### DFR1 HARDWARE

**INSTALLATION AND TURN UP**
Install the DFR1 on the front windshield or on the dashboard. For best performance, position the detector as low as possible in the center of the front windshield. Be sure the unit’s view of the road, either to the front or the back, is clear.

**INSTALLATION**

**WINDSHIELD**
1. Clean the windshield and the rubber cups of the mounting bracket. Attach the rubber cups to the bracket.
2. Push the bracket firmly onto the windshield.
3. Slide the unit onto the bracket.
4. Gently adjust the bracket angle if needed.

**Do not use the detector to adjust the bracket angle.**
5. Plug the power cord into the detector.
6. Plug the cigarette lighter adapter into the vehicle’s cigarette lighter.

You can remove the detector by pressing the **Eject** button.

**Dashboard**
1. Place the unit on the dashboard so that it has a clear, level view of the road.

The unit cannot be readjusted after final installation.
2. Remove the backing from one side of the hook and loop fastener tape.
3. Attach the other piece of the fastener tape to the bottom of the unit and attach the unit to the dashboard fastener tape.
4. Gently adjust the bracket angle if needed.
5. Slide the unit onto the bracket.
6. Push the bracket firmly onto the windshield.

**FEATURES**
- X, K, and Ka band alarms
- Laser alarms
- Highway/City/City 1 modes
- Invisible to VG-2 and Spectre I/IV/IV+ radar detectors
- Mute alarm audio
- Memory feature saves user’s last settings (except MUTE) when the unit is powered down/disconnected from power.

**WHAT’S IN THE BOX**
- DFR1 radar detector
- Straight 12V DC Power Cord
- Windshield Mounting Bracket
- Hook and loop fastener tape
- Spare fuse for DC Power Cord
- Spare fuse for DC Power Cord
- Mounting Bracket Slot
- Various Alerts
- Solid SSM Bar 1
- Solid SSM Bars 1 and 3 + Blinking Bar 5
- Solid SSM Bars 1, 3, and 5
- Various Alerts
- Solid SSM Bar 1 and Bar 3
- Solid SSM Bar 1 + Blinking Bar 3
- Various Alerts

**SSM METERS**
- SSM Bar 1
- SSM Bar 2
- SSM Bar 3

**SSM BAR**
- City
- Highway
- City 1
- City 1 (C + SSM Bar 1)
- City 1 (C + SSM Bar 1) + Highway Mode
- Various Alerts

**LED DISPLAY**
When a signal is detected, the display will show the band type, City/Highway setting, and signal strength. If the DFR1 detects a laser, the display shows L (Laser is used in close proximity and has no signal associated with it.)

**SSM BARS**
- SSM Bar 1
- SSM Bar 2
- SSM Bar 3

**STANDBY MODE**

**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.

**BANDS**
- X Band: This band is the first frequency band assigned to police radar. It operated on a lower frequency (10.525GHz) with a higher power output.
- K Band: This band is the most common frequency used in radar detectors (24.150). Its relatively small wavelength gives it a clocking distance of about 1/4 mile although, depending on the environment, it can detect up to 5 miles.
- Ka Band: Over the years, the Ka band has incorporated the Ka-Band, the Ka Wide-Band, and the Ka Super Wide-Band. Most photo radars (also known as stop light cameras) use this band.
- Laser: Police use the laser’s narrow beam for speed detection as it is more accurate and faster. Laser beams are more detectable after they have bounced off their target and begin to disperse on the return trip.

**STANDBY MODE**

**DETECTION**
The DFR1 detects emissions from radar guns and sounds an audio alert for the driver. The detector determines which band range the signal is from and displays that frequency type on the display (X, K, Ka, or L). The signal strength (1 through 5) also displays as applicable. If there is a specific alert code, that is also displayed.

False signals can come from other devices such as the automatic doors at a supermarket or even another car’s cruise control; these devices operate in the same frequency ranges as radar guns.

**WHAT’S IN THE BOX**
- DFR1 radar detector
- Straight 12V DC Power Cord
- Windshield Mounting Bracket
- Hook and loop fastener tape
- Spare fuse for DC Power Cord
- Mounting Bracket Slot
- Various Alerts
- Solid SSM Bar 1
- Solid SSM Bars 1 and 3 + Blinking Bar 5
- Solid SSM Bars 1, 3, and 5
- Various Alerts
- Solid SSM Bar 1 and Bar 3
- Solid SSM Bar 1 + Blinking Bar 3
- Various Alerts

**LED DISPLAY**
When a signal is detected, the display will show the band type, City/Highway setting, and signal strength. If the DFR1 detects a laser, the display shows L (Laser is used in close proximity and has no signal associated with it.)

**SSM BARS**
- SSM Bar 1
- SSM Bar 2
- SSM Bar 3

**STANDBY MODE**

**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.

**BANDS**
- X Band: This band is the first frequency band assigned to police radar. It operated on a lower frequency (10.525GHz) with a higher power output.
- K Band: This band is the most common frequency used in radar detectors (24.150). Its relatively small wavelength gives it a clocking distance of about 1/4 mile although, depending on the environment, it can detect up to 5 miles.
- Ka Band: Over the years, the Ka band has incorporated the Ka-Band, the Ka Wide-Band, and the Ka Super Wide-Band. Most photo radars (also known as stop light cameras) use this band.
- Laser: Police use the laser’s narrow beam for speed detection as it is more accurate and faster. Laser beams are more detectable after they have bounced off their target and begin to disperse on the return trip.

**STANDBY MODE**

**DETECTION**
The DFR1 detects emissions from radar guns and sounds an audio alert for the driver. The detector determines which band range the signal is from and displays that frequency type on the display (X, K, Ka, or L). The signal strength (1 through 5) also displays as applicable. If there is a specific alert code, that is also displayed.

False signals can come from other devices such as the automatic doors at a supermarket or even another car’s cruise control; these devices operate in the same frequency ranges as radar guns.
OPERATION

SETUP
After installing your radar detector, you can set it to your own specifications:
• Mute/Auto Mute. When an audio alert sounds, pressing MUTE lets you turn off the audio alarm. Press and hold MUTE to set Auto Mute to ON to reduce the audio alarm by 50% automatically after 3 seconds during an alert.
• Dim. Change the brightness of the display. (Default - Bright)
• Set City, City I, or Highway - City mode delays all X band audio alerts until the signal is at level 2.
• City I mode does not recognize X band transmissions.
• Highway mode recognizes all bands and is recommended for highway driving. (Default)
The following table provides an overview of key operations:

<table>
<thead>
<tr>
<th>KEY</th>
<th>PRESS TO...</th>
<th>PRESS AND HOLD TO...</th>
</tr>
</thead>
<tbody>
<tr>
<td>MUTE</td>
<td>Turn audio alert off (1 beep) during alert audio. Mute cancelled 10 seconds after alert ends.</td>
<td>Turn Auto Mute on (1 beep) and off (2 beeps) during standby.</td>
</tr>
<tr>
<td>DIM</td>
<td>Change brightness from: BRIGHT (3 beeps) to DIM (1 beeps) to DARK (2 beeps).</td>
<td>NA</td>
</tr>
<tr>
<td>CITY</td>
<td>Change mode from: HIGHWAY (3 beeps) to CITY (1 beep) to CITY I (2 beeps).</td>
<td>NA</td>
</tr>
<tr>
<td>DIM + CITY</td>
<td>NA</td>
<td>Return to factory settings: Highway, Bright, Mute OFF, Auto Mute ON</td>
</tr>
</tbody>
</table>

MONITORING SPEED
A radar gun transmits radio waves at certain frequencies that bounce off objects and return to the radar gun's receivers. The radar gun then calculates the speed of the object. The DFR1 recognizes the following bands/frequencies used by radar guns:

<table>
<thead>
<tr>
<th>BAND</th>
<th>FREQUENCY</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>10.525 GHz</td>
</tr>
<tr>
<td>K</td>
<td>24.150 GHz</td>
</tr>
</tbody>
</table>

RADAR DETECTOR DETECTORS (RDD)
Radar detectors are illegal in some states. Law enforcement officers use special equipment to detect signals radiated by radar detectors. If they are in a state where radar detectors are illegal and the officer detects a vehicle using a radar detector, the operator of that vehicle could lose the radar detector and be fined.

The DFR1 is designed to be invisible to signals from the Spectre I, Spectre IV, and VG-2 RDDs.

CARE AND MAINTENANCE
Use common sense and your DFR1 will provide trouble-free service. Please keep the following tips in mind:
• Don’t leave your unit on the dashboard during summer months. Interior heat may exceed safe operating levels.
• Do not spray cleaners or other liquids on the unit.
• Do not use abrasive cleansers on the unit’s exterior.

TROUBLESHOOTING

<table>
<thead>
<tr>
<th>IF...</th>
<th>TRY THIS...</th>
</tr>
</thead>
<tbody>
<tr>
<td>No display or audio.</td>
<td>Check the fuse in the plug. Replace if necessary.</td>
</tr>
<tr>
<td>The unit alarms when the vehicle hits bumps.</td>
<td>Check the connections. Be sure they are all secure.</td>
</tr>
<tr>
<td>The unit alarms briefly in the same location but no radar source was in view.</td>
<td>There may be a motion sensor or house alarm in use within range.</td>
</tr>
<tr>
<td>The detector did not alert when a police car was in view.</td>
<td>The officer may not have radar/unit sensors turned on.</td>
</tr>
</tbody>
</table>

FCC/Industry Canada Information
FCC: AMX9DFR1
FCC Compliance
This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference that may cause undesired operation.

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.

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 200 Satellite Boulevard 743 Hennessy Creek Rd., Suite 100 Roanoke, TX 76262

© 2019, Uniden America Corporation Issue 2, June 2019
Irving, Texas Printed in Korea

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 (PAYMENT 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.

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 void outside the United States of America.

PROCEDURE FOR OBTAINING PERFORMANCE OF WARRANTY: If, after following the instructions in the Operating Guide, you are certain that the Product is defective, pack the Product carefully (preferably in its original package). 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 200 Satellite Blvd. 743 Hennessy Creek Rd., Suite 100 Roanoke, TX 76262

POP Mode is a trademark of MPH Industries, Inc.