

# Cobra®

Operating Instructions for Your  
Cobra® 10 Band™ Extra Sensory Detection®

## RADAR/LASER DETECTOR

MODEL ESD-9230 WX

10 BAND)))  
ULTRA™



**Nothing comes close to a Cobra™**

### Important Information

#### Important information about...

##### Federal Laws Governing the Use of Radar Detectors

It is not against federal law to receive radar transmissions with your Cobra® radar detector. The Communications Act of 1924 guarantees your right to receive radio transmissions on any frequency. Local laws that contravene this Act, while illegal, may be enforced by your local law enforcement officials until and unless they are prohibited from doing so by federal court action.

##### Safety Alert® and Strobe Alert™

Use of this product is not intended to, and does not, ensure that motorists or passengers will not be involved in traffic accidents. It is only intended to alert the motorist that an emergency vehicle equipped with a 3M Corporation Opticom™ or Tomar® preemption system, or a Cobra® Safety Alert® transmitter is within range as defined by that product. Please call local fire and police departments to learn if coverage exists in your area.

##### Safe Driving

Motorists, as well as operators of emergency or service vehicles, are expected to exercise all due caution while using this product, and to obey all applicable traffic laws.

##### Security of Your Vehicle

Before leaving your vehicle, always remember to conceal your radar detector in order to reduce the possibility of break-in and theft.

##### Customer Support

In this user's manual, you should find all the information you need to install and operate your ESD-9230 WX. If you require further assistance after reading through this manual, Cobra® Electronics offers the following customer support services:

**Automated Help Desk** is available 24 hours a day, 7 days a week at 773-889-3087.

**Customer Service Operators** are available at the same number Monday through Friday, 8:00 a.m. to 6:00 p.m. CST.

**Questions can be faxed** to 773-622-2269.

**Automated Technical Assistance** is available 24 hours, 7 days a week via e-mail at: [productinfo@cobra.com](mailto:productinfo@cobra.com)

**On-line answers** to frequently asked questions can be found at: [www.cobra.com](http://www.cobra.com).

# Cobra

## RADAR/LASER DETECTOR

MODEL **ESD-9230 WX**

### Congratulations

You've made a smart choice by purchasing the ESD-9230 WX radar/laser detector from Cobra.® Just look at some of the sophisticated features and capabilities your new unit includes:

- **ULTRA SENSITIVITY**
  - Detects and provides separate alerts for:
    - radar signals (X, K, and Ka bands, with signal strength indicated)*
    - laser signals*
    - emergency vehicle safety and strobe alert signals*
    - VG-2 signals*
- **LASEREYE®** for 360° detection of laser and strobe signals
- **"INSTANT-ON"** speed monitoring detection

- **WEATHER/ALL HAZARDS ALERT RADIO** mode to monitor weather radio broadcast and Weather/All Hazards Alert
- **TONE ALERT** or **VOICE ALERT™** with adjustable volume
- **ULTRABRIGHT™ DATA DISPLAY** is easy-to-read with adjustable brightness
- **CITY** or **HIGHWAY** modes to reduce false alerts
- **SAFETY ALERT®** Traffic Warning System
- **STROBE ALERT™**

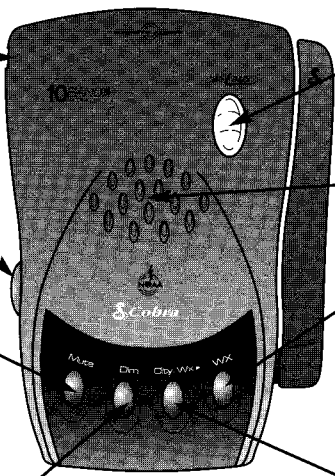
- **MANUAL MUTE** or **AUTO MUTE** of audio alerts
  - Distinguishes important safety alerts, from other K band signals
  - Mounts easily on windshield or dashboard
- This booklet describes the simple steps for mounting and setting up your ESD-9230 WX. It also provides helpful information about how radar and laser guns are used and how you can interpret the alerts you receive.

**12V DC  
POWER JACK**

**ON-OFF/VOLUME**  
control allows you to  
adjust the volume of the  
TONE or VOICE alerts.

**MUTE** button for  
MANUAL MUTE or  
AUTO MUTE of audio  
alerts. (Also turns  
Voice Alerts™ on  
and off.)\*

**DIM** button allows you to adjust the UltraBright™ Data Display brightness for easy reading. (Also turns VG-2 Alert® audio on and off.)\*

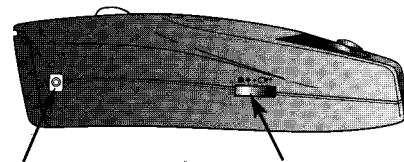


**LASEREYE®** for 360°  
detection of laser and  
strobe signals.

**SPEAKER**

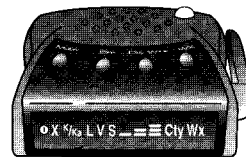
**WEATHER** button to turn  
Weather/All Hazards Radio  
mode on and off. (Also  
turns Weather/All Hazards  
Alert™ on and off.)\*

**CITY/WEATHER SET** button  
for CITY or HIGHWAY modes to  
reduce false alerts. (Also used  
to select Weather/All Hazards  
Alert Radio stations)

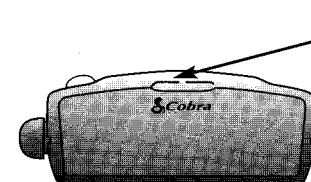


12V DC POWER JACK

ON-OFF/VOLUME control



power-on, radar, laser, VG-2  
and safety/strobe indicators  
signal strength indicator,  
city/highway and Weather/All  
Hazards Alert Radio indicators



windshield  
bracket  
mount

\*Press and hold for 2 seconds to access these functions

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Important information about...

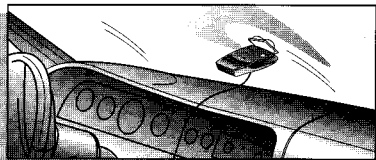
Federal Laws, Safety Alert®/Strobe Alert™, Safe Driving,  
Security of Your Vehicle, Customer Support.....

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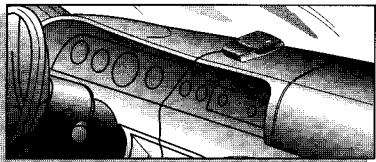
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## Where to Mount Your Unit

You will get optimum performance from your ESD-9230 WX if you mount it at a point approximately in the center of the vehicle, as low as possible on the front windshield without obstructing the unit's view of the road either to the front or rear. You can also mount it directly on the dashboard.

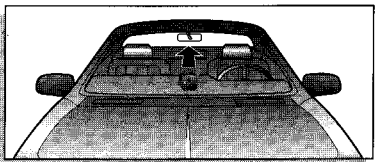


Windshield mounting



Dashboard mounting

The unit's lenses must not be blocked and the LaserEye® should have a clear view out the back window to allow 360° detection.



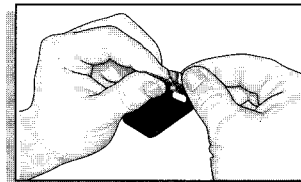
Radar and laser signals pass through glass but not through other materials and objects. Objects that can block or weaken incoming signals include:

- ▶ windshield wiper blades
- ▶ mirrored sun screens
- ▶ dark tinting at the top of the windshield
- ▶ heated windshields currently available on some vehicles (*Instaclear for Ford*®, *Electriclear for GM*®, consult your dealer to see if you have this option)

Instaclear for Ford® is a registered trademark of Ford Motor Company, Inc.  
Electriclear for GM® is a registered trademark of General Motors Corporation.

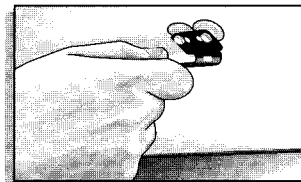
## Windshield Mounting

1. Attach the rubber cups to the bracket.

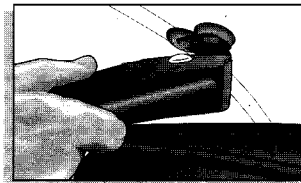


2. Make sure the rubber cups and your windshield are clean.

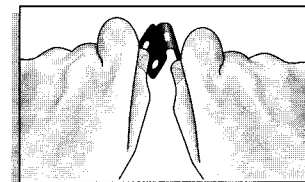
3. Push the bracket firmly onto the windshield.



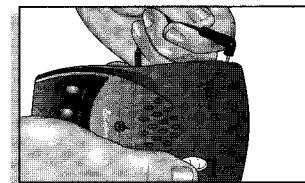
4. Attach the detector to the bracket. Check the angle of the unit.



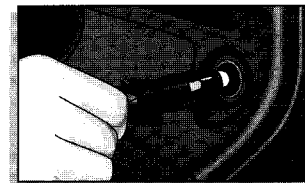
5. To adjust the angle if necessary, gently push or pull on the bracket to bend it. DO NOT use the detector to bend the bracket.



6. Plug the power cord into the detector.



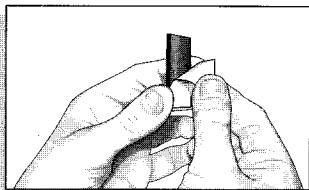
7. Plug the cigarette lighter adapter on the power cord into your vehicle's cigarette lighter.



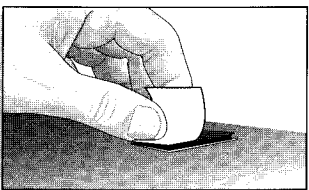
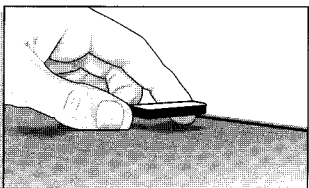
8. You can temporarily remove the detector whenever you wish by sliding it off of the bracket.

## Dashboard Mounting

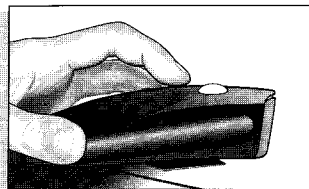
1. Place the detector on the dashboard to find a location where the unit has a clear, level view of the road. The angle can NOT be adjusted after mounting.
2. Remove the paper backing from one side of the hook-and-loop fastener.



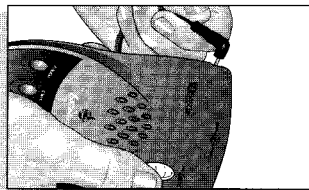
3. Attach the pad to the dashboard at your chosen location and remove the other paper backing.



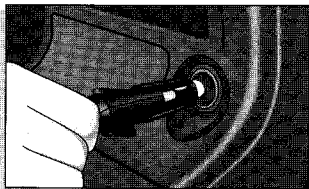
4. Attach the detector to the hook-and-loop fastener. You can remove and reattach the unit as often as you like.



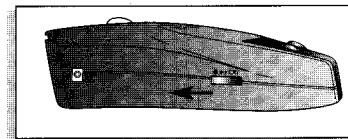
5. Plug the power cord into the detector.



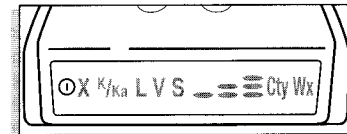
6. Plug the cigarette lighter adapter on the power cord into your vehicle's cigarette lighter.



1. Turn on the unit and adjust audio volume by rotating the **ON-OFF/VOLUME CONTROL DIAL** clockwise (away from you).



2. You will hear the voice messages, **"TESTING"** (then three beeps) **"SYSTEM READY"** and **"VOICE ALERT!"** The power symbol will appear in the display indicating that the power is on.



**NOTE:** In some vehicles, power is supplied to the cigarette lighter even while the ignition is off. If this is the case with your vehicle, you should turn off or unplug your ESD-9230 WX when parking for lengthy periods.

When changing the settings on your ESD-9230 WX, please keep in mind:

- Buttons can have multiple functions.
- Depending on your choice of Voice Alert™ or Tone Alert mode, you will hear either voice messages or tones confirming changes in settings.
- All settings will be stored in memory when the power is turned off and recalled when the power is turned back on.

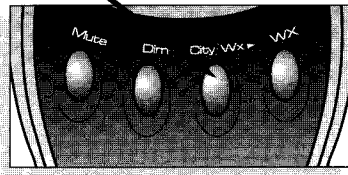
## Highway/City Mode

Setting your ESD-9230 WX to City mode delays all X band audio alerts until the signal strength reaches level 3. (A single beep will sound when the signal is first detected.) This will reduce false alerts while

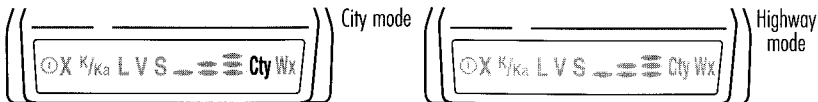
you are driving in or near urban areas where there are many sources for conflicting X band signals such as microwave towers and automatic door openers.

To change settings, follow the procedure in the table below, which indicates what you will see and hear (either in Voice Alert™ or Tone Alert mode) as you complete each step. *The factory setting is Highway mode.*

**CITY/Wx▶** button  
Press and release



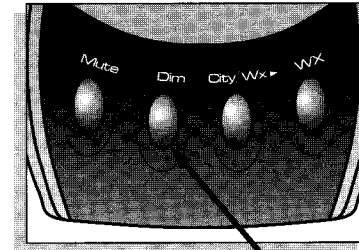
	Procedure	Tone	Voice	Visual Display
▶ <b>To change from Highway mode to City mode</b>	Press and release the <b>CITY/Wx▶</b> button.	1 beep	"city"	<b>Cty</b> appears in the display
▶ <b>To change from City mode back to Highway mode</b>	Press and release the <b>CITY/Wx▶</b> button again.	2 beeps	"highway"	none



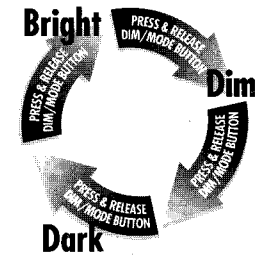
## UltraBright™ Data Display Brightness

You can choose from three settings for brightness of the display.

You can cycle through the settings by repeatedly pushing the DIM button. *The factory setting is Bright.*



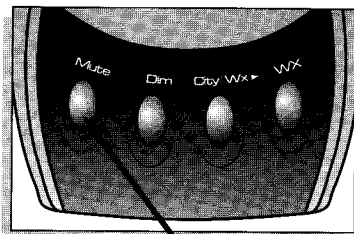
**DIM** button  
Press and release



	Procedure	Tone	Voice	Visual Display
▶ <b>To change the brightness to Dim</b>	Press and release the <b>DIM</b> button once.	1 beep	"dim"	Display dims
▶ <b>To change the brightness to Dark</b>	Press and release the <b>DIM</b> button again.	1 beep	"dark"	Display remains dim (No visual alerts will be seen)
▶ <b>To change the brightness to Bright</b>	Press and release the <b>DIM</b> button a third time.	2 beeps	"bright"	Display returns to full brightness

## Muting an Alert

Your ESD-9230 WX allows you to quickly turn off an audio alert by momentarily pressing the MUTE button. If you press the MUTE button a second time during the alert, the audio alert will be turned back on.



**MUTE button**  
Press and release

## Auto Mute Mode

Auto Mute will automatically reduce the audio volume of all alerts after 4 seconds if as long as the signal is detected.

*The factory setting for Auto Mute is ON.*

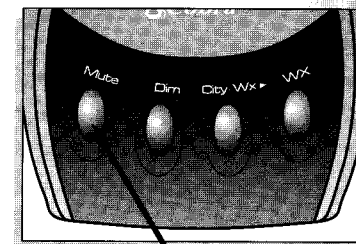
	Procedure	Tone	Voice	Visual Display
▶ <b>To turn Auto Mute off</b>	Press and release the <b>MUTE</b> button while no alert is occurring.	1 beep	"auto mute off"	none
▶ <b>To turn Auto Mute on</b>	Press and release the <b>MUTE</b> button again while no alert is occurring.	2 beeps	"auto mute on"	none

## Voice/Tone Setting

You can set your ESD-9230 WX to sound alerts with either a voice or a tone. You can change settings by using the MUTE button.

In Voice Alert™ mode you will first hear several tones, then a voice message announcing the type of signal detected, followed by more tones. In Tone Alert mode, you will hear the tones only.

*The factory setting is Voice Alert™ mode.*



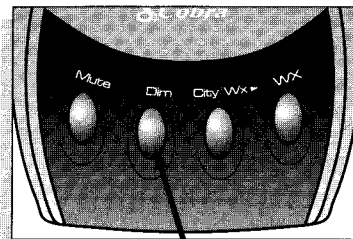
**MUTE button**  
Press and hold for 2 seconds

	Procedure	Tone	Voice	Visual Display
▶ <b>To change from Voice Alert™ to Tone Alert</b>	While no signal is being detected, press and hold the <b>MUTE</b> button for two seconds.	1 beep	"tone alert"	none
▶ <b>To change from Tone Alert back to Voice Alert™</b>	While no signal is being detected, press and hold the <b>MUTE</b> button for two seconds again.	none	"voice alert"	none

### VG-2 Alert® Audio Setting

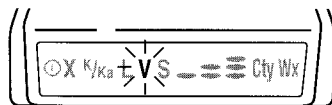
The ESD-9230 WX is undetectable by police VG-2 detection devices, and will alert you when such a device is in use near your vehicle. During the alert, the unit continues to detect other signals. You can choose whether or not you want your unit to sound VG-2 alerts.

*The factory setting is VG-2 Audio On.*



**DIM button**  
Press and hold for 2 seconds

	Procedure	Tone	Voice	Visual Display
▶ <b>To turn off VG-2 audio alert</b>	While no signal is being detected, press and hold the <b>DIM</b> button for two seconds.	1 beep	<b>"VG-2 audio off"</b>	<b>V</b> will blink once in the display
▶ <b>To turn on VG-2 audio alert</b>	While no signal is being detected, press and hold the <b>DIM</b> button for two seconds again.	2 beeps	<b>"VG-2 audio on"</b>	<b>V</b> will blink twice in the display.



### Weather/All Hazards Alert Radio Mode

The Weather/All Hazards Alert Radio feature of your ESD-9230 WX allows you to listen to Weather/All Hazards Alert Radio transmitted

by National Oceanic and Atmospheric Administration (NOAA) in your area. In Weather mode, your unit will continue to detect radar signals and provide alerts.

*The factory setting is Weather Off.*

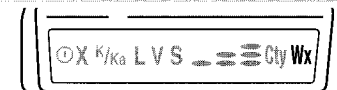


**WX button**  
Press and release

Procedure	Tone	Voice	Visual Display
Press and release the <b>WX</b> button to activate Weather/All Hazards Alert Radio mode. If a signal is received, you will hear the radio broadcast.	2 beeps	<b>"weather on"</b>	<b>Wx</b>

**NOTE:** The **Wx** in the LED acts as a signal strength meter. A weak signal will cause it to flicker. If the signal is lost, your unit will automatically return to radar mode.

1 beep	<b>"weather signal lost"</b>	none
--------	------------------------------	------



### Selecting a Weather Channel

1.

Procedure	Tone	Voice	Visual Display
If you do not hear a broadcast, press and release the <b>CITY/Wx</b> (STEP) button to cycle through the 10 channels until a signal is received.	none	none	none

2.

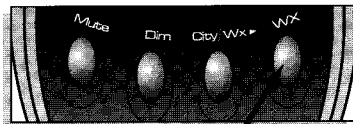
Procedure	Tone	Voice	Visual Display
To turn off Weather mode, press and release the <b>WX</b> button again.	1 beep	<b>"weather off"</b>	none



### Weather/All Hazards Alert

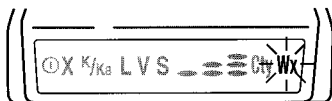
In Weather/All Hazards Alert mode, your ESD-9230 WX will automatically sound a tone alert when a local NOAA broadcast station activates a Weather/All Hazards Alert. The tone alert will be followed by a warning message related to weather, chemical, and other civilian emergencies. While in Weather/All Hazards Alert mode, your unit will continue to detect radar signals and provide alerts.

**Note:** Weather/All Hazards Alert will operate only when a signal from a weather station can be received. You must first use Weather mode to find a weather station before activating Weather/All Hazards Alert.



**WX button**  
Press and hold for 2 seconds

1.	Procedure	Tone	Voice	Visual Display
	After finding a weather station in Weather/All Hazards Alert Radio mode (see previous section), press and hold the <b>WX</b> button for 2 seconds to activate Weather/All Hazards Alert. You will not hear a radio broadcast.	2 beeps	"weather on"	<b>Wx</b> blinks slowly
	<b>NOTE:</b> If you attempt to activate Weather/All Hazards Alert while no signal is being received, the unit will not go into Weather/All Hazards Alert mode.	1 beep	"weather alert off"	<b>Wx</b> does not blink
	If no signal is received for 1 minute, your unit will notify you and but continue to monitor for the signal to return.	1 beep	"weather signal lost"	<b>Wx</b> stops blinking
	If no signal is received for 5 minutes, your unit will automatically leave Weather/All Hazards Alert mode.	none	"weather alert off"	none



2.	Procedure	Tone	Voice	Visual Display
	When an emergency Weather/All Hazards Alert notification is detected, your unit will automatically go into Weather/All Hazards Alert Radio mode and you will begin to hear the broadcast.	none	"weather alert on"	<b>Wx</b> continues to blink slowly

3.	Procedure	Tone	Voice	Visual Display
	To turn off Weather/All Hazards Alert, press and hold the <b>WX</b> button for 2 seconds again.	1 beep	"weather alert off"	<b>Wx</b> stops blinking

**Note:** If Weather/All Hazards Alert mode automatically turns off because the radio station signal is lost, you can use City/Wx button mode to find a different station, then activate Weather/All Hazards Alert again.

**Signals Detected**

The tables on the following pages show you the types of signals your ESD-9230 WX will detect, as well as the voice and visual alerts it provides for each one.

**Audio Alerts**

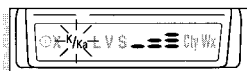
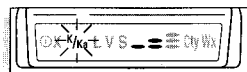
In Voice Alert™ mode you will first hear several tones, then a voice message announcing the type of signal detected, followed by more tones. In Tone Alert mode, you will hear the tones only.

In both Voice Alert™ and Tone Alert modes, a distinctly different alert tone is used for each type of signal detected (including separate tones for each laser signal). For X, K and Ka band radar signals, the tones will repeat faster as you approach the signal source. The repeat rate of the tones gives you useful information about the signal detected. (See Responding to Alerts, page 17.)

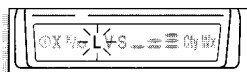
**Visual Display**

An indication of the type of signal detected will appear in the UltraBright™ Data Display. During X, K and Ka alerts, from one to three ovals will also appear, indicating the strength

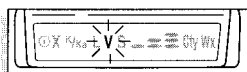
of the signal detected. (band indicator only = weakest signal, all ovals lit = strongest signal)



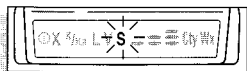
During laser alerts the letter "L" will appear, instead of the signal strength indication.



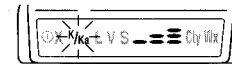
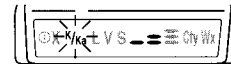
During VG-2 Alert® the letter "V" will appear.



During Safety Alert® and Strobe Alert™ the letter "S" will appear.



	Type of Signal	Voice	Visual Display
Radar	X band radar K band radar Ka band radar	"X alert" "K alert" "Ka alert"	X plus signal strength K/Ka plus signal strength K/Ka plus signal strength

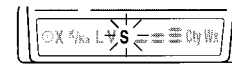


	Type of Signal	Voice	Visual Display
Laser*	LTI 20-20™* LTI Ultra-Lyte™* Kustom Signals ProLaser™* Kustom Signals ProLaser III™*	"laser alert" "laser alert" "laser alert" "laser alert"	L L L L

**PLEASE NOTE:** Beep rate changes with different laser alerts



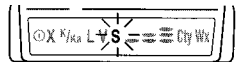
	Type of Signal	Voice	Visual Display
Strobe Alert™*	3M Opticom™ or Tomar®	"emergency vehicle approaching"	S



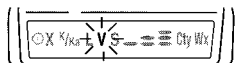
\* your ESD-9230 WX provides LaserEye® 360° detection of these signals

Type of Signal	Voice	Visual Display
Safety Alert®	emergency vehicles	S
	road hazards	S
	trains	S

**PLEASE NOTE:** *There are different tones for each Safety Alert®*



Type of Signal	Voice	Visual Display
VG-2 Alert®	Interceptor VG-2™	V



20-20™ and Ultra-Lyte™ are trademarks of Laser Technology, Inc.  
 ProLaser™ and ProLaser III™ are trademarks of Kustom Signals, Inc.  
 Strobe Alert™ and 10 Band Ultra™ are trademarks of Cobra Electronics Corporation.  
 Safety Alert® Traffic Warning System, VG-2 Alert® and LaserEye® are registered trademarks of Cobra Electronics Corporation.

Opticom™ is a trademark of 3M Corporation.  
 Tomar® is a registered trademark of TOMAR Electronics, Inc  
 Interceptor VG-2™ is a trademark of TechniSonic Industries LTD.

## Instant-On Detection

Your ESD-9230 WX is designed to detect instant-on speed monitoring signals, which can suddenly appear at full strength.

**You should take appropriate action immediately whenever an alert is given.**

## Responding To Alerts

Description	Interpretation	Recommended Response
tone repeats slowly at first, then speeds up rapidly	probably police radar	FULL ALERT
tone sounds one time only	probably a false alarm, but possibly pulsed radar	exercise caution
tone instantly begins repeating rapidly	radar or VG-2 nearby has been activated suddenly	FULL ALERT
tone repeats slowly as you approach a hill or bridge, then speeds up sharply as you reach it	probably police radar beyond the hill or bridge	FULL ALERT
tone repeats slowly for a short period	probably a false alarm	exercise caution
any type of laser alert	laser alerts are never false alarms	FULL ALERT
any Safety Alert® or Strobe Alert™	you are nearing an emergency vehicle, railroad crossing, or road hazard (construction, accident, etc.)	exercise caution

**Radar Speed Monitoring Systems**

Three band frequencies have been approved by the Federal Communications Commission (FCC) for use by speed monitoring radar equipment:


- X band** 10.525 GHz
- K band** 24.150 GHz
- Ka band** 33.400-36.00 GHz

Your ESD-9230 WX detects signals in all three radar bands.

**VG-2**

VG-2 is a "detector detector" that works by detecting low-level signals emitted by most radar detectors. Your ESD-9230 WX does not emit signals that can be detected by VG-2, but does detect VG-2 signals and will alert you when a device is in use near your vehicle.

**Safety Alert® Traffic Warning System**

 FCC-approved Safety Alert® transmitters emit microwave radar signals that indicate the presence of a safety-related concern. Depending on the frequency of the signal emitted, it can indicate a speeding

emergency vehicle or train, or a stationary road hazard.

Because these microwave signals are within the K band frequency, most conventional radar detectors will detect Safety Alert® signals as standard K band radar. Your ESD-9230 WX, however, is designed to differentiate between standard K band and Safety Alert® signals, and give separate alerts for each.

Safety Alert® technology is relatively new. Safety Alert® transmitters can be found in limited numbers in all 50 states, but the number is growing. Depending on your location, you may not receive these alerts regularly and may often encounter emergency vehicles, trains, and road hazards without being alerted. As the number of transmitters increases, these alerts will become more common.

When you receive such an alert, please watch for emergency vehicles ahead of you, on cross streets, and behind you. If you see an emergency vehicle approaching, please pull over to the right side of the road and allow it to pass.

**Strobe Alert™**

Special strobes mounted on the light bars of authorized emergency vehicles (fire trucks, police cars, ambulances) automatically change traffic signals as the vehicle approaches an intersection. These strobes and the special strobe detectors located on the traffic signals, introduced fairly recently by 3M and Tomar, are already in use in more than 1000 cities nationwide. Cobra's exclusive Strobe Alert™ detector will detect these special strobes and give an Emergency Vehicle alert.

When you receive such an alert, please watch for an approaching emergency vehicle and pull over to allow it to pass. To inquire about coverage in your area, contact your local fire and police departments.

**LIDAR (laser)**

The correct name for the technology that most people refer to as laser is actually LIDAR, which stands for Light Detection and Ranging. LIDAR operates much like radar. Its signal spreads out like a radar signal, though not as quickly. Unlike radar, LIDAR must have a clear line of sight to its target vehicle throughout the entire measurement interval. Obstructions such as sign posts, utility poles, tree branches, etc., will prevent valid speed measurement.

**Some common questions about LIDAR include:**

**Does weather have any affect on LIDAR?**

Yes. Rain, snow, smoke, fog, or airborne dust particles will reduce the effective range of LIDAR and can, if dense enough, prevent its operation.

**Can LIDAR operate through glass?**

Yes. Newer LIDAR guns can obtain readings through most types of glass. However, the laser pulse also can be

received through glass to trigger an alarm by your ESD-9230 WX.

**Can LIDAR operate while in motion?**

No. Because LIDAR operates by line of sight, the person using it cannot drive the vehicle, aim, and operate the gun all at the same time.

**Is LIDAR legal to use?**

Yes. It is legal in all 50 states.

## Maintenance of Your Radar Detector

Your ESD-9230 WX is designed and built to give you years of trouble-free performance without the need for service. No routine maintenance is required.

If your unit does not appear to be operating properly, please follow these troubleshooting steps:

- ▶ Make sure the power cord is properly connected.
- ▶ Make sure the socket of your vehicle's cigarette lighter is clean and free of corrosion.
- ▶ Make sure the power cord's cigarette lighter adapter is firmly seated in your cigarette lighter.
- ▶ Check the power cord fuse. (Unscrew the ribbed end cap of the cigarette lighter adapter and examine the fuse. If required, replace it with a 1-amp fuse only.)

## Service

You can receive technical assistance with your unit through one of our customer support services:

**Automated Help Desk** is available 24 hours a day, 7 days a week at 773-889-3087.

**Customer Service Operators** are available at the same number Monday through Friday, 8:00 a.m. to 6:00 p.m. CST.

**Questions can be faxed** to 773-622-2269.

**Automated Technical Assistance** is available 24 hours, 7 days a week via e-mail at: [productinfo@cobra.com](mailto:productinfo@cobra.com)

**On-line answers** to frequently asked questions can be found at: [www.cobra.com](http://www.cobra.com).

**If you suspect that your unit requires service, please call 773-889-3087 BEFORE shipping it to Cobra®. This will ensure that you receive service as quickly as possible.**

If you are asked to send your unit to the Cobra® factory, please follow these steps:

1. Send the complete unit, including power cord. (It is not necessary to include the mounting bracket.)
2. For warranty repair, enclose some form of proof-of-purchase, such as a photocopy or carbon copy of a sales receipt. If you send the original receipt, it cannot be returned.
3. Enclose a typed or clearly written description of the problem you are having with your unit, plus the name and address where you want the unit returned.
4. Pack the unit securely to prevent damage during transit. If possible, use the original packing materials.

5. Ship prepaid and insured using a traceable carrier such as United Parcel Service (UPS), Federal Express, or first class mail with delivery confirmation. Ship to:

**Cobra Factory Service  
Cobra Electronics Corporation  
6500 Cortland St.  
Chicago, IL 60707**

6. Please allow 3 to 4 weeks before contacting us about the status of your service. Call 773-889-3087 for assistance.

If your unit is under warranty, it will either be repaired or replaced upon receipt, depending on the model. If your unit is out of warranty, you will receive a letter informing you of the repair or replacement charge.



Cobra Electronics Corporation  
6500 West Cortland Street, Chicago, Illinois 60707  
www.cobra.com

### COBRA ELECTRONICS CORPORATION

warrants that its Cobra® 10 Band Ultra™ Radar/Laser Detectors, and the component parts thereof, will be free of defects in workmanship and materials for period of one (1) year from the date of first consumer purchase. This warranty may be enforced by the first consumer purchaser, provided that the product is utilized within the U.S.A.

Cobra® will, without charge, repair or replace, at its option, defective 10 Band Ultra™ Radar/Laser Detectors, products or component parts upon delivery to the Cobra® Factory Service Department, accompanied by proof of the date of first consumer purchase, such as a duplicated copy of a sales receipt.

You must pay any initial shipping charges required to ship the product for warranty service, but the return charges will be at Cobra's expense, if the product is repaired or replaced under warranty.

This warranty gives you specific rights, and you may also have other rights which vary from state to state.

Exclusions: This limited warranty does not apply; 1) to any product damaged by accident; 2) in the event of misuse or abuse of the product or as a result of unauthorized alterations or repairs; 3) if the serial number has been altered, defaced or removed; 4) if the owner of the product resides outside the U.S.A.

All implied warranties, including warranties of merchantability and fitness for a particular purpose are limited in duration to the length of this warranty.

Cobra® shall not be liable for any incidental, consequential or other damages; including, without limitation, damages resulting from loss of use or cost of installation.

Some states do not allow limitations on how long an implied warranty lasts and/or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

Band	Frequencies		
X band	10.525	± 0.050	GHz
K band	24.125	± 0.125	GHz
Safety Alert® Traffic Warning System	24.070	± 0.010	GHz
	24.110	± 0.010	GHz
	24.190	± 0.010	GHz
	24.230	± 0.010	GHz
Ka band	34.700	± 1.300	GHz
Laser	910	± 50	nm
Strobe	700	± 300	nm
Unit Dimensions & Weight			
Dimensions	3¼"W x 1½"H x 5½"D		
Weight	170 grams		

This radar detector is covered by one or more of the following U.S. patents: 5,497,148; 5,594,432; 5,612,685; 6,078,279; 6,094,148. Additional patents may be listed inside the product or pending.

# 9 OPTIONAL ACCESSORIES

You can find these fine accessories at your local Cobra® dealer. If you wish, you can order directly from Cobra®.

### To order by phone

Call **773.889.3087**

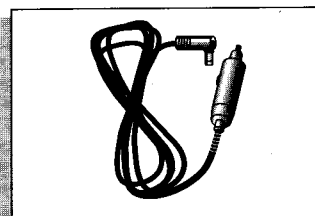
(Press 1 from the main menu  
8 a.m.-6 p.m. M-F CST.)

### To order by mail or fax

Please fill out order form on next page,  
and mail/fax directly to Cobra®.

### To order online

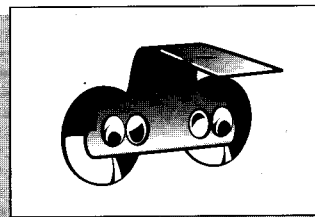
Go to [www.cobra.com](http://www.cobra.com) and click on  
"shop Cobra®."



### Straight 12V DC Power Cord

Includes plug and fuse

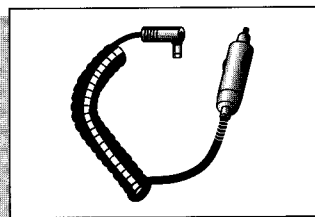
420-030-N-001 \$10.00



### Windshield Mounting Bracket

Includes suction cups

545-139-N-001 \$7.00



### Curled 12V DC Power Cord

Includes plug and fuse

420-026-N-001 \$10.00

# ORDER FORM 10

Item #	Description	Cost Ea.	Qty.	Amount
420-030-N-001	Straight 12V Power Cord	\$10.00		
420-026-N-001	Curled 12V Power Cord	\$10.00		
545-139-N-001	Windshield Mounting Bracket	\$7.00		

Prices subject to change without notice.

### Tax Table

Illinois residents add 8.75%  
Indiana residents add 5%  
Michigan residents add 6%  
Ohio residents add 6%  
Wisconsin residents add 5%

Subtotal	
(Tax if applicable)	
Shipping/handling	\$4.00
Total	

For credit card orders fill out order  
form and fax to: **773.622.2269**  
or call **773.889.3087**  
(Press 1 from the main menu)  
8:00 am - 6:00 pm, M-F, CST.

Make check or money order  
payable to:  
**Cobra Electronics**  
**6500 West Cortland St.**  
**Chicago, IL 60707**  
**Attn: Accessories Dept.**

To order online,  
please visit our website at:  
**[www.cobra.com](http://www.cobra.com)**  
and click "shop Cobra®"

Please print clearly

Name \_\_\_\_\_

Address (No P.O. Box) \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Zip \_\_\_\_\_

Telephone (\_\_\_\_\_) \_\_\_\_\_

Credit Card No. \_\_\_\_\_ Exp. Date \_\_\_\_\_

Circle One: Visa MasterCard Discover

Customer Signature \_\_\_\_\_

Allow 2-3 weeks for delivery. Offer valid in Continental U.S. only.



**The Cobra® line of quality products includes:**

CB radios

microTALK® radios

Radar/Laser Detectors

Safety Alert®  
Traffic Warning Systems

Accessories

HighGear™ Accessories

For more information or  
to order any of our products,  
please visit our website:

**[www.cobra.com](http://www.cobra.com)**

Click "shop Cobra®"

**Nothing comes close to a Cobra™**