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Cobra Electronics Corporation
6500 West Cortland Street
Chicago, IL 60707 USA
www.cobraelec.com

Cobra® UK 29 LTD ST

Operating Instructions for your Cobra UK 29 LTD ST CB Radio

Bedienungsanleitung für Ihr Modell Cobra UK 29 LTD ST CB-Funkgerät

Instructivo de uso de la radio de banda ciudadana (CB) Cobra UK 29 LTD ST

Instructions d'utilisation du poste de radio CB UK 29 LTD ST de Cobra

Istruzioni per l'uso del modello Cobra UK 29 LTD ST Radio CB

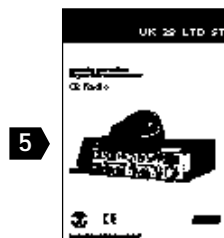
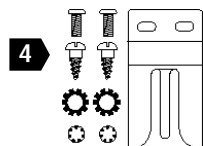
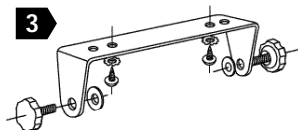
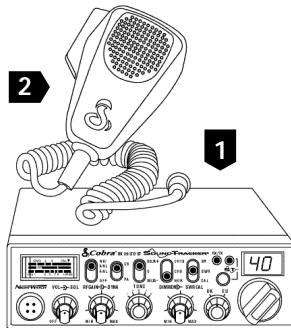


"Ingenious Products for Easier Communication."

The CB Story

What's Included with Your UK 29 LTD ST

1. CB transceiver
2. Microphone
3. Transceiver bracket
4. Microphone bracket
5. Operating Manual
6. DC power cord (not shown)



NOTICE

A licence is required for use in the UK. CB licensing applications can be obtained from The Radio Licensing Centre, P.O. Box 885, Bristol, BS99 5LG, UK or contact your local CB dealer for additional information.

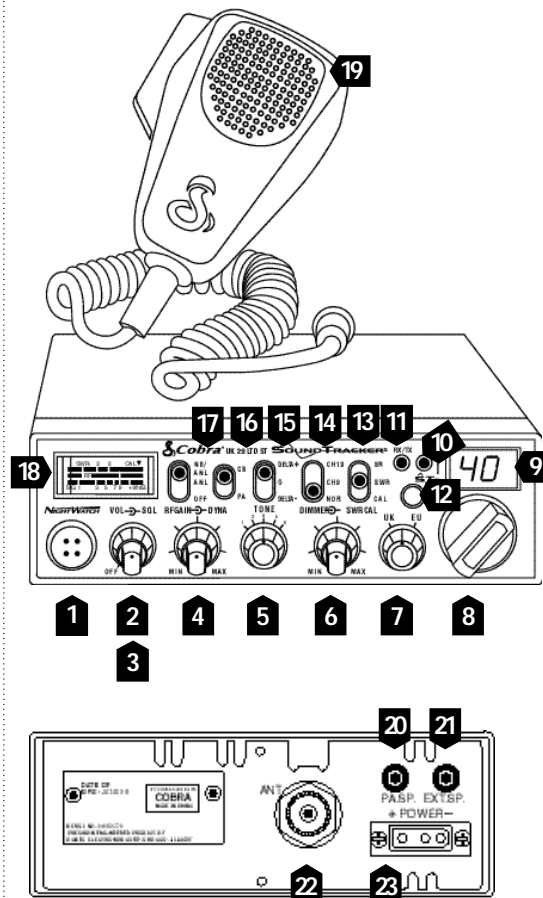
Controls and Indicators

Our Thanks to You

1. 4-Pin Microphone Connector
2. Power On/Off, Volume
3. Squelch
4. RF Gain/ Dynamike
5. Tone
6. Dimmer/SWR CAL
7. Band Selector
8. Channel Selector
9. LED Channel Display
10. Sound Tracker™ LED
11. RX (Receive)/ TX (Transmit) LED Indicator
12. Sound Tracker™ On/Off
13. S/RF SWR CAL Switch
14. Channel 19/Channel 9/ Normal Switch
15. Delta-Tune
16. CB/PA Switch
17. NB/ANL ANL Off Switch
18. Signal Strength Meter
19. Microphone

Rear Panel

20. Public Address Speaker Jack
21. External Speaker Jack
22. Antenna Connector
23. Power Jack



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

SoundTracker™

"Cuts noise coming in...strengthens signals going out."

This Patent-pending technology dramatically improves transmission and reception of CB signals.

The revolutionary SoundTracker™ System reconfigures the transmission signal, allowing it to be transferred more efficiently through cluttered airwaves.

At the same time, it significantly reduces the amount of static on all incoming CB signals.

The end result is cleaner, clearer sounding reception of signals and a more powerful transmission which dramatically improves CB communications.

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

How to Use Your Cobra UK 29 LTD ST

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Features of This Product

- Complies With UK MPT 1382
- 2.75 metre microphone cord
- 40 UK CB Radio Channels,
40 CEPT (EU) Channels
- SoundTracker™ System
- Heavy-Duty Dynamic
Microphone
- Full 4 Watts FM RF Power Output
- SWR Calibration Meter
- Instant Channel 19 and 9
- Front Panel 4-Pin Microphone
Connector
- Delta Control
- Switchable Automatic Noise
Limiter & Noise Blanker
- Tactile Controls
- Illuminated Front Panel
- Dimmer Control



Installation

Installation

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

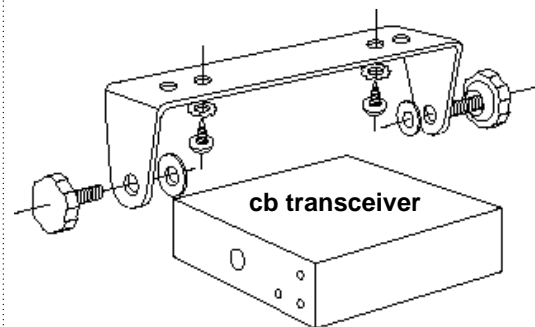
Note

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

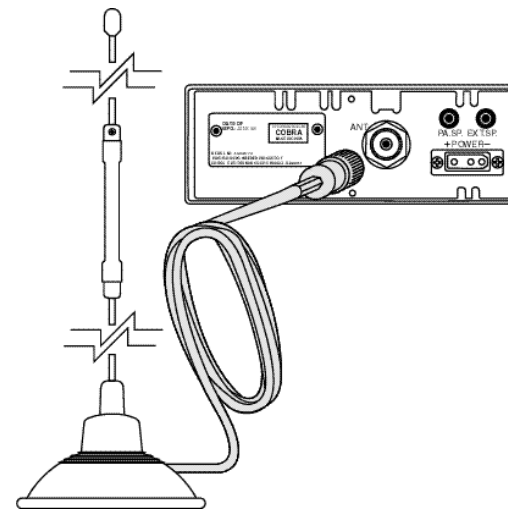
The bracket includes two self-tapping screws and star washers. The mounting must be mechanically strong and conveniently located.

Mounting and Connection

- 1 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

Installation

Note

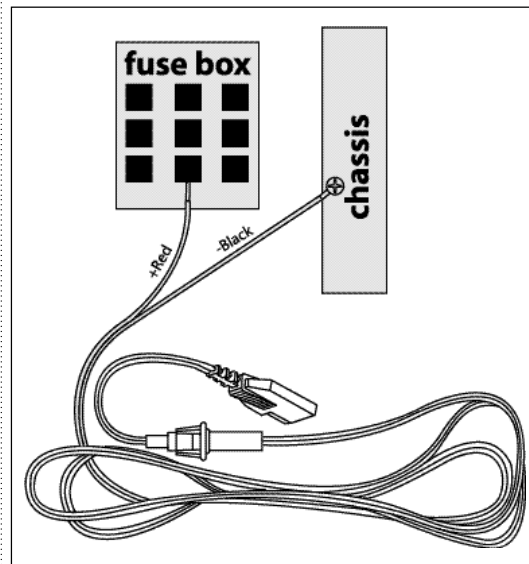
Before installing the CB radio, visually check the vehicle's battery connection to determine which terminal, positive or negative, is earthed to the engine block (or chassis). A negatively earthed vehicle has its negative lead earthed to the chassis.

Note

Connecting to a fuse circuit controlled by the ignition switch prevents the unit from being left on accidentally, and also permits operating the unit without running the engine.

Note

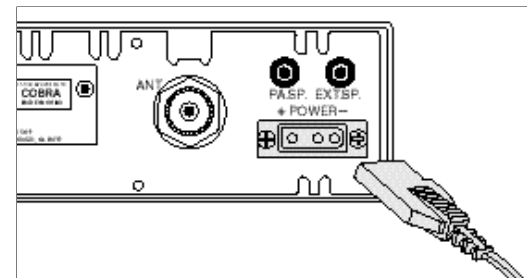
In positive earth vehicles the red wire goes to the chassis and the black wire is connected to the ignition switch.



- 4 In a negative earthed vehicle, connect the red lead of the DC power cord to an accessory 12 volt fuse.
- 5 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.

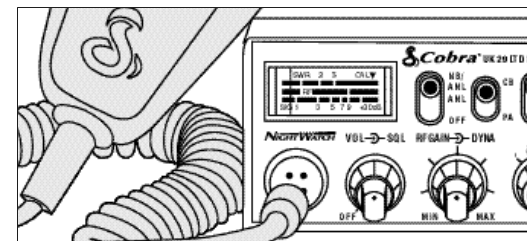
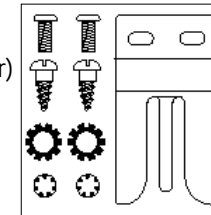
4

Installation



- 6 Plug power cable into back of unit marked "Power". Be sure to observe polarity markings.

- 7 Mount the microphone bracket on right side of the unit (nearer the driver) using two screws supplied. Bracket should be placed under the dash so that microphone is readily accessible.



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

5

Antennas

CB Antenna

Note

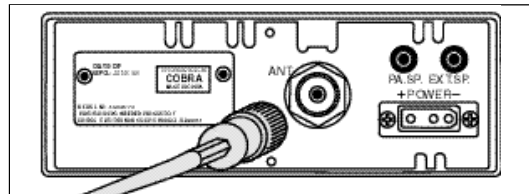
For optimum performance in passenger cars the ideal antenna location is on the centre of the roof. Second choice is on the centre of the boot.

Note

Antenna must be earthed to the chassis of the vehicle.

CB Antenna

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.



- ❶ 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 an earth plate, (unless it has a steel hull). Before attempting installation, consult your dealer for information regarding an adequate earthing 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 cars is from the alternator and the 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.

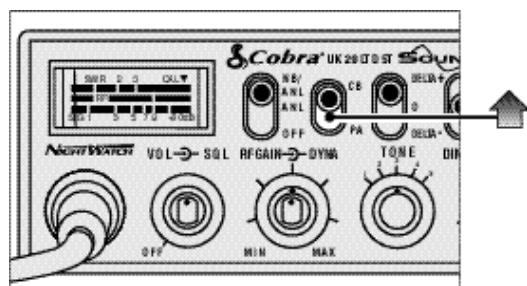
Even though the Cobra UK 29 LTD ST has an automatic noise limiter, in some installations ignition interference may be high enough to make good communications impossible. Many possibilities exist and variations between vehicles require different solutions. Consult your COBRA dealer or a 2-way radio technician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

Operation

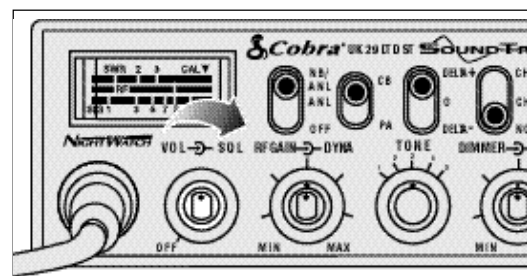
Turning On

Turning On

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



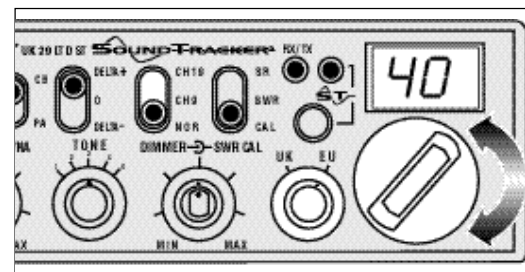
- 1 The CB/PA button should be in the CB position.



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

Operation

Setting Channel Selector



- 1 The CH19/CH9/NOR switch should be in the NOR position
- 2 Select one of forty channels and adjust volume. The selected channel is indicated by the LED readout directly above the channel selector knob.

Setting Band Selector

- 1 Select band Selector: either UK 40 channels FM or EU European 40 channels FM, (CEPT).

Setting Channel Selector

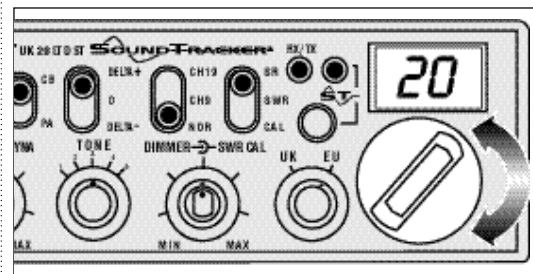
Setting Band Selector

Operation

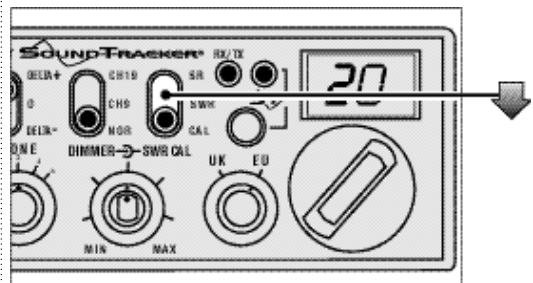
Calibrating For SWR (Standing Wave Ratio)

Calibrating 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.

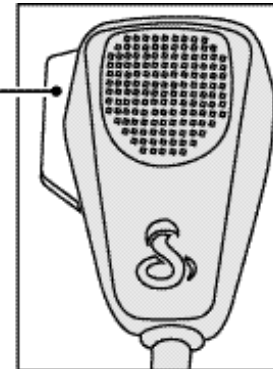


- 1 Select channel 20.

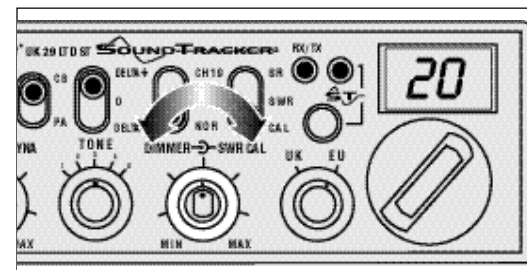


- 2 Switch to the CAL position.

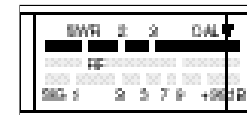
PUSH & HOLD



- 3 Push and hold microphone button.



- 4 While holding microphone button adjust the SWR CAL knob so that the meter needle swings to the CAL mark on the meter (located on the right).



Operation

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.

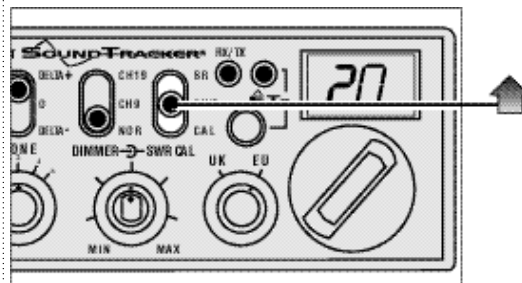
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Operation

Note

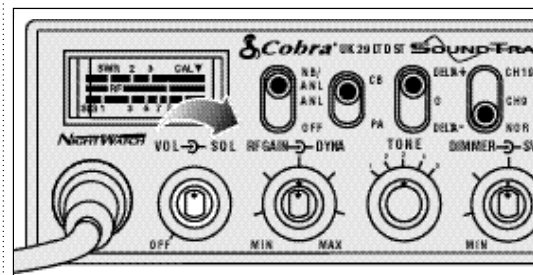
With the S/Rf-SWR-CAL switch in the SWR position the meter needle should ideally be as far to the left as possible. Anything over 3 is not acceptable. A slight antenna height adjustment (higher or lower) may be required. Repeat recalibration steps.

To Receive



- 5 While still holding down the microphone button, set the S/Rf-SWR-CAL switch to the SWR position, to read the SWR reading.
- 6 Repeat the same steps 2 to 5 on Channel 1 and 40. This will check SWR for all channels.

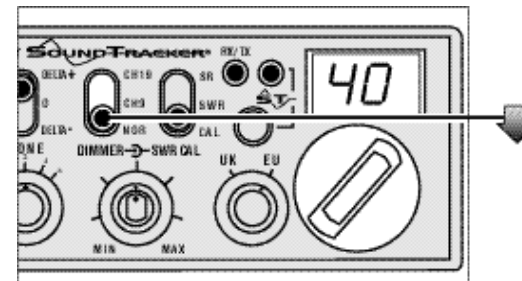
To Receive



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

Operation

Selecting A Channel



- 1 Switch to NOR to select desired channel.

S-Meter

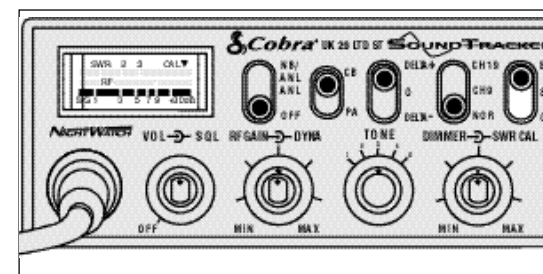
Swings proportionately to strength of incoming signal when receiving.

Selecting A Channel

Note

Switch to 9 or 19 for instant access to these channels.

S-Meter



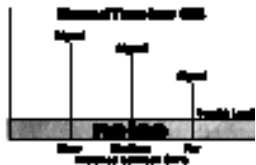
- 1 The S/Rf switch must be in the S/Rf position to read the meter.

Operation



Note

*SoundTracker™ gives you
clearer, cleaner reception to
improve CB communications
while on the air.*



The SoundTracker™ System

While previous systems only "blanket out" or limit noise in higher sound frequencies, the revolutionary new SoundTracker™ System actually reduces noise while leaving the signal intact in the reception mode. In the transmission mode, it actually strengthens the signal, providing you with a significant reduction in noise on reception and transmission.

Sound clarity is measured by the ratio of the signal level to the noise level. The higher the signal-to-noise ratio, the better the sound.

How SoundTracker™ Works

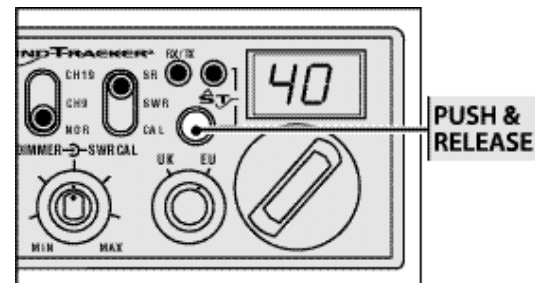
On Reception - "Cuts noise coming in"


With a normal CB, distant signals fall below the squelch level and are unintelligible. With a SoundTracker™ CB, the noise level is cut by up to 90%, which increases the signal-to-noise ratio and dramatically improves signal clarity. This also allows you to reduce the squelch level significantly, which greatly expands your listening range.

On Transmission - "Strengthens signals going out"

A SoundTracker™ CB strengthens the transmit signal by more effectively using the available RF power output of the CB. The result is improved transmission signal clarity and an expanded transmission range.

Activating SoundTracker™



- ➊ *Push and release* the  ST button. Red LED is illuminated when SoundTracker™ is turned on.

Activating SoundTracker™

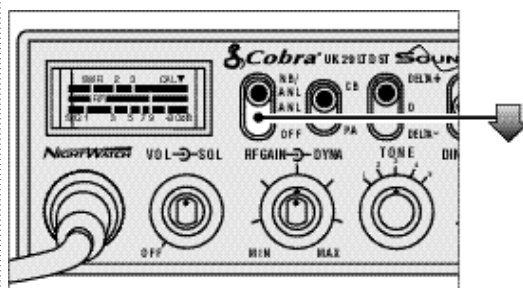
Operation

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.

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



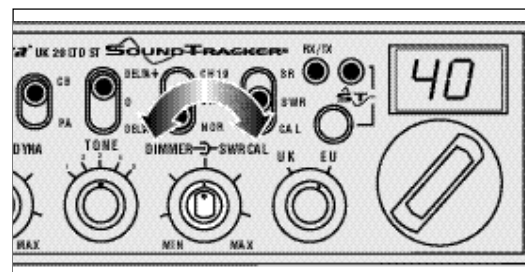
- 1 When switched to **ANL** the Automatic Noise Limiter is activated. This helps reduce noise created by the vehicle's electronics.

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.

Operation

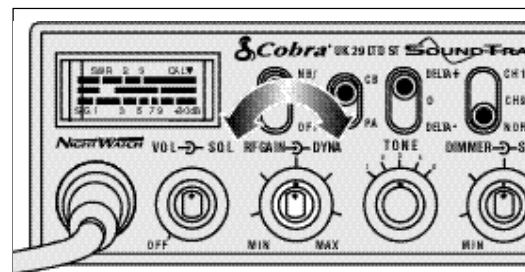
Dimmer Control



- 1 Rotate the **Dimmer** knob clockwise for maximum brightness; anticlockwise for minimum

RF Gain Control

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



- 1 Rotate the **RF Gain** knob anticlockwise to reduce gain in strong signal areas. In weak signal areas turn clockwise to increase gain.

Dimmer Control

Note

The Dimmer controls the brightness of the front panel, signal strength meter and channel display.

RF Gain Control

Note

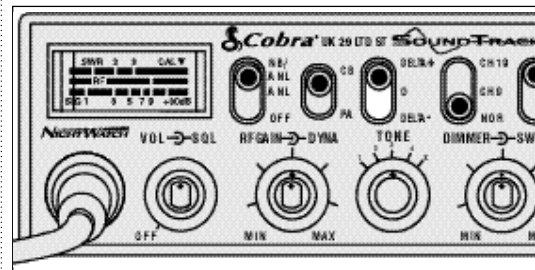
The RF Gain is used to optimize reception in weak signal areas.

Operation

Setting Delta Control

Setting Delta Control

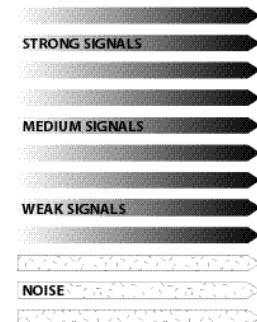
Delta Tone Control is used to set the desirable level of received audio.



- 1 Switch to Delta+ or Delta- to control tuning.
- 2 Rotate the Tone Control to desired level.

Setting Squelch

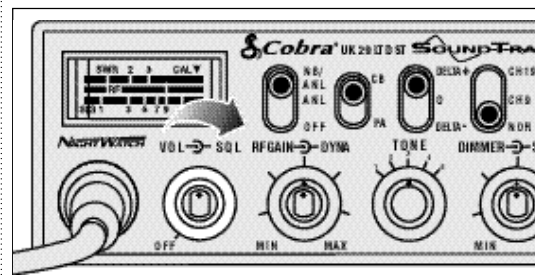
Gate closed



GATE CLOSED

Setting Squelch

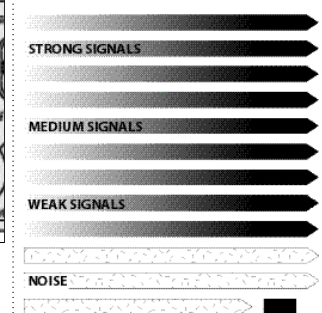
Squelch is the "control gate" for incoming signals.



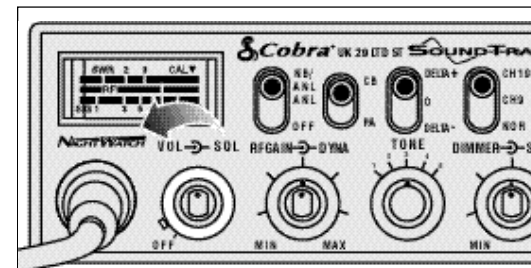
- 1 Full rotation closes the "gate" allowing only very strong signals to enter.

Operation

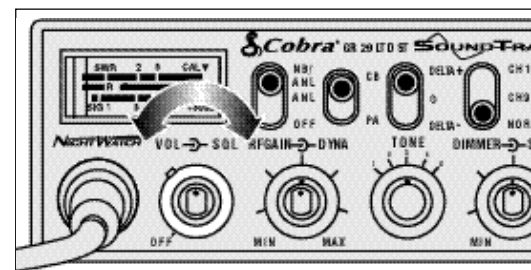
Gate open



GATE OPEN

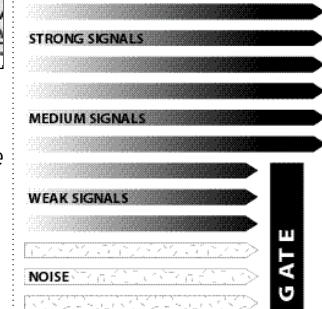


- 2 Full rotation opens the "gate" allowing all signals in.



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

Gate set to Desired Squelch Setting (DSS)



GATE

Operation

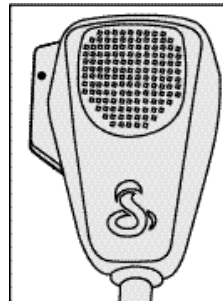
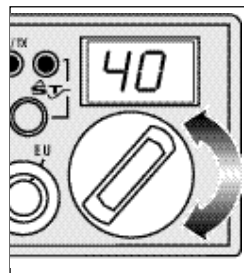
To Transmit



Caution!

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

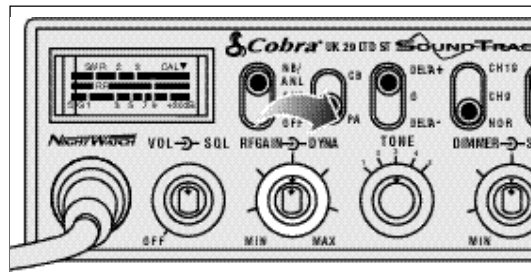
To Transmit



- 1 Select desired  channel.

Setting Dynamike

This controls the microphone sensitivity (outgoing audio level).

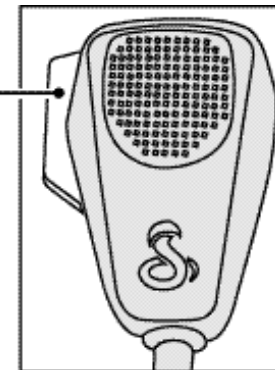


- 1 Initially, set fully  clockwise so that maximum voice volume is available. Dynamike may have to be reduced in some conditions.

Operation

Transmit

PUSH & HOLD



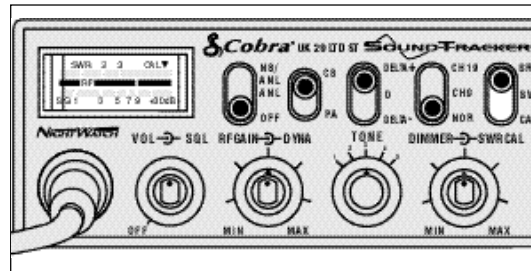
- 1 Push and hold microphone button to transmit. Transmitter is now activated. When transmitting, hold the microphone two inches from your mouth and speak in a clear, normal voice. Release to receive.

Operation

RF Meter

RF Meter

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

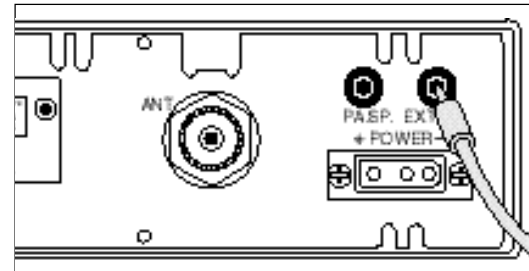


- 1 The S/R/STW-CAL switch must be in the S/R position.

Operation

External Speaker

The external speaker jack is used for remote receiver monitoring.



- 1 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 watts. When the external speaker is plugged in, the internal speaker is automatically disconnected.

Note

Cobra external speakers are rated at 10 watts.

Operation

PA (Public Address)

Note

Speaker should have 8-ohm impedance and be rated to handle at least 4 watts.

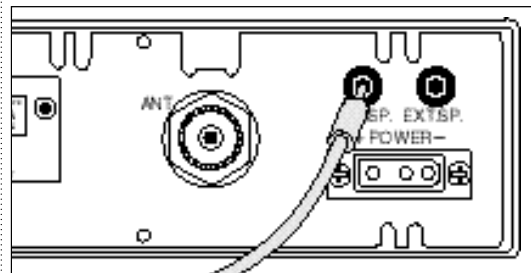
Note

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

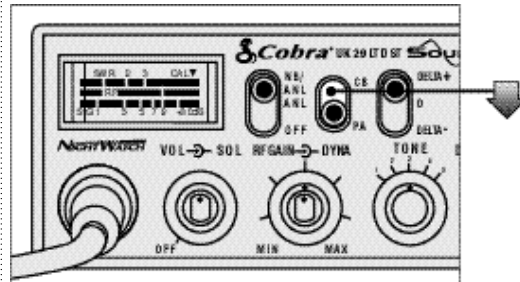
Note

Activity on the CB channel will be heard through the PA speaker. Adjust Volume Control for normal listening level.

PA (Public Address)



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

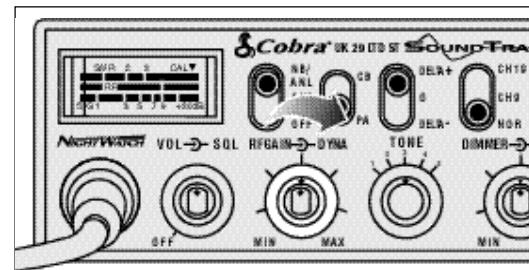


- 2 Set CB/PA switch to PA position.

PUSH & HOLD



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



- 4 Adjust PA speaker volume with the Dynamike control.

Home And Office Set-Up

Base Station Operation (From 220/240V AC Domestic Current)

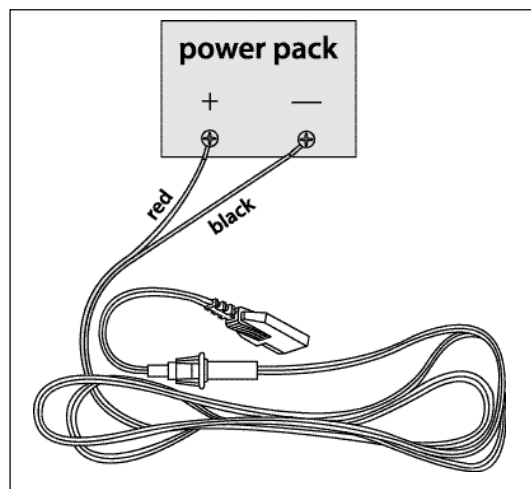


Warning!

Do not attempt to operate this transceiver by connecting it directly to 220/240 V AC.

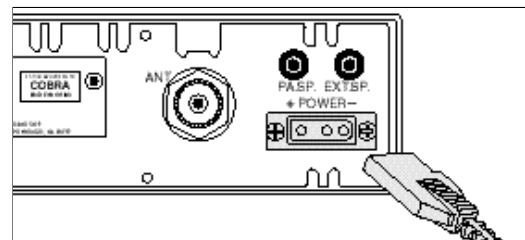
Base Station Operation (From 220/240V AC Domestic Current)

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.



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

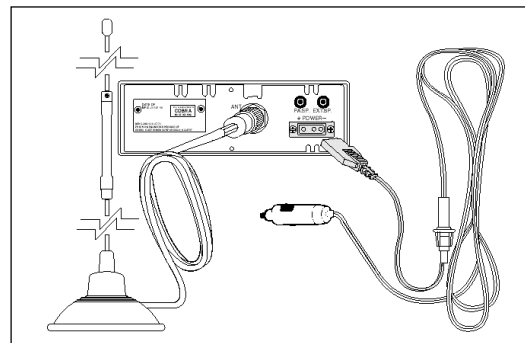
Temporary Mobile Set-Up



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

Temporary Mobile Operation

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



Temporary Mobile Set-Up

How Your CB Can Serve You

A Few Rules You Should Know

- Warn of traffic problems
- Provide weather and road data
- Provide help in an emergency
- Provide direct contact with home or office
- Get local information to find destination
- Communicate with family and friends
- Suggest spots to eat and sleep
- Keep you alert while travelling

A Few Rules You Should Know

- A. Conversations should not last more than 5 minutes with another station. A one-minute break should be taken to let others use the channel.
- B. You should not blast others off the air by use of illegally amplified transmitters or illegally high antennas.
- C. You should not use CB to promote illegal activities.
- D. Bad language should not be used.
- E. You should not transmit music with a CB.
- F. You should not use your CB to sell merchandise and/or professional services.

How Your CB Can Serve You

Local Laws or Regulations

THE USE OF THIS CB PRODUCT INVOLVES THE PUBLIC AIRWAYS AND ITS USE MAY BE SUBJECT TO LOCAL LAWS OR REGULATIONS. BEFORE USING THE PRODUCT YOU SHOULD CHECK TO SEE THAT THE CONTEMPLATED USE DOES NOT VIOLATE ANY APPLICABLE LOCAL LAW OR REGULATION.

Local Laws or Regulations

How Your CB Can Serve You

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 air
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/road conditions
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

How Your CB Can Serve You

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	Breakdown truck needed at
10-38	Ambulance needed
10-39	Message delivered
10-41	Turn to channel
10-42	Traffic accident at
10-43	Traffic delay 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 microphone
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

Frequency Ranges

The COBRA UK 29 LTD ST transceiver represents one of the most advanced FM two-way radios used. This unit features advanced Phase Lock Loop (PLL) circuitry providing complete coverage of all 40 CEPT and 40 UK FM CB channels.

CEPT Frequencies

CB Channel	Channel Freq. In MHz	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

UK Frequencies

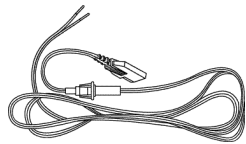
CB Channel	Channel Freq. In MHz	Channel Freq. In MHz
1	27.60125	21 27.80125
2	27.61125	22 27.81125
3	27.62125	23 27.82125
4	27.63125	24 27.83125
5	27.64125	25 27.84125
6	27.65125	26 27.85125
7	27.66125	27 27.86125
8	27.67125	28 27.87125
9	27.68125	29 27.88125
10	27.69125	30 27.89125
11	27.70125	31 27.90125
12	27.71125	32 27.91125
13	27.72125	33 27.92125
14	27.73125	34 27.93125
15	27.74125	35 27.94125
16	27.75125	36 27.95125
17	27.76125	37 27.96125
18	27.77125	38 27.97125
19	27.78125	39 27.98125
20	27.79125	40 27.99125

29 UK LTD ST Specifications

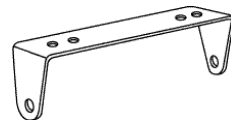
GENERAL	
CHANNELS	40 CH FM British, 40 Channel FM CEPT (EU)
FREQUENCY RANGE	26.965 TO 27.405 MHz FM CEPT BRITISH FM 40 CH FREQ. RANGE 27.60125 TO 27.99125
FREQUENCY TOLERANCE	0.005 %
FREQUENCY CONTROL	PLL (PHASE LOCK LOOP) SYNTHESIZER
OPERATING TEMPERATURE RANGE	-20° C TO + 55° C
MICROPHONE	PLUG-IN DYNAMIC
INPUT VOLTAGE	13.2 V DC nom. (positive or negative earth)
CURRENT DRAIN	TRANSMIT: AM FULL MOD., 1.5A (MAXIMUM) RECEIVE: SQUELCHED, 0.3A FULL AUDIO OUTPUT, 1.2A (NOMINAL)
SIZE	219 mm x 185 mm x 56 mm (8-5/8" D x 7-9/32" W x 2-13/64" H)
WEIGHT	1.8 kg (4 LBS.)
ANTENNA CONNECTOR	UHF; SO-239
METER	ILLUMINATED; INDICATES RELATIVE POWER OUTPUT, RECEIVED SIGNAL STRENGTH AND VSWR
TRANSMITTER	
POWER OUTPUT	.4 WATTS FM
MODULATION	FM (FREQUENCY MODULATION)
FREQUENCY RESPONSE	.300 TO 3000 Hz
OUTPUT IMPEDANCE	.50 OHMS, UNBALANCED
RECEIVER	
SENSITIVITY	LESS THAN 6 dB μ V FOR 20 dB SINAD
SELECTIVITY	.6 dB@ 7 kHz, 60 dB@ 10 kHz
IMAGE REJECTION	.80 dB, TYPICAL
ADJACENT-CHANNEL REJECTION	.60 dB, TYPICAL
IF FREQUENCIES	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 RANGE	.40 dB
NOISE BLANKER	RF TYPE
SQUELCH	ADJUSTABLE; THRESHOLD LESS THAN 1 μ V
AUDIO OUTPUT POWER	.4 WATTS
FREQUENCY RESPONSE	.300 TO 3000 HZ
DISTORTION	LESS THAN 7% @ 3 WATTS @ 1000 HZ
BUILT-IN SPEAKER	.8 OHMS, 5W
EXTERNAL SPEAKER (NOT SUPPLIED)	8 OHMS; DISABLES INTERNAL SPEAKER WHEN CONNECTED
PA SYSTEM	
POWER OUTPUT	.4 WATTS INTO EXTERNAL SPEAKER
EXTERNAL SPEAKER FOR PA (NOT SUPPLIED)	.8 OHMS, 4W MIN.

(SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE)

Optional Accessories



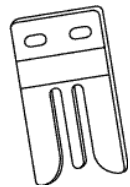
Replacement DC Power Cord
For in-vehicle use



Replacement Mounting Bracket
For in-vehicle use



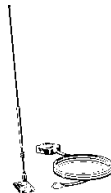
Replacement Thumb Screws
For in-vehicle use



Replacement Microphone Bracket
For in-vehicle use



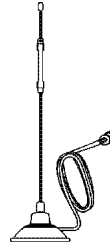
28" Full Range Centre Load, Magnetic Mount Antenna
For in-vehicle use
AT 35



25" Glass Mount Antenna
For in-vehicle use
AT 55



39" Full Range Base Load, Magnetic Mount Antenna
For in-vehicle use
AT 70



44" Full Range, Centre Load, Dual Band CB/WX Antenna
Allows greater transmission range while in a moving vehicle.
ATW 400

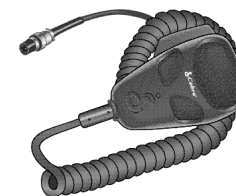


Replacement Dynamic Microphone
For in-vehicle use
CA 73

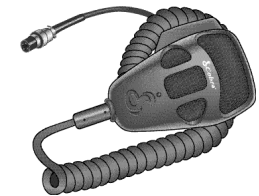
Optional Accessories



Power Microphone
For in-vehicle use
CA 75



Noise Cancelling/Power Microphone
For in-vehicle use
CA 77



Echo/Noise Cancelling Microphone
For in-vehicle use
CA 79



Dynamic External Speaker
For in-vehicle use
CS 100



Noise Cancelling External Speaker
For in-vehicle use
CS 300



Dynamic Noise Cancelling With Talk Back External Speaker
For in-vehicle use
CS 500

You Can Find These High-quality Accessories At Your Local Cobra CB Dealer