How to Use Your Cobra 29 LTD DE LE

| Features | |
|---|------------|
| The CB Story | A1 |
| FCC Regulations | |
| FCC Warnings | |
| Included Accessories | |
| Controls & Indicators | |
| Our Thanks to You | A3 |
| Customer Support | |
| Installation | |
| Location | |
| Mounting and Connection | 2 |
| Antennas | |
| CB Antenna | |
| Marine Installation | |
| Ignition Noise Interference | 7 |
| Operating Your 29 LTD DE LE | |
| Turning On Your CB | 8 |
| Setting Channel Selector | 9 |
| Calibrate For SWR (Standing Wave Ratio) | |
| To Receive | 13 |
| Selecting a Channel | |
| S-Meter | |
| NB-ANL/ANL/Off (Noise Blanker/Automatic | 15 |
| Noise Limiter Switch) | |
| Bright/Dim Switch | 16 |
| RF Gain Control | |
| Setting Delta-Tune | |
| Setting Squelch | |
| To Transmit | 20 |
| Setting Dynamike | |
| Transmit | |
| RF Meter | |
| External Speaker | |
| PA (Public Address) | |
| Home And Office Set-Up | 26 |
| Temporary Mobile Set-Up | 27 |
| How Your CB Can Serve You | |
| A Few Rules You Should Know | |
| Channel 9 Emergency Messages | |
| CB 10 Codes | |
| Frequency Ranges | 32 |
| 29 LTD DE LE Specifications | 33 |
| Warranty Information | 34 |
| Optional Accessories | 35-36 |
| Order Form | 37 |
| If You Think You Need Service | Back Cover |

Features of This Product

- 40 CB Radio Channels
- Heavy-Duty Dynamic Microphone
- Full 4 Watts AM RF Power Output
- SWR Calibration Meter
- Instant Channel 9
- 4-Pin Front Mount Microphone Connector
- · Delta-Tune
- Switchable Automatic Noise Limiter & Noise Blanker
- · Adjustable Dynamike Boost
- · 9 Ft. Mic Cord
- RF Gain

Location

Location

Plan location of transceiver and microphone bracket before starting the installation.

Select a location that is convenient for operation, yet does not interfere with the driver or passenger.

The transceiver is usually mounted to the underside of the dash with the microphone bracket beside it.

Mounting and Connection

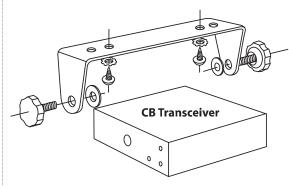
Note

The transceiver is held in the universal mounting bracket by two thumbscrews which allow for adjustment at a convenient angle.

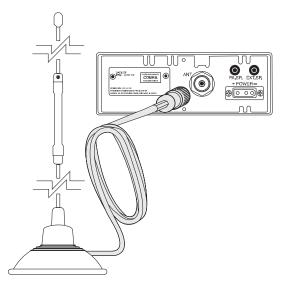
The bracket includes two self-tapping screws and star washers. The mounting must be mechanically strong, conveniently located.

Mounting and Connection

• Hold the radio with the mounting bracket in the exact desired location. If there is no interference, remove the bracket and use it as a template to mark the location for the mounting screws.



2 Drill the holes and secure the bracket.



3 Connect the antenna cable plug to the receptacle marked "ANT" on the back of the unit.

continued

Note

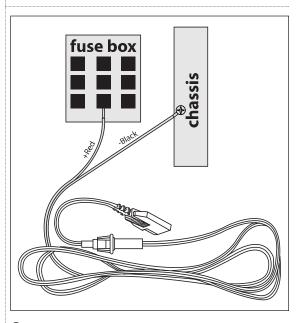
Connecting to an accessory fuse prevents the unit from being left on accidentally, and also permits operating the unit without running the engine.

Note

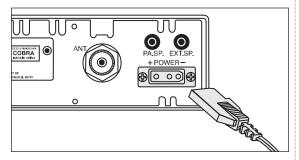
In positive ground vehicles the red wire goes to the chassis and the black wire is connected to the ignition switch.

Note

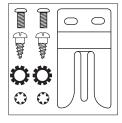
Before installing the CB radio, visually check the vehicle's battery connection to determine which terminal, positive or negative, is grounded (positive is the larger of the two) to the engine block (or chassis). A negatively grounded vehicle has its negative lead grounded to the chassis.

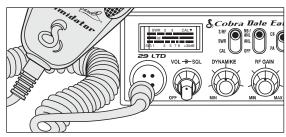


- In a negative grounded vehicle, connect the red lead of the DC power cord to an accessory 12 volt fuse.
- Connect the black lead to the negative side of the vehicle. This is usually the chassis. Any convenient location with a good electrical contact (remove paint) may be used.



- Plug power cable into back of unit marked "Power". Be sure to observe polarity markings.
- Mount the microphone bracket on either side of the unit (driver's left) using two screws supplied. Bracket should be placed under the dash so microphone is readily accessible.





Attach the 4-pin microphone cable to receptacle, on the front of unit and install unit on bracket securely.

Antennas

CB Antenna

Note

For optimum performance in passenger cars the ideal antenna location is on the center of the roof. Second choice is on the center of the trunk.

Note

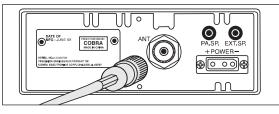
Because many newer trucks feature fiberglass door skins, the outside mirror must be grounded to the chassis via a ground strap when antenna is mounted on the mirror bracket.

Note

3-way Combination
Antennas are also available
which allow operation of all
three bands (AM-FM & CB),
using a single antenna.
However, this type of antenna
usually results in less than
normal transmit and receive
range when compared to a
standard-type "Single Band" CB
antenna. Call 773-889-3087 for
further information.

CB Antenna

Since the maximum allowable power output of the transmitter is limited by the FCC, the antenna is critical in affecting transmission distance. Only a properly matched antenna system will allow maximum power output. Cobra loaded type antenna models are highly recommended for most installations. Consult your Cobra dealer for further details, or call 773.889.3087 and speak to a Cobra representative.



• A standard antenna connector is provided on the transceiver for easy connection.

Marine Installation

The transceiver will not operate at maximum efficiency in a boat without a ground plate, (unless it has a steel hull). Before attempting installation, consult your dealer for information regarding an adequate grounding system and prevention of electrolysis between fittings in the hull and water.

Ignition Noise Interference

Use of a mobile receiver at low signal levels is normally limited by the presence of electrical noise. The primary source of noise in automobiles is from the alternator and ignition system. Typically, when signal level is adequate, the background noise does not present a serious problem. Also, when extremely low level signals are being received, the transceiver may be operated with the vehicle's engine turned off. The unit requires very little current and therefore will not significantly discharge the vehicle's battery.

Even though the Cobra 29 LTD DE LE has an automatic noise limiter, in some installations ignition interference may be high enough to make good communications impossible. Many possibilities exist and variations between vehicles require different solutions. Consult your COBRA dealer or a 2-way radio technician for help in locating the source of a severe noise.

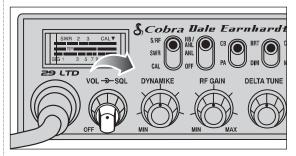
Turning On

Turning On

Make sure the power cord, antenna and microphone are connected to their proper connectors before starting.



1 The **9** CB/PA button should be in the CB position.



2 Rotate the On/Off Volume knob @ clockwise to a normal listening level.

Setting Channel Selector



Select one of forty channels and adjust volume. The selected channel is indicated by the LED readout directly above the channel selector knob

Setting Channel Selector

Calibrate For SWR (Standing Wave Ratio)

Note

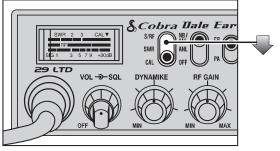
Antenna Indicator LED will illuminate when TX if SWR is high.

Calibrate for SWR (Standing Wave Ratio)

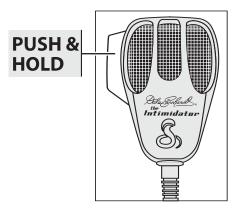
SWR calibration is done to properly adjust the length of the antenna and to monitor the quality of the coaxial cable and all RF connections. This calibration is critical in order to achieve optimum performance.



1 Select Channel 20.



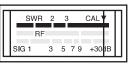
2 Switch to the CAL position.



Push and hold mic button.



While holding mic button adjust the O SWR CAL knob so the meter needle swings to the CAL ▼ mark on



the meter (located on the right).

continued

Note

Calibration must be made in an open area (never in a garage). Vehicle doors must be closed. No one should be standing near the antenna. (See your antenna directions for more complete information).

Note

The reading will be slightly higher on Channels 1 and 40 compared to Channel 20.

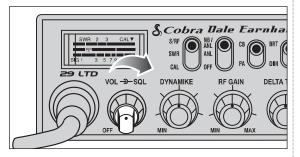
Note

When switched to SWR position the meter needle should ideally be as far to the left as possible. Anything over 3 is not acceptable. The antenna indicator will light. A slight antenna height adjustment (higher or lower) may be required. Repeat relcalibration steps.



- While still holding down the mic button, set the S/RF SWR CAL switch to the SWR position, to read the SWR reading.
- Repeat the same steps two through five on Channel 1 and 40. This will check SWR for all channels.

To Receive



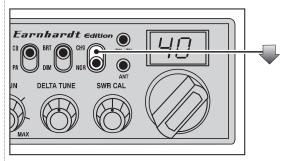
Rotate the On/Off Volume knob clockwise the green RX/TX LED will be illuminated.

To Receive

Selecting A Channel

S-Meter

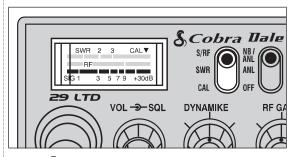
Selecting A Channel



1 Switch to NOR to select desired channel.

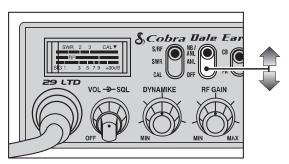
S-Meter

Swings proportionately to strength of incoming signal when receiving.



1 The S/FR-SWR-CAL switch must be in the S/RF position to read the meter.

NB-ANL/ANL/OFF (Noise Blanker/Automatic Noise Limiter) Switch



• When switched to • ANL the Automatic Noise Limiter is activated. This helps reduce noise created by the vehicle's electronics.

When *switched* to NB/ANL position the RF Noise Blanker is also activated, providing increased noise filtration.

When *switched* to OFF position all noise filtration will be turned off.

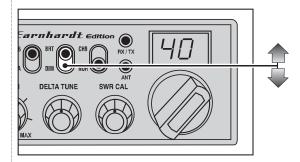
NB-ANL/ANL/ OFF (Noise Blanker/ Automatic Noise Limiter) Switch

Note

The RF noise blanker is very effective in reducing repetitive noises such as ignition interference.

Bright/Dim Switch

Bright/Dim Switch



1 Switch to BRT or DIM to control brightness of the channel indicator and multi-function meter for day or nighttime driving.

RF Gain Control

The RF Gain is used to optimize reception in strong or weak signal areas.



• Rotate the © RF Gain knob counterclockwise to reduce gain in strong signal areas. In weak signal areas turn clockwise to increase gain.

RF Gain Control

Note

The RF Gain is used to optimize reception in weak signal areas.

Setting Delta-Tune

Setting Delta-Tune

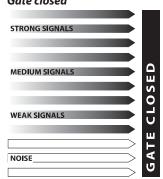
Delta-Tune functions as a "fine tune" control enabling you to capture a more readable signal, as well as eliminate adjacent channel interference.



Rotate Delta-Tune knob to the center position for optimum tuning.

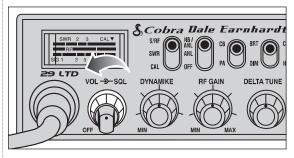
Setting Squelch

Gate closed



Setting Squelch

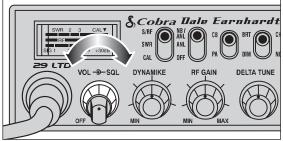
Squelch is the "control gate" for incoming signals.



• Full @ clockwise rotation closes the gate allowing only very strong signals to enter.



2 Full counterclockwise rotation opens the "gate" allowing all signals in.



To achieve the Desired Squelch Setting (DSS), turn the Squelch control ⊚ counterclockwise until you hear noise. Now turn the control clockwise just until the noise stops. This is the DSS setting.



To Transmit



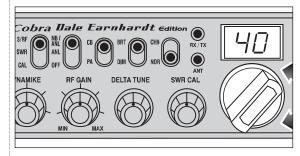
Caution!

Be sure the antenna is properly connected to the radio before transmitting. Prolonged transmitting without an antenna, or a poorly matched antenna, could cause damage to the transmitter.

Be sure to read the F.C.C. Rules and Regulations included with this unit before transmitting.

Setting Dynamike

To Transmit



1 Select desired channel.

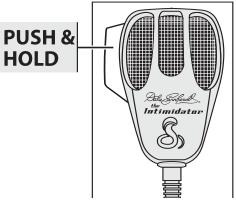
Setting Dynamike

This controls the microphone sensitivity (outgoing audio level).



• Initially, set fully © clockwise so that maximum voice volume is available. Dynamike may have to be reduced in some conditions.

Transmit



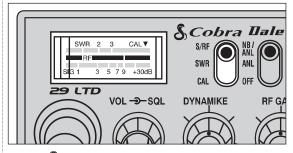
1 Push and hold mic button to transmit. Transmitter is now activated. When transmitting, hold the microphone two inches from your mouth and speak in a clear, normal voice. Release to receive.

Transmit

RF Meter

RF Meter

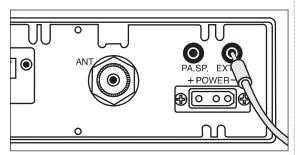
This meter swings proportionately to the RF output (outgoing signal) while transmitting.



● The S/RF-SWR-CAL switch must be in the S/RF position.

External Speaker

The external speaker jack is used for remote receiver monitoring.



• Connect an external speaker to the external speaker jack on the rear panel.

External Speaker

Note

The external speaker should have 8-ohm impedance and be rated to handle at least 4.0 watts. When the external speaker is plugged in, the internal speaker is automatically disconnected.

Note

Cobra external speakers are rated at 10 watts.

PA (Public Address)

Note

Speaker should have 8-ohm impedance and be rated to handle at least 4.0 watts.

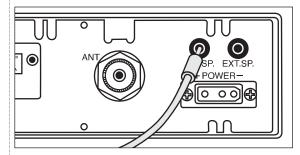
Note

The speaker should be directed away from the microphone to prevent acoustic feedback.

Note

Activity on the CB channel will be heard through the PA speaker. Adjust volume control to a normal listening level.

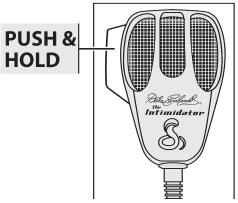
PA (Public Address)



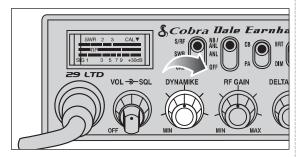
Connect an external PA speaker to the PA jack on the rear panel.



2 Set CB/PA switch to PA position.



3 Push and hold microphone button and speak in a normal voice. Your voice will now transmit on the PA speaker.



• Adjust PA speaker volume with the
 Dynamike control.

Home And Office Set-Up

Base Station Operation (From 120V AC House Current)



Warning!

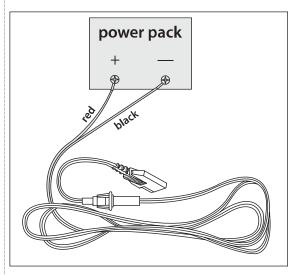
Do not attempt to operate this transceiver by connecting it directly to 120 vac.

Note

For further information call Cobra Customer Service 773.889.3087.

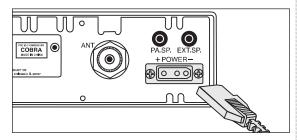
Base Station Operation (From 120V AC House Current)

To operate your transceiver from home or office you will need a 13.8 volt DC Power Pack rated at a minimum of 2 amps, and a properly installed base station antenna.



Simply connect the red (+) and black (-) leads of the transceiver to the corresponding terminals of the power pack.

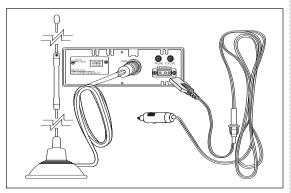
Temporary Mobile Set-Up



- 2 Plug power cable into back of unit marked "Power". Be sure to observe polarity markings.
- Connect properly installed and matched base station antenna.

Temporary Mobile Operation

For temporary mobile operation you may want to purchase an optional automobile power adapter from your COBRA dealer. This adapter and a magnetic mount antenna allow you to quickly "install" your transceiver for temporary use.



Temporary Mobile Set-Up

Warn of traffic problems

- Provide weather and road data
- Provide help in event of an emergency
- Provide direct contact with home or office
- Assist police by reporting erratic drivers
- Get "local information" to find destination
- Communicate with family and friends
- Suggest spots to eat and sleep
- Vacanta da est cubila travalia a
- Keep you alert while traveling

A Few Rules You Should Know

- A. Conversations cannot last more than 5 minutes with another station. A one minute break is required to let others use the channel.
- B. You cannot blast others off the air by use of illegally amplified transmitters or illegally high antennas.
- C. You cannot use CB to promote illegal activities.
- D. Profanity is not allowed.
- E. You may not transmit music with a CB.
- F. Selling of merchandise and/or services is prohibited.

Channel 9 Emergency Messages

A Few Rules

You Should

Know

Note

If no response on channel 9, try channels 19 or 14.

1. Set to channel 9 for emergenciesBe sure antenna is properly connected.

2. CB Distress Data

When transmitting an emergency, you should request a "REACT BASE" and provide the CB distress data (called **CLIP**):

C all Sign *Identify yourself*.

L ocation *Be exact*.

I njuries Number. Type. Trapped?

P roblem Give details and help needed.

Transmit **CLIP** repeatedly so any monitor can assist.

The FCC gives these examples of permitted and prohibited messages for channel 9. These are only guidelines and not all-inclusive:

| Permitted | Example Message |
|-----------|--|
| Yes | "Tornado sighted six miles north of town." |
| No | "Post number 10. No tornado sighted." |
| Yes | "Out of gas on I-95 at mile marker 211." |
| No | "Out of gas in my driveway." |
| Yes | "Four car accident on I-94 at Exit 11. Send police and ambulance." |
| No | "Traffic moving smoothly on I-94." |
| Yes | "Weather Bureau has issued thunderstorm warning. Bring sailboat into port." |
| No | "Attention motorists. Weather Bureau advises snow tomorrow will accumulate 4 to 6 inches." |
| Yes | "Fire in building at 539 Main, Evanston." |
| No | "Halloween patrol number 3. All quiet." |

CB 10-Codes

CB 10-Codes

Citizen Bands have adopted the "10-CODES" for standard questions and answers. These codes provide quick and easy communication, especially in noisy areas. Following are some of the more common codes and meanings:

| Code | Meaning |
|-------|------------------------------------|
| 10-1 | Receiving poorly |
| 10-2 | Receiving well |
| 10-3 | Stop transmitting |
| 10-4 | OK, message received |
| 10-5 | Relay message |
| 10-6 | Busy, stand by |
| 10-7 | Out of service, leaving |
| 10-8 | In service, subject to call |
| 10-9 | Repeat message |
| 10-10 | Transmission completed standing by |
| 10-11 | Talking too rapidly |
| 10-12 | Visitors present |
| 10-13 | Advise weather/roads |
| 10-16 | Make pick up at |
| 10-17 | Urgent business |
| 10-18 | Anything for us? |
| 10-19 | Return to base |
| 10-20 | My location is |
| 10-21 | Call by phone |
| 10-22 | Report in person to |
| 10-23 | Stand by |
| 10-24 | Completed last assignment |
| 10-25 | Can you contact |
| 10-26 | Disregard last info |
| 10-27 | Moving to channel |
| 10-28 | Identify your station |

| Code | Meaning |
|--------|---------------------------------------|
| 10-29 | Time is up for contact |
| 10-30 | Does not conform to FCC rules |
| 10-33 | Emergency traffic |
| 10-34 | Trouble at this station |
| 10-35 | Confidential information |
| 10-36 | Correct time is |
| 10-37 | Wrecker needed at |
| 10-38 | Ambulance needed |
| 10-39 | Message delivered |
| 10-41 | Turn to channel |
| 10-42 | Traffic accident at |
| 10-43 | Traffic tie up at |
| 10-44 | Have a message for |
| 10-45 | All units within range please report |
| 10-50 | Break channel |
| 10-60 | What is next message number? |
| 10-62 | Unable to copy. Use phone |
| 10-63 | Net directed to |
| 10-64 | Net clear |
| 10-65 | Awaiting your next message/assignment |
| 10-67 | All units comply |
| 10-70 | Fire at |
| 10-71 | Proceed, transmission in sequence |
| 10-77 | Negative contact |
| 10-81 | Reserve hotel room for |
| 10-82 | Reserve room for |
| 10-85 | My address is |
| 10-91 | Talk closer to mic |
| 10-93 | Check my frequency on this channel |
| 10-94 | Give me a long count |
| 10-99 | Mission completed, all units secure |
| 10-200 | Police needed at |

Code Meaning

Frequency Ranges

The COBRA 29 LTD DE LE transceiver represents one of the most advanced AM two-way radios used as a Class D station in the Citizens Radio Service. This unit features advanced Phase Lock Loop (PLL) circuitry providing complete coverage of all 40 CB channels.

| CB Channel | Channel Freq. In MHz | CB Channel | Channel Freq. In MHz |
|---------------|----------------------------|---------------|----------------------------|
| 1 | 26.965 | 21 | 27.215 |
| 2 | 26.975 | 22 | 27.225 |
| 3 | 26.985 | 23 | 27.255 |
| 4 | 27.005 | 24 | 27.235 |
| 5 | 27.015 | 25 | 27.245 |
| 6 | 27.025 | 26 | 27.265 |
| 7 | 27.035 | 27 | 27.275 |
| 8 | 27.055 | 28 | 27.285 |
| 9 | 27.065 | 29 | 27.295 |
| 10 | 27.075 | 30 | 27.305 |
| 11 | 27.085 | 31 | 27.315 |
| 12 | 27.105 | 32 | 27.325 |
| 13 | 27.115 | 33 | 27.335 |
| 14 | 27.125 | 34 | 27.345 |
| 15 | 27.135 | 35 | 27.355 |
| 16 | 27.155 | 36 | 27.365 |
| 17 | 27.165 | 37 | 27.375 |
| 18 | 27.175 | 38 | 27.385 |
| 19 | 27.185 | 39 | 27.395 |
| 20 | 27.205 | 40 | 27.405 |

29 LTD DE LE Specifications

| GENERAL | |
|---------------------------------|---|
| Channels | CR - 40 CH |
| Frequency Range | |
| Frequency Tolerance | |
| Frequency Control | |
| Operating Temperature Range | |
| Microphone | |
| | . 13.8VDC nom. (positive or negative ground) |
| | . Transmit: AM full mod., 1.5A (maximum) |
| | Receive: Squelched, 0.3A; |
| | full audio output, 1.2A (nominal) |
| Size | .8-5/8"D x 7-9/32"W x 2-13/64"H |
| Weight | |
| Antenna Connector | .UHF; SO-239 |
| Meter | .Illuminated; indicates relative power output, |
| | received signal strength and VSWR |
| | |
| TRANSMITTER | |
| Power Output | |
| Modulation | |
| Frequency Response | |
| Output Impedance | |
| RECEIVER | |
| Sensitivity | Less than 1 µV for 10 dB (S+N) /N |
| Selectivity | |
| Image Rejection | |
| Adjacent-Channel Rejection | |
| | .Double Conversion: 1st: 10.695 MHz |
| | 2nd: 455 KHz |
| Automatic Gain Control (AGC) | Less than 10 dB change in audio output for |
| | inputs from 10 to 50,000 microvolts |
| RF Gain Control | . Adjustable for optimum signal reception |
| Noise Blanker | |
| Squelch | .Adjustable; threshold less than 1µV |
| Audio Output Power | .4 watts |
| Frequency Response | .300 to 3000 Hz |
| Distortion | .Less than 5% @3 watts @ 1000 Hz |
| Built-in Speaker | .8 ohms, 5w |
| External Speaker (Not supplied) | 8 ohms; disables internal speaker |
| | when connected |
| PA SYSTEM | |
| | 4tts lists automal servalue |
| Power Output | |
| | |
| External Speaker for PA | |
| | .The PA speaker also monitors the receiver; separate jack provided |

 $(\mathsf{SPECIFICATIONS}\ \mathsf{SUBJECT}\ \mathsf{TO}\ \mathsf{CHANGE}\ \mathsf{WITHOUT}\ \mathsf{NOTICE})$

WARNING: This product contains lead, a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.. **Wash hands after handling.**

Limited One Year Warranty



Cobra Electronics Corporation

6500 West Cortland Street Chicago, Illinois 60707 USA

www.cobra.com

COBRA ELECTRONICS CORPORATION warrants that its COBRA CB Radios, and the component parts thereof, will be free of defects in workmanship and materials for period of one (1) years 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 CB radios, 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 legal 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.

Optional Accessories

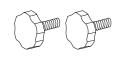


Replacement DC Power CordFor in vehicle use
426-002-N-001 \$7.50



Replacement Mounting Bracket

For in vehicle use 251-353-9-001 \$4.50



Replacement Thumb Screws

For in vehicle use 634-081-9-001 \$0.60



Replacement Microphone Bracket

For in vehicle use 741-080-9-001 \$0.45



21" Base Loaded Magnet Mount Antenna

HG A1000 \$28.95



38" Base Loaded Magnet Mount Antenna

HG A1500

\$28.95



54" Base Loaded Magnet Mount Antenna

HG A2000 \$28.95



4 Pin Premium Noise-Cancelling Microphone

HG M84 \$74.95



4 Pin Premium Noise-Cancelling Microphone Wood Grain

HG M84W \$74.95

Optional Accessories



5 Pin Premium Noise-Cancelling Microphone

HG M85



4 Pin Replacement Dynamic Microphone

HG M73



Power Microphone

HG M75

\$25.95



4 Pin Noise Canceling Microphone

HG M77

\$30.95

\$74.95



Dynamic External Speaker

HG S100

\$21.95

\$19.95



Noise Canceling External Speaker

HG S300

\$28.95



Noise Canceling With Talk Back External Speaker

HG S500

\$32.95

You Can Find These Fine Accessories At Your Local Cobra CB Dealer

If you wish, you can order directly from Cobra.

Order by phone

Call 773.889.3087

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

Order by mail or fax

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



Cobra Electronics Corporation 6500 West Cortland Street Chicago, IL 60707 USA

If You Think You Need Service

For technical assistance, please call our Automated Help Desk which can assist you by answering the most frequently asked questions about Cobra products.

(773) 889-3087

24 hours a day, 7 days a week.

A Consumer Service Representative can be reached at 773.889.3087 8:00 am - 6:00 pm, Monday through Friday, CST.

Technical assistance is also available on-line in the Frequently Asked Questions (FAQ) section at www.cobra.com or by e-mail to productinfo@cobra.com

If you think you need service call 773.889.3087

"If your product should require factory service please call Cobra first before sending your unit in. This will ensure the fastest turn-around time on your repair."

You may be asked to send your unit to the Cobra factory. It will be necessary to furnish the following in order to have the product serviced and returned.

- For Warranty Repair include some form of proof-of-purchase, such as a mechanical reproduction or carbon or a sales receipt. If you send the original receipt it cannot be returned.
- 2. Send the entire product.
- 3. Enclose a description of what is happening with the unit. Include a typed or clearly print name and address of where the unit is to be returned.
- 4. Pack unit securely to prevent damage in transit. If possible, use the original packing material.
- Ship prepaid and insured by way of a traceable carrier such as United Parcel Service (UPS) or First Class Mail: to avoid loss in transit to: Cobra Factory Service, Cobra Electronics Corporation, 6500 West Cortland Street, Chicago, IL 60707 USA.
- 6. If the unit is in warranty, upon receipt of your unit it will either be repaired or exchanged depending on the model. Please allow approximately 3 to 4 weeks before contacting us for status. If the unit is out of warranty a letter will automatically be sent informing you of the repair charge or replacement charge. If you have any questions, please call 773.889.3087 for assistance.

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$\delta_0 Cobra^\circ$ 29 LTD DE LE

Operating Instructions for your Cobra 29 LTD DE LE

Dale Earnhard t Edition

CB Radio



The CB Story

The Citizens Band lies between the shortwave broadcast and 10-meter Amateur radio bands, and was established by law in 1949. The Class D two-way communications service was opened in 1959. (CB also includes a Class A citizens band and Class C remote control frequencies.)

FCC Regulations

FCC regulations permit only "transmissions" (one party to another) rather than "broadcasts" (to a wide audience). Thus, advertising is not allowed on CB Channels because that is "broadcasting."

FCC Warnings

All transmitter adjustments other than those supplied by the manufacturer as front panel operating controls, must be made by, or under the supervision of, the holder of an FCC-issued general Radio-Telephone Operator's License.

Replacement or substitution of transistors, regular diodes or other parts of a unique nature, with parts other than those recommended by Cobra, may cause violation of the technical regulations of Part 95 of the FCC Rules, or violation of Type Acceptance requirements of Part 2 of the Rules.

You should read and understand Part 95 (included with this unit) of the FCC Rules and Regulations, before operating your Cobra radio, even though the FCC no longer requires you to obtain an operator's license.

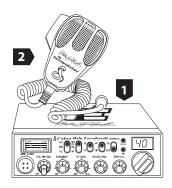
What's Included with Your 29 LTD DE LE

6. DC power cord

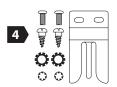
(not shown)

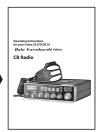
7. FCC rules

- 1. CB transceiver
- 2. Microphone
- 3. Transceiver bracket
- 4. Microphone bracket
- 5. Operating Manual







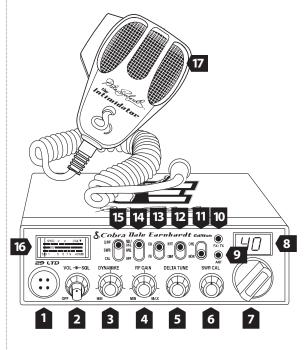


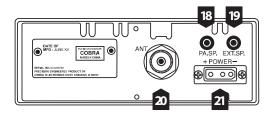
Controls and Indicators

- 1. 4-Pin Microphone Connector
- 2. Power On/Off/Volume/ Squelch Control
- 3. Dynamike
- 4. RF Gain
- 5. Delta-Tune
- 6. SWR CAL
- 7. Channel Selector
- 8. LED Channel Display
- 9. ANT Indicator
- 10. RX (Receive)/TX (Transmit) LED Indicator
- 11. Channel 9/ Normal Switch
- 12. Dimmer Switch
- 13. CB/PA Switch
- 14. NB/ANL ANL Off Switch
- 15. S/RF SWR CAL Switch
- 16. Signal Strength Meter
- 17. Microphone

Back Side

- 18. Public Address Speaker Jack
- 19. External Speaker Jack
- 20. Antenna Connector
- 21. Power Jack





Our Thanks to You

Thank you for purchasing the Cobra 29 LTD DE LE CB Radio. Properly used, this Cobra product will give you many years of reliable service.

Customer Support

Should you encounter any problems with the product or not understand its many features, please refer to this owner's manual. If, after referring to the manual, you still need help, call Cobra Customer Service at 773.889.3087.

Dale Earnhardt. Edition

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Cobra Customer Service

Live operators are available M-F 8:00 am - 6:00 pm CST at: 773.889.3087

Automated Technical Assistance available 24 hours a day, seven days a week. E-mail questions to: productinfo@cobra.com

Cobra on the World Wide Web: Frequently Asked Questions (FAQ) can be found on-line at: www.cobra.com

Accessory Order Form

| Item # | Description | Cost Ea. | Qty. | Amount |
|---------------|---|----------|------|--------|
| 426-002-N-001 | Replacement DC Power Cord | \$7.50 | | |
| 251-353-9-001 | Replacement Mounting Bracket | \$4.50 | | |
| 634-081-9-001 | Replacement Thumb Screws | \$0.60 | | |
| 741-080-9-001 | Replacement Microphone Bracket | \$0.45 | | |
| HG A1000 | 21" Base Loaded, Magnetic Mount Antenna | \$28.95 | | |
| HG A1500 | 38" Base Loaded Magnetic Mount Antenna | \$46.95 | | |
| HG A2000 | 54" Base Loaded Magnetic Mount Antenna | \$99.95 | | |
| HG M84 | 4 Pin Premium Noise-Cancelling Microphone | \$74.95 | | |
| HG M84W | 4 Pin Premium Noise-Cancelling Microphone (Wood Grain) | \$74.95 | | |
| HG M85 | 5 Pin Premium Noise-Cancelling Microphone | \$74.95 | | |
| HG M73 | 4 Pin Replacement Dynamic Microphone | \$19.95 | | |
| HG M77 | 4 Pin Noise-Cancelling Microphone | \$30.95 | | |
| HG M75 | Power Microphone | \$25.95 | | |
| HG S100 | Dynamic External Speaker | \$21.95 | | |
| HG S300 | Noise-Cancelling External Speaker | \$28.95 | | |
| HG S500 | Noise-Cancelling with Talk Back External Speaker | \$32.95 | | |

Prices subject to change without notice.

Tax Table

Illinois residents add 8.75%

Indiana, Ohio & Wisconsin residents add 5%

Michigan residents add 6 %

Shipping/handling

Indiana, Ohio & Wisconsin residents add 5%

payable to:

Total

Cobra Accessories Department

6500 West Cortland Street Chicago, IL 60707 USA

Make check or money order (no stamps)

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.
Please print clearly
Name

Address (No P.O. Box)

City ______

Telephone (____) _____

Credit Card No. _____ Exp. Date _____

Customer Signature _____

Circle One: Visa MasterCard Discover

Allow 2 to 3 weeks for delivery.

Shipping & Handling

| Simpping & Handing | | |
|--------------------|-----------------------|--|
| Amount of Order | Shipping/ Handling | |
| \$25.00 and under | \$4.75 minimum | |
| \$25.01-\$40.00 | \$6.95 | |
| \$40.01-\$80.00 | \$9.25 | |
| \$80.01-\$120.00 | \$10.25 | |
| \$120.01-\$160.00 | \$11.75 | |
| \$160.01 and up | \$14.50 | |

For AK, HI and PR please add an additional \$15.00 for UPS shipments.