DFR9
LONG RANGE Radar/Laser Detector

Detailed User's Manual

© 2018 Uniden America Corporation
Irving, Texas

Issue 1, August 2018
Printed in Korea

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:

1. Reading your owner's manual, included with this product.
2. Visiting our customer support website at www.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.

CONTENTS

CUSTOMER CARE 2
DFR9 OVERVIEW 5
FEATURES 5
INSTALL AND TURN ON DFR9 6
INSTALL/POWER ON 6
Windshield 6
Dashboard 6
WHAT'S IN THE BOX 7
PARTS OF THE DFR9 7
NON-KEY ELEMENTS 9
CHARGER 10
MENU SYSTEM 11
BASIC OPERATIONS 18
FEATURE DETAILS 20
USER MARKS (LASER AND RADAR SITES) 20
HIGHWAY VS CITY MODE VS ADVANCED 20
POP MODE 21
MODE MENU 21
Scan Display 21
Mode Display 21
Time Display 22
DISPLAY MENU 22
Speed Display 22
Speed + Compass Display 22
Compass Display 23
Voltage Display 23
Altitude Display 23

ALARM PRIORITIES....23
MUTE MEMORY....23
THREATS....24
Adjust OLED Alarm Display Brightness....24
AUTOMATIC OLED BRIGHTNESS....25
USER-DEFINED SPEED LIMIT....25
QUIET RIDE....25
RED LIGHT CAMERA QUIET RIDE....26
SPEED CAMERA....26
MAINTENANCE....26
MAINTAINING THE EQUIPMENT....26
UPDATING THE FIRMWARE/DATABASE....26
TROUBLESHOOTING....26
SPECIFICATIONS....27
FCC COMPLIANCE....28
ONE-YEAR LIMITED WARRANTY....28

UNIDEN

LONG RANGE RADAR/LASER DETECTOR DETAILED USER'S MANUAL

DFR9

DFR9 OVERVIEW

The DFR9 is a top of the line Radar Detector with a built-in GPS feature. With the DFR9, 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
- Voice Notifications
- Radar band frequency displays
- GPS for Red Light and Speed camera locations
- Easy to read OLED display
- User Mark set and voice notification
- Advanced K and Ka band filters
- Displays Signal Strength and Vehicle Battery Voltage
- Max. Speed Warning System

INSTALL AND TURN ON DFR9

You can mount the DFR9 on the windshield (bracket included) or on the dashboard (hook and loop tape included).

INSTALL/POWER ON

Windshield

When you mount the DFR9 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 back window.

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 DFR9 and plug the cigarette lighter adapter into the vehicle's cigarette lighter.
4. The DFR9 automatically turns on and runs through a self test cycle.

Release the DFR9 ***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.

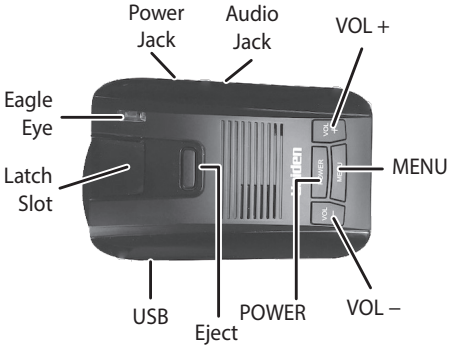
1. Attach the unit to the dashboard using the hook and loop fastener tape.
2. Plug the power cord RJ11 connector into the DFR9 and plug the cigarette lighter adapter into the vehicle's cigarette lighter.
3. The DFR9 automatically turns on and runs through a self test cycle.

Pull the DFR9 from the dashboard, separating the hook and loop tape.

WHAT'S IN THE BOX

DFR9 Radar Detector	12V DC Power Cord with RJ11 Connector
	Not Shown: Hook and Loop Fastener Tape Detailed Owner's Manual
Windshield Mounting Bracket	

PARTS OF THE DFR9



KEY	PRESS TO...	PRESS AND HOLD TO...
POWER	Turn DFR9 on and off.	NA
VOL +	• Turn volume up (7 levels: 0 - 6). • In Menus, go to next item.	NA
VOL –	• Turn volume down (7 levels: 0 - 6). • In Menus, go to previous item.	

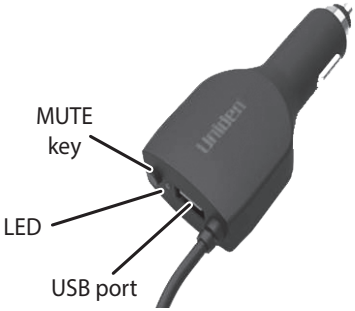
KEY	PRESS TO...	PRESS AND HOLD TO...
MENU	• Access the Menu system. • In the Menu system, press to cycle through options for the current menu item.	Change Mode (Highway → City → Advanced)
MUTE/DIM	MUTE • MUTE on - Press ***MUTE/DIM*** to mute an alarm. Returns to normal operation 10 seconds after the 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 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. ***DFR9 stores up to 500 Mute Memory points.*** • Delete Mute Memory - Press ***MUTE/DIM*** while *Mute Memory* displays; the DFR9 displays a delete confirmation message. Press ***MUTE/DIM*** again to confirm.	DIM - Changes the OLED and Key backlight intensity: • Auto • Bright • Dim • Dimmer • Dark • Off During Red Light Camera Alert: Press and hold ***MUTE/DIM*** key to delete red-light camera points.

KEY	PRESS TO...	PRESS AND HOLD TO...
MUTE/DIM (cont'd)	MUTE ALERTS Press MUTE/DIM to mute: • Red-Light Camera voice alerts • Overspeed Alerts from the POI Overspeed Warning system and the User Limit Speed system.	
MARK	User Mark. A User Mark is a manually tagged geographic location where an alarm is usually found. The DFR9 alerts when close to these User Marks. • Add - Press ***MARK*** when you are at the alarm location. • Delete An error message displays/ sounds if memory is full or there is a GPS error. ***The DFR9 registers up to 500 User Marks.***	Delete all User Marks.

NON-KEY ELEMENTS

ELEMENT	WHAT IT 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 (5 levels).

CHARGER



ELEMENT	WHAT IT DOES
MUTE key	The power cord's ***MUTE*** key operates the same as the ***MUTE/DIM*** key on the DFR9 unit itself. Press the ***MUTE*** key to mute an alarm. It 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 DFR9 for a few seconds. Press and hold the ***MUTE*** key to adjust the OLED brightness. • Auto [Allows OLED intensity levels to be changed according to ambient light lebels (see page 16).] (Default) • Bright • Dim • Dimmer • Dark (Dark is off unless there is an alert.) • Off (Off regardless of whether or not there is an alert.)
LED (Red)	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.

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.

MENU ITEM	WHAT IT DOES	SETTINGS
Mode	Change mode between Highway, City, and Advanced. • If MODE = Highway or City, then GPS and associated menus display next, followed by Voice. • If MODE = Advanced, then X, K, and Ka Band Attenuation menus display next, followed by GPS.	Highway (Default) City Advanced
X Band Attenuation (Advanced Mode only)	Set the X Band attenuation (detection sensitivity) level that the DFR9 will recognize in 20% decrements from 100% to 40%. (See page 20 for details).	100% (Default) 80% 60% 40%
K Band Attenuation (Advanced Mode only)	Set the K Band attenuation (detection sensitivity) level that the DFR9 will recognize in 20% decrements from 100% to 40%. (See page 20 for details).	100% (Default) 80% 60% 40%

MENU ITEM	WHAT IT DOES	SETTINGS
Ka Band Attenuation (Advanced Mode only)	Set the Ka Band attenuation (detection sensitivity) level that the DFR9 will recognize in 20% decrements from 100% to 40%. (See page 20 for details).	100% (Default) 80% 60% 40%
GPS (Highway or City mode on)	Determines your geographic location. ***GPS always displays. Its associated menus display if GPS = On.***	On (Default) Off ***If GPS = Off, then Voice menu displays next.***
Speed Camera (GPS on)	Notifies you if any speed cameras are nearby.	On (Default) Off
Red Light Camera (GPS on)	Notifies you if any red light cameras are nearby.	On (Default) Off
RLC Q-Ride (GPS on)	Red Light Camera Quiet Ride - Mutes red light camera alarms if you drive over the speed limit set here.	50 - 85 MPH (80 - 140 km/h) Off (Default)
Voice	Turns voice alert on or off under the following conditions: • Type of radar/laser • Band alarms ***If Voice is turned off, a chime sounds during alerts.***	On (Default) Off
Ka Frequency Voice	Turns Voice Alert on for Ka frequencies.	On Off (Default)
X Band	Turn off to have the detector ignore X Band frequencies (Highway only).	On Off (Default)
K Band	Turn off to have the detector ignore K Band frequencies.	On (Default) Off

MENU ITEM	WHAT IT DOES	SETTINGS
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
Ka POP	Detects POP transmissions (very brief transmissions, too fast for some detectors to hear).	On Off (Default)
K Filter	Filters noise from the K band to prevent false detections.	On (Default) Off
Ka Filter	Filters noise from the Ka band to prevent false detections.	On Off (Default)
TSF	Traffic Sensor Filter. Prevents false alarms caused by traffic monitoring radar systems.	On Off (Default)
K Narrow/ Wide	K Narrow scans for K radar guns used in the US only and reduces false alarms.	K Narrow K Wide (Default)
Ka Narrow/ Wide	Ka Narrow scans for Ka radar guns used in the US only and reduces false alarms. Ka Wide scans Super Wide Ka band.	Ka Narrow (Default) Ka Wide
Priority	Sets whether Ka band signals have priority over the strongest radar signals for X, K, or Ka band. ***Laser alerts have priority over radar alerts.***	Signal Ka (Default)
Mute Mem	The DFR9 saves the locations where you have muted a signal on a specific band so the detector will mute any alerts from that location on that band in the future. This menu lets you select which bands will be muted.	X&K (Default) XKKA

MENU ITEM	WHAT IT DOES	SETTINGS
All Threat	Displays if more than one radar signal is 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 24).	All Threat On All Threat Off (Default)
Color	Select a background color.	Red (Default) White Purple Blue Amber Green Pink Gray
Display	Select what will display on the OLED, either scanning for frequencies (see page 21), the mode (see page 21), or the time (see page 22).	Scan Mode (Default) Time (GPS On)
Display (GPS on)	Lets you select various attributes to display on the left side of the OLED.	
	• Speed (Default)	mph (Default), km/h
	• Speed + Compass	Speed setting (above) + N, W, etc (8 points)
	• Compass (8 points)	NW, W, etc
	• Voltage	V
	• Altitude	m (if Speed Unit set to km/h) f (if Speed Unit set to mph)
Speed Unit (GPS on)	Select the speed measurement type.	mph (Default) km/h

MENU ITEM	WHAT IT DOES	SETTINGS
X Band Tone	Set a tone to indicate X band.	1 ~ 12 tones (Default = 1)
K Band Tone	Set a tone to indicate K band.	1 ~ 12 tones (Default = 2)
Ka Band Tone	Set a tone to indicate KA band.	1 ~ 12 tones (Default =3)
Laser Tone	Set a tone to indicate Laser.	1 ~ 12 tones (Default = 4)
Auto Mute	Turning on Auto Mute changes the alarm level to the level set in Auto Mute Volume menu (0 - 5). If the same alarm sounds within the 10 second period, Auto Mute remains at the level set in Auto Mute Volume menu. 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 Vol	Set Auto Mute's volume level when Auto Mute is on.	0 - 5 (Default = 2)
Dark Mode	Press ***MENU*** to set the screen's alert brightness levels through the *Dark Level Set* submenu.	Bright Dim Dimmer (Default)

MENU ITEM	WHAT IT DOES	SETTINGS
Auto Dim Setting	The DFR9 has a light sensor to determine when the detector should use the Bright settings (daylight) and when it should use the Dim settings (nighttime). The *Auto Dim Setting* menu lets you select an OLED intensity level for both Bright and Dim settings. Two submenus display: • Bright Level Set • Dim Level Set	 Bright (Default) Dim Dimmer Dim (Default) Dimmer Dark (off until alert) Off (off all the time)
Backlight	Turns the front key backlight on and off.	On (Default) Off
Quiet Ride (GPS on)	Mutes radar alarms for K and X bands when you drive under the speed limit you set here.	5 - 90 in 5 mph (10 - 140 in 10 km/h) intervals Off (Default)
Limit Speed (GPS on)	Sounds an alarm when the vehicle reaches a specific speed.	50 to 100 in 5 mph (80 to 160 in 10 km/h) intervals On Off (Default)

MENU ITEM	WHAT IT DOES	SETTINGS
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	On Off (Default)
BAT Warning	Issues a warning if the vehicle battery voltage drops below 11V.	On Off (Default)
BAT Saver (GPS on)	Turns off power to the DFR9 if the speed stays at 0 or if the GPS is not connected for more than an hour.	On Off (Default)
Self Test	Runs a self diagnostic test at power up to check for faults.	On (Default) Off
Factory Reset?	Resets all settings except GMT to the factory defaults. ***There is no confirmation request for reset.***	Press ***MENU*** to reset to factory settings.

MENU ITEM	WHAT IT DOES	SETTINGS
Delete All Mute (GPS on)	Delete all saved Mute Memory points. ***There is no confirmation request for deleting all Mute Memory points.***	Press ***MENU*** to reset to factory settings.
Delete All Users? (GPS on)	Delete all user-selected memory points.	Press ***MENU*** to delete all saved Mute Memory points.
FW Ver	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 DFR9	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*** DFR9 ***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 charger (see page 10).

HOW DO I ...?	TRY THIS...
Change the screen's brightness	Press and hold ***MUTE/DIM***. The DFR9 announces the brightness level (Auto, Bright, Dim, Dimmer, Dark, or Off) as it changes to that level. Press and hold the key again to cycle between the brightness levels.
Change the screen's brightness during alarms	The *Dark Mode* menu lets you adjust the OLED brightness when an alarm is detected. 1. Press ***MENU***, then press ***VOL+*** until *Dark Mode* displays. 2. Press ***MENU*** to cycle through options for alarm display brightness. 3. Press ***VOL+*** to return to the menus.
Turn bands on and off	Press ***MENU*** and cycle through the menu options until the band you want to turn off or on displays. Press ***MENU*** again to change that band's status.
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 DFR9 announces "User mark logged." The DFR9 will announce when you approach user marks. ***The*** DFR9 ***can register up to 500 user marks.***
Delete a user mark	There are two ways to delete User Marks: • Press ***MARK*** again at that location to delete the user mark. • Press ***Menu***, then ***VOL+*** until *Delete All Users?* displays. Press *Menu* to delete all user marks. ***The DFR9 does NOT ask for confirmation before deleting user marks.***
Delete ALL user marks	Press and hold ***MARK*** to delete all user marks. ***The DFR9 DOES ask for confirmation before deleting all user marks. Press MARK again to confirm.***

HOW DO I ...?	TRY THIS...
Update the firmware and database	Refer to http://support.uniden.com for details.

FEATURE DETAILS

USER MARKS (LASER AND RADAR SITES)

With the DFR9, 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 DFR9 announces "User mark logged." Now, when you approach these points, the DFR9 announces "User mark ahead."

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

The DFR9 registers up to 500 user marks.

HIGHWAY VS CITY MODE VS ADVANCED

Radar detectors operate with two sensitivity levels. These levels determine the types of signals and signal ranges (bands) detected. Highway mode is the most sensitive level while City mode is the least sensitive. If the X band is left on in City mode, a radar detector can pick up many X band signals (such as garage door openers) that generate false alerts. The DFR9 reduces sensitivity to the X band for City mode to reduce false alerts. When you are on the highway, there is less chance of picking up X band false alerts, so the DFR9 keeps the X band on in Highway mode.

In Advanced mode, you can set the detection sensitivity level in 20% decrements from 100% to 40%.

Adjusting the sensitivity level does not shorten the range that the radar detector will detect signals. It limits the bandwidth strength that the radar detector will recognize. In other words, weaker signals will not be detected.

MODE	SENSITIVITY LEVELS
Highway	100% (Full Sensitivity)
City	Ka same as Highway X and K: Reduced
Advanced	User-defined sensitivity levels in 20% decrements. • 100% = Full sensitivity • 80% = 3.5db attenuation • 60% = 7db attenuation • 40% = 10.5db attenuation

POP MODE

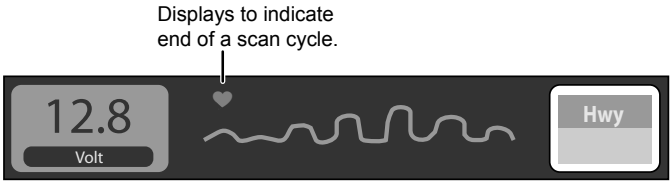
In POP mode, the DFR9 can detect short burst from radars that are too fast for many other detectors to catch. You can turn POP mode on and off in the Menu system

MODE MENU

The *Mode* menu offers 3 options to display in the OLED center section: *Scan*, *Mode*, and *Time*.

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* through the *Mode* menu.



Mode Display

The OLED displays the setting from the *Display* menu (see page 14) on left side of the display and the mode on the right side. Set the mode through the *Mode* menu.

Time Display

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

DISPLAY MENU

The *Display* menu option has 5 options to display in the left side of the OLED:

- Speed
- Speed + Compass
- Compass
- Voltage
- Altitude

Speed Display

The OLED displays the vehicle's current speed in the left side if *Speed* is selected in the *Display* menu. Select mph or km/h in the *Speed Unit* menu.

If you set speed to km/h, the Altitude display automatically changes to m (meters).

Speed + Compass Display

The OLED displays the current speed and compass orientation in the left side if *Spd+Compass* is selected in the *Display* menu. The OLED display alternates between displaying the speed and the compass direction.

Compass Display

The OLED displays the compass orientation in the left side if *Compass* is selected in the *Display* menu.

Voltage Display

The OLED displays the voltage in the left side if *Voltage* is selected in the *Display* menu.

Altitude Display

The OLED displays the altitude in feet or meters in the left side if *Altitude* is selected in the *Display* menu.

Altitude automatically displays in meters (m) if Speed Unit is set to km/h.

ALARM PRIORITIES

- Speed Camera / Red Light Camera / User Mark Alarm/POI Limit Speed Alarm
- Laser signal
- X, K, Ka Band signal
- User Limit Speed Alarm
- **Vehicle** Low Battery Voltage Warning, Vehicle Battery Saver Alarm

MUTE MEMORY

Use Mute Memory to mute known areas of false alarms (such as department store automatic doors). The DFR9 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 DFR9 alerts to that different frequency.

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

DFR9 registers up to 500 Mute Memory points.

To delete Mute Memory points, press ***MUTE/DIM*** or the MUTE button on the charger while *Mute Memory* displays. The DFR9 displays a delete confirmation message; press ***MUTE/DIM*** or the MUTE button on the charger again to confirm. You can also delete Mute Memory points from *Menus/Delete All Mute?*

THREATS

The DFR9 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. 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 whether Ka band signals have priority over other signals (see page 13). 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.

Adjust OLED Alarm Display Brightness

The *Dark Mode* menu lets you adjust the OLED brightness when an alarm is detected.

1. Press ***MENU***, then press ***VOL+*** until *Dark Mode* displays.
2. Press ***MENU*** to cycle through options for alarm display brightness.
3. Press ***VOL+*** to return to the menus.

AUTOMATIC OLED BRIGHTNESS

The DFR9 has a light sensor to determine when the detector should use the Bright settings (daylight) and when it should use the Dim settings (nighttime). The *Auto Dim Setting* menu lets you select an OLED intensity level for both Bright and Dim settings.

The Dim setting must be set to Auto from either the detector or the power adapter to display the** Auto Dim Setting **menu.

1. Press and hold ***MUTE/DIM*** key on detector or ***MUTE*** key on power connector. The next DIM setting displays.
2. Press ***MUTE/DIM*** (or ***MUTE***) key to cycle through setting options until *Auto* displays. (This DIM setting must to be set to *Auto* to display the *Auto Dim Settings* menu option.)
3. Press ***MENU***, then press ***VOL+*** until *Auto Dim Setting* displays.
4. Press ***MENU*** to display *Bright* settings. Press ***MENU*** to cycle through the *Bright* setting options. Select a setting.
5. Press ***VOL+*** to display *Dim* settings. Press ***MENU*** to cycle through the *Dim* setting options. Select a setting.
6. Press ***VOL+*** again to return to the menu system and display *Backlight* menu item. Press and hold ***MENU*** to exit the Menu system.

USER-DEFINED SPEED LIMIT

When you set a speed limit thorough the menus, the DFR9 sends an alarm tone if your speed exceeds that speed limit setting. If that happens, the unit announces and displays an overspeed warnings.

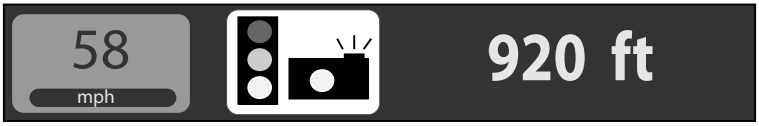
QUIET RIDE

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).



SPEED CAMERA

If the DFR9 detects a speed camera within 984 feet, it announces *Speed Camera Ahead* and displays the camera distance on the OLED.

MAINTENANCE

MAINTAINING THE EQUIPMENT

The DFR9 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

Uniden recommends that you update your DFR9's firmware and database periodically. Go to www.unidensupport.com, find your model, and check if you have the latest firmware.

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.

IF...	TRY THIS...
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 DFR9 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 DFR9 does not turn on.	Verify that the power cord is securely connected to the unit and inserted into the cigarette lighter jack.

SPECIFICATIONS

Receiver Type:		Antenna Type:	
Radar	Double Conversion Superheterodyne Self-Contained Antenna	Radar	Linear Polarized E-vector Vertical
Laser	Pulsed Laser Signal Receiver	Laser Front	Convex Condenser Lens
Frequency:		Laser Back	Concave Condenser Lens
X	10.525 GHz	Dimensions	4.9 in (D) x 3.1 in (W) x 1.4 in (H) 126.00 mm (D) x 79.00 mm (W) x 36.00 mm (H)
K	24.150 GHz	Weight	6 oz (170g)

Ka	33.400 - 36.000 GHz	Operating Temp.	-4° to +185° F (Radar/Laser) -20° to +85° C (Radar/Laser)
Laser	800 nm - 1100 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	USB Jack Output Power Rating	5VDC, 2.0 Amps
Alarm Type	Voice and Beep (Detected Band and Signal strength)		

FCC COMPLIANCE

FCC: AMWUA1801

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.

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.

LEGAL REMEDIES: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. This warranty is void outside the United States of America.

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
C/O Saddle Creek
743 Henrietta Creek Rd., Suite 100
Roanoke, TX 76262

POP Mode is a trademark of MPH Industries, Inc.