter jack.
R8w won't pair with Bluetooth.	Verify that Bluetooth is set to On in the menus (see page 28).
R8w won't pair with WiFi.	Verify that WiFi is set to On in the menus (see page 28). Verify that the SSID and password are entered correctly (see page 37).

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	4.88in (D) x 3.85in (W) x 1.52in (H) 124.11mm (D) x 98.00mm (W) x 38.80mm (H)
K	24.150 GHz	Weight	7.4 oz (210 g)
Ka	33.400 - 35.700 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

FCC ID: AMWUA2402 contains FCC ID: AMWUA2404.

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.

Avis de conformité à la FCC : Ce dispositif a été testé et s’avère conforme à l’article 15 des règlements de la Commission fédérale des communications (FCC). Ce dispositif est soumis aux conditions suivantes: 1) Ce dispositif ne doit pas causer

d'interférences nuisibles et; 2) Il doit pouvoir supporter les parasites qu'il reçoit, incluant les parasites pouvant nuire à son fonctionnement.

Tout changement ou modification non approuvé expressément par la partie responsable pourrait annuler le droit à l'utilisateur de faire fonctionner cet équipement.

FCC INTERFERENCE STATEMENT

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed

to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC CAUTION

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

FCC RADIATION EXPOSURE STATEMENT

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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.

Cet appareil est conforme aux normes RSS exemptes de licences d'Industrie Canada. Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférences nuisibles et (2), il doit pouvoir accepter les interférences, incluant celles pouvant nuire à son fonctionnement normal.

Tout changement ou modification non approuvé expressément par la partie responsable pourrait annuler le droit à l'utilisateur de faire fonctionner cet équipement.

ONE-YEAR LIMITED WARRANTY

Keep your receipt! Proof of purchase is required for warranty service.

WARRANTOR: UNIDEN AMERICA CORP. ("UNIDEN").

ELEMENTS OF WARRANTY: Uniden warrants, for one year, to the original retail owner, this Uniden Product to be free from defects in materials and craftsmanship with only the limitations or exclusions set out below.

WARRANTY DURATION: This warranty to the original user shall terminate and be of no further effect 12 months after the date of original retail sale. The warranty is invalid if the Product is (A) damaged or not maintained as reasonable or necessary, (B) modified, altered, or used as part of any conversion kits, subassemblies, or any configurations not sold by Uniden, (C) improperly installed, (D) serviced or repaired by someone other than an authorized Uniden service center for a defect or malfunction covered by this warranty, (E) used in any conjunction with equipment or parts or as part of any system not manufactured by Uniden, or (F) installed or programmed by anyone other than as detailed by the Operating Guide for this product.

STATEMENT OF REMEDY: In the event that the product does not conform to this warranty at any time while this warranty is in effect, warrantor will repair the defect and return it to you without charge for parts, service, or any other cost (except shipping and handling) incurred by warrantor or its representatives in connection with the performance of this warranty. THE LIMITED WARRANTY SET FORTH ABOVE IS THE SOLE AND ENTIRE WARRANTY PERTAINING TO THE PRODUCT AND IS IN LIEU OF AND EXCLUDES ALL OTHER WARRANTIES OF ANY NATURE WHATSOEVER, WHETHER EXPRESS, IMPLIED OR ARISING BY OPERATION OF LAW, INCLUDING, BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS WARRANTY DOES NOT COVER OR PROVIDE FOR THE REIMBURSEMENT OR PAYMENT OF INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow this exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

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PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY: If, after following the instructions in this Operating Guide, you are certain that the Product is defective, pack the Product carefully (preferably in its original packaging). Include evidence of original purchase and a note describing the defect that has caused you to return it. The Product should be shipped freight prepaid, by traceable means, or delivered, to warrantor at:

Uniden America Corporation
301 International Parkway, Suite 460
Flower Mound, TX 75022

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