

Installing and Using Your
Cobra®
6 BAND™
 DETECTION SYSTEM
 Model ESD™-6200

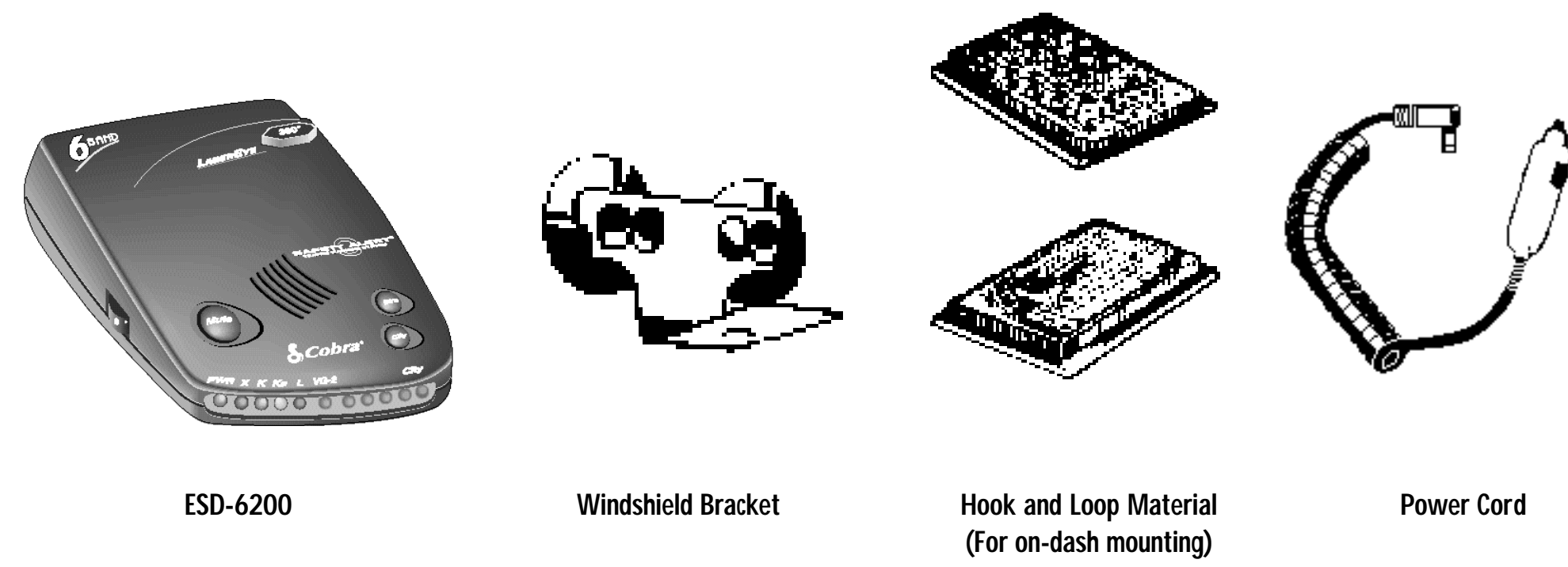


U.S. Patent No. 5,497,148

Cobra®
 Cobra Electronics Corporation
 6500 West Cortland Street,
 Chicago, Illinois 60707

1. What You'll Need To Install The ESD-6200:

NOTE: Detailed instructions on opposite side



2. Installing The ESD-6200:



NEED HELP?

Customer Assistance

If you have any questions about operating or installing your new Cobra product, or if you are missing parts...

Please Call Cobra First!

DO NOT RETURN THIS PRODUCT TO THE STORE

Call our Automated Help Desk at (773) 889-3087

24 hours a day, 7 days a week

A Consumer Service Representative can be reached through this same number

8:00 a.m. - 8:00 p.m.,

CST Monday through Friday (Except holidays)

Technical assistance is also available on-line in the Frequently Asked Questions (FAQ) section

at www.cobraelec.com or by e-mail to productinfo@cobraelec.com

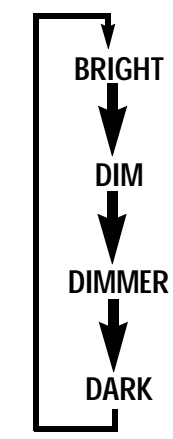
3. Operating The ESD-6200:

A. Turn On and Adjust Volume



LEDs are briefly illuminated at Power ON

B. Set Display Brightness



C. Set City/Highway Mode



D. Multi-



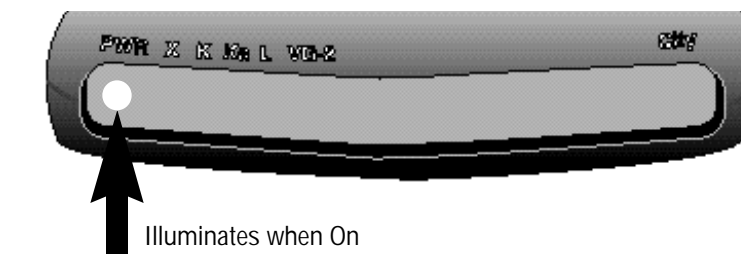
E. LaserEye



360° Laser Detection

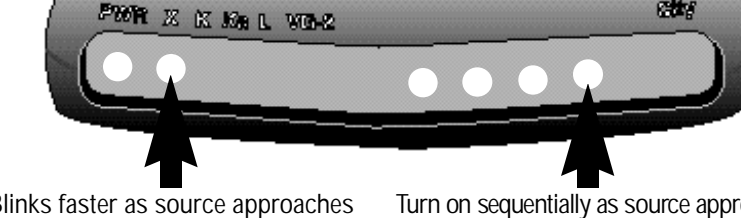
F. Indicators and Visual Alerts

Power



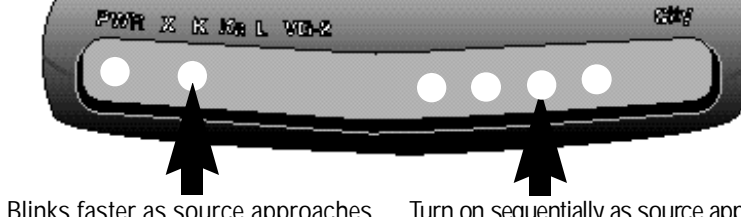
Illuminates when On

X Band Radar



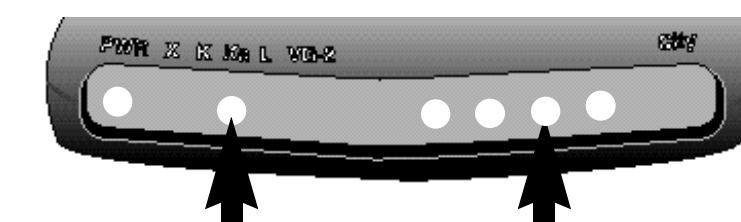
Blinks faster as source approaches Turn on sequentially as source approaches

K Band Radar



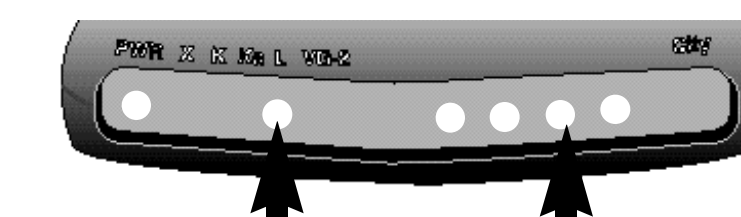
Blinks faster as source approaches Turn on sequentially as source approaches

Ka Band Radar



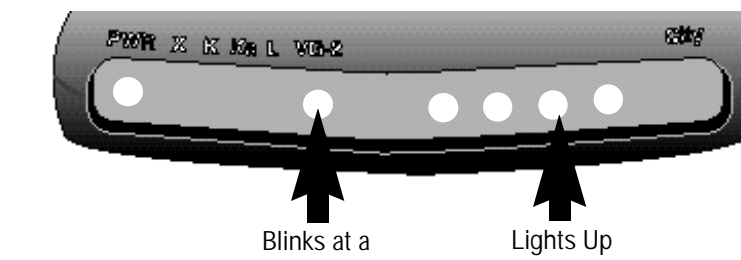
Blinks faster as source approaches Turn on sequentially as source approaches

Laser



Blinks at a steady rate Lights Up

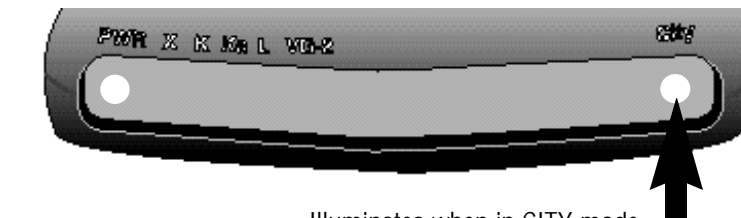
VG-2



Blinks at a steady rate Lights Up

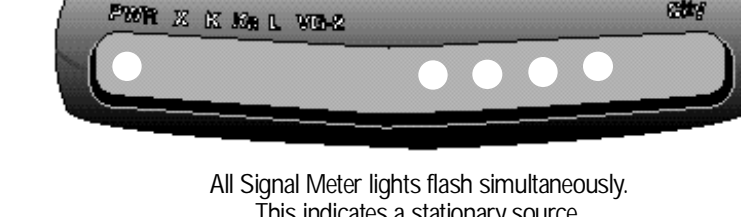
Safety Alert® Warnings

City/Highway Mode



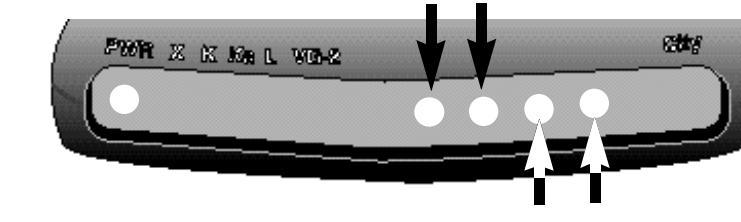
Illuminates when in CITY mode

Road Hazard



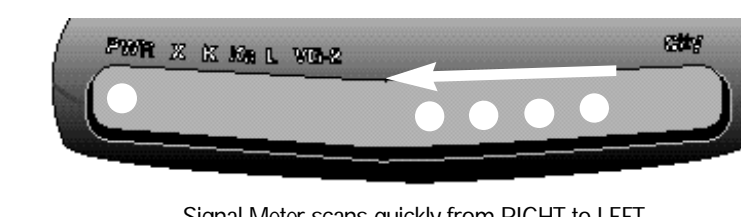
All Signal Meter lights flash simultaneously. This indicates a stationary source.

Train



Left two Signal Meter lights alternate with right two Signal Meter lights. (Similar to a railroad crossing signal).

Emergency Vehicle



Signal Meter scans quickly from RIGHT to LEFT. This indicates a moving source.

I. Introduction

You have just purchased the most sophisticated RADAR/LASER DETECTOR available today. This booklet contains instructions and information designed so that you will be able to understand how the Cobra ESD-6200 works and how radar and (LIDAR) laser are used. Enjoy your Cobra ESD-6200 Radar/Laser Detector and DRIVE SAFELY.

Federal Law Governing Use of Radar Detectors

It is not against Federal Law to receive radar transmissions on your COBRA Radar Detector. The Communications Act of 1934 guarantees your right to receive radio transmissions on any frequency. Local laws that contravene the Communications Act of 1934, while illegal, may be enforced by your local law enforcement officials until and unless they are prohibited from doing so by Federal Court action.

WARNING: Before leaving your car, make sure that you disconnect your radar detector. This will reduce the possibility of break-in and theft of your unit.



Use of this product is not intended to, and does not, ensure that the motorist and any passenger will not be involved in a traffic accident. It is only intended to alert the motorist that an emergency or service vehicle equipped with a CODE 3 or Cobra Safety Alert Transmitter is in the area as defined by the range of the product. Motorists are expected to exercise all due caution while using this product, and to observe and follow all applicable traffic laws. Operators of emergency or service vehicles are also expected to exercise all due caution while using this product, and to observe and follow all applicable traffic laws.

IV. Detection Alert

A. Radar/VG-2/Laser Alerts

Table with 2 columns: Type of Audible Signal and Interpretation and Response. Rows include: Your COBRAESD-6200 starts to signal slowly, then increases in rate very rapidly; Your COBRAESD-6200 signals very fast signal rate instantly; Slow signal rate as you approach hill or bridge; Very fast signal rate as you reach hill or bridge; Short-term, weak signaling; series of such signals; Laser 'chirps.'

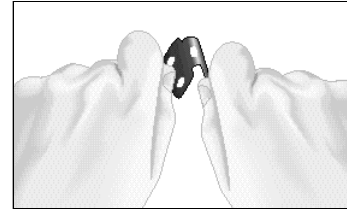
B. Facts About the Safety Alert Traffic Warning System

FCC-approved Safety Alert Transmitters emit microwave radar signals to indicate the presence of a safety-related concern. Depending on the frequency of these signals, as set on the transmitter, the outgoing signal can indicate whether the transmitter is on a speeding emergency vehicle or train, or at a stationary road hazard location. These microwave signals are located in the K-band and as a result, any radar detector which detects K-band radar will detect these Safety signals as standard K-band radar alerts. However, unlike a standard radar detector, your Cobra ESD-6200 is designed to differentiate between a standard K-band alert and a Safety Alert. Since Safety technology is relatively new and the number of transmitters in operation is not yet widespread, you may not receive Safety alerts on a daily basis and should not be surprised to encounter some emergency vehicles, road hazards and trains that are not yet equipped with these transmitters and therefore fail to provide a signal. As Safety transmitters become more prevalent the number of operating transmitters is growing every day, these Safety Warnings will become more common.

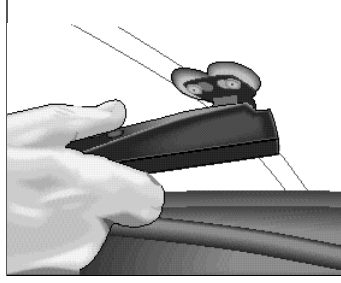
II. Installation

A. Location Selecting the proper location to mount the Cobra ESD-6200 is very important for optimum performance. Both radar and laser transmissions pass through glass but not through other objects. For this reason the Cobra ESD-6200 lens must not be blocked, and it should have a view of the rear window to take advantage of LaserEye 360° detection. It is best to locate your detector in the middle of the front windshield.

- 1. Windshield wiper blades. Mount your Cobra ESD-6200 so that it will NOT be behind the blades when they are at rest.
2. Mirrored sun screens. It is recommended that sun screens be removed, or they may impair the performance of your Cobra ESD-6200 by acting as an impenetrable barrier to radar/laser signals.
3. Regular tinted glass does not affect radar reception, although the darker tint at the top of the tinted windshield prevents laser light from penetrating.
4. Heated windshields, currently available as an option for some Ford (Instaclear) and GM (Electriclear) vehicles act as an impenetrable barrier to radar signals.
B. Mounting
1. Windshield Mounting
The WINDSHIELD MOUNTING BRACKET offers convenient mounting to windshields and provides for easy movement of detector between vehicles.
Note: Some new vehicles have a soft plastic coating on the inside surface of the windshield. Suction cups can permanently mark this "anti-lacerative" coating.
C. Radar Frequencies
There are now three frequencies that have been approved by the FCC (Federal Communications Commission) for use in speed monitoring equipment.



- c. Mounting on Windshield To install the Cobra ESD-6200 onto the windshield, simply press it firmly on to the glass. Sometimes the suction cups adhere better if they are slightly moistened. In cold weather, you may need to warm the suction cups before application.
d. Adjustment If necessary to achieve correct angle, remove the detector from the bracket and the bracket from the windshield.
e. Removal To remove the Cobra ESD-6200 from your windshield, release each suction cup by lifting one edge with your finger, or by pulling on tab.



- 2. Dashboard Mounting Mounting your ESD-6200 to the dashboard of your vehicle requires a clear, level unobstructed view of the road for the detector, without blocking the driver's vision.
Note: With this hook and loop material dashboard mounting, it's easy for you to remove and reinstall your Cobra ESD-6200 detector at any time.
Remember: Without means to adjust the angle of the detector (when mounted as above), be sure that your Cobra ESD-6200 has a level, clear view of the road before you attach the hook and loop material.

V. Maintenance

Your COBRAESD-6200 RADAR/LASER DETECTOR will give you years of trouble-free service with minimum maintenance. Replacing Power Cord Fuse Unscrew cap of cigarette lighter adapter and remove fuse. Troubleshooting If your COBRALASER DETECTOR ESD-6200 isn't operating, we suggest you make the following checks:

- 1. Is the power cord properly connected?
2. Is the fuse OK?
3. Is the cigarette lighter socket clean and free from corrosion?

Limited One Year Warranty

COBRA ELECTRONICS CORPORATION warrants that its COBRARadar detectors, and the component parts thereof, will be free of defects in workmanship and materials for a period of one (1) year from the date of first consumer purchase. Exclusions: This limited warranty does not apply to: 1) 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. COBRA will, without charge, repair or replace, at its option, defective radar detectors, products or component parts upon delivery to the COBRAFactory Service Department, accompanied by proof of the date of first consumer purchase, such as a duplicated copy of a sales receipt.

III. Operation

- A. Band Detection This detector is designed to detect X, K, Superwide Ka Band Radar, Laser, VG-2, and Safety Alert signals.
B. Signal Strength Meter The Signal Strength Meter on your detector indicates relative range.
C. Audible Alarm Indicator A different alert tone will sound for X, K, Ka, Laser, VG-2, and Safety signals.

Table with 2 columns: Audible Alarm Indicator and Voice Alert Message. Rows show 'Be Careful...' with X, K, K, Ka, Laser, VG-2 alerts and 'Be Careful...' with Safety Alert warnings.

- The message "Be Careful..." and the Voice Alert Message will sound at the start of the alert.
D. Instant-on Detection The Cobra ESD-6200 is also designed to detect Instant-on speed monitoring signals.
E. Power/Volume Control Plug the Cobra ESD-6200 power adapter cord into POWER connector.
F. VG-2 Undetectable Some states or municipalities use devices referred to as "VG-2".

The Highway/City function is controlled by a 2-step momentary button. The Highway mode is automatically engaged when the unit is powered up. To engage City Mode, press down on the Highway/City button. A green LED will light to indicate that the detector is in City Mode.

- H. Mute/AutoMute Button The mute function is controlled by a momentary button. Pressing MUTE will eliminate the audio during the alert.
I. City/Highway The Highway/City function is controlled by a 2-step momentary button.
J. Dim/Dark Button You may select from four levels of brightness for your Cobra ESD-6200 display: Bright, Dim, Dimmer, and Dark.

COBRA RADAR DETECTOR ACCESSORIES

Table with 4 columns: Description, Part No., Cost Ea., X Qty. = Amount. Rows include STRAIGHT DC POWER CORD, CURLLED TYPE POWER CORD, and WINDSHIELD MOUNTING BRACKET.

Amount Shipping/handling Total* Make check or money order (no stamps) payable to Cobra Electronics and mail with this order form to: Cobra Accessories Dept. 6500 W. Cortland St., Chicago, IL 60707

Please print clearly: Name Address (Not P. O. Box) City State Zip Telephone No. Credit Card No. Exp. Date Customer Signature