

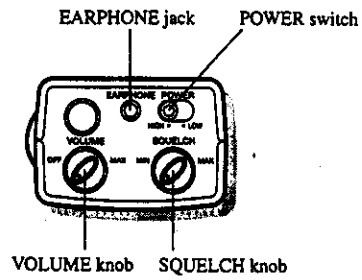
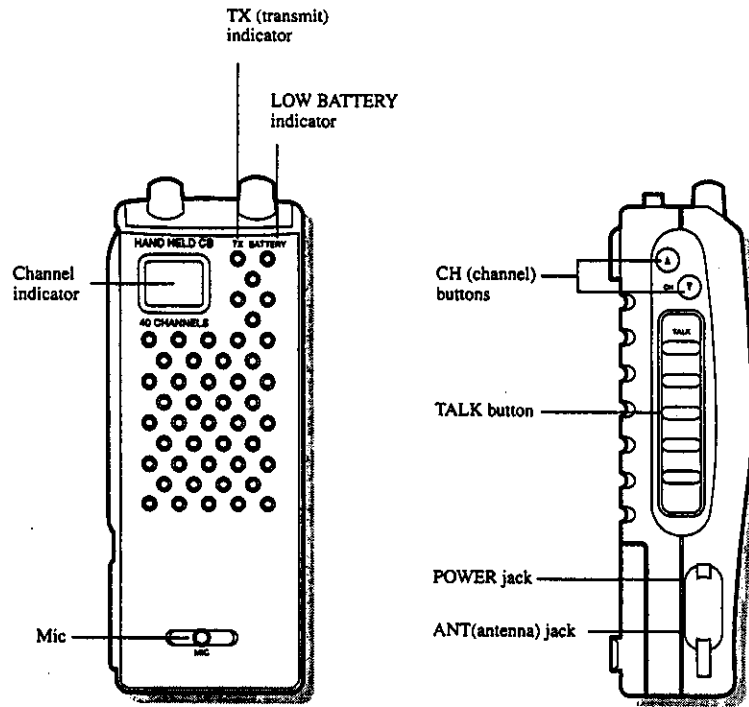
3-5980



**40-Channel Hand-Held
Citizens Band Transceiver
User's Guide**



CONTROLS AND FEATURES



INTRODUCTION

Your unit is a 40-channel hand-held CB transceiver designed for two-way communication in the 27MHz Citizens Band. Features include flexible rubber antenna, external antenna jack, external DC power jack, external earphone jack, channel display, transmit indicator, power switch (battery saver), and a hand strap for easy carrying.

This unit is designed to meet the following power rating:

Output power: 4.0 watts (50 ohms)

FCC REQUIREMENT

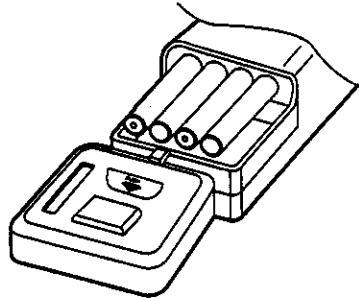
You are required to be familiar with and understand Part 95 of FCC Rules and Regulations (Information packaged with the CB).

INSTALL THE BATTERIES

1. Slide the battery door down and off the unit.
2. Insert 8 AA-size Alkaline batteries (not included) into the battery compartment. Be sure the (+) cap end of each battery is installed as shown on the diagram in the battery compartment.
3. Replace battery door.

The BATTERY indicator lights when the batteries need to be replaced.

NOTE: Be sure to remove the batteries when storing the unit for more than a few weeks at a time. Leaky batteries can damage the unit. Always turn VOLUME switch to off before storing.



CHANNEL DISPLAY

To conserve battery power, the channel display only lights when the channel is changed or the TALK button is pressed.

If the channel display is dim or does not light when switched on, the batteries are weak and need to be replaced.

USING THE CB

TO RECEIVE

1. Hold the unit so the antenna is vertical.
2. Turn the VOLUME knob clockwise to turn the unit on. Continue to turn the VOLUME knob to the desired volume level.
3. Press the CH buttons to achieve the desired channel.
4. Turn the SQUELCH knob clockwise. A hissing sound will be heard. Turn the knob slowly counterclockwise until the hissing stops. This adjustment eliminates annoying static when no one is transmitting.

NOTE: Setting the SQUELCH beyond the point where hissing stops may prevent the reception of weak transmissions.

5. Readjust the VOLUME to desired level.

You are now ready to receive transmissions from other transceivers operating on your channel.

TO TRANSMIT

Make sure the unit is turned on and desired channel is selected. Hold the unit 2 to 3 inches from you and be sure no one else is talking on the channel and then:

1. Press and hold the TALK button and speak in a normal voice. The TX indicator lights.
2. Release the TALK button to return to receive mode.

NOTE: The VOLUME and SQUELCH controls are only effective in the Receive mode.

FLEXIBLE RUBBER ANTENNA

Your unit is supplied with a consumer replaceable flexible rubber antenna.

The antenna has been designed so that it is easily replaced in the event it is damaged. The antenna's mounting post goes through a hole in the unit top and is held in place by a screw collar. Unscrew the collar and remove the antenna. To install the replacement antenna, reverse the procedure.

POWER SWITCH

This switch is a battery saver switch.

When full power is not required for satisfactory communication, slide the power switch to LOW to conserve battery power. Slide POWER switch to HIGH for full power (maximum range).

RANGE OF THE CB

The following conditions reduce the effective range of sending and receiving transmissions, and should be avoided when possible.

1. Operating the unit inside buildings with metal girders, and/or steel walls.
2. Hills or trees between units will also significantly reduce range. Try to keep an open path between units.

Whenever transmission or reception is poor, move the unit to a different location—a higher area with less obstructions. Generally, range will be greater over water or unobstructed land.

EXPANDED USE OF THE CB

EXTERNAL POWER JACK

A car adapter will enable you to power your unit from the cigarette lighter socket in your car. These adapters, such as Radio Shack's® 21-550, are available from local electronic supply stores. When purchasing, be sure the adapter is for use with 12-V DC, negative ground vehicles only.

Batteries are automatically disconnected while using external power.

EXTERNAL ANTENNA JACK

The antenna jack allows you to connect your unit to a standard CB antenna. For best reception and transmission use an antenna especially designed for 27MHz. An antenna adapter, such as Radio Shack's® 278-208, is required.

Consult an electronics supply store representative for assistance and recommendations to ensure a safe and proper installation.

EXTERNAL EARPHONE JACK

When you plug in an optional earphone, the speaker is automatically silenced for private listening.

CARRY STRAP

For ease in transporting your unit, a carry strap is provided on the back of the unit.

TROUBLESHOOTING

<i>Problem</i>	<i>Solution</i>
Transmit problems	<ul style="list-style-type: none">• Check batteries for weak reception. Replace if necessary.• Be sure TALK button is depressed.
Reception problems,	<ul style="list-style-type: none">• Move SQUELCH counterclockwise.• Obstruction-move to another location.• Beyond range-move closer to unit.

SERVICE INFORMATION

This product should be serviced only by those specially trained in appropriate servicing techniques. For instructions on how to obtain service, refer to the warranty included in this Guide, Attach your sales receipt to the booklet for future reference, or jot down the date this product was purchased or received as a gift. This information will be valuable if service should be required during the warranty period.

Purchase Date _____

Name of Store _____

You may need both the model number and the serial number. For easy reference, write down the serial number located on the unit:

Serial No. _____

Model No. _____

This product can only be serviced by those holding a First or Second Class FCC Radiotelephone License.

WARNING

Do not attempt to disassemble this cabinet. The technical information provided in the service manual is only for use by qualified servicers that have a First or Second Class FCC Radiotelephone Operators License. Transmitter servicing is prohibited by FCC Radiotelephone Operator. When service is performed by an authorized and licensed servicer, care must be taken in the replacement of parts, to use only authorized parts in order not to void the type acceptance in accordance with Part 95 of the FCC Rules and Regulations. It is the user's responsibility to see that this unit is operating at all times in accordance with the FCC Citizens Radio Service Regulations.

LIMITED WARRANTY

What your warranty covers:

- Any defect in materials or workmanship.

For how long after your purchase:

- Two years.

(The warranty period for rental units begins with the first rental or 45 days from date of shipment to the rental firm, whichever comes first.)

What we will do:

- Provide you with a new, or at our option, a refurbished unit.
- The exchange unit is under warranty for the remainder of the original product's warranty period.

How to make a warranty claim:

- Properly pack your unit. Include any cables, etc, which were originally provided with the product. We recommend using the original carton and packing materials.
- Include in the package evidence of purchase date such as the bill of sale. Also print your name and address and a description of the defect. Send standard UPS or its equivalent to:

Thomson Consumer Electronics, Inc.

Product Exchange Center

32 Spur Drive

El Paso, Texas 79906

- Pay any charges billed to you by the Exchange Center for service not covered by the warranty.
- A new or refurbished unit will be shipped to you prepaid freight.

What your warranty does not cover:

- Customer instruction. (Your Owner's Manual provides information regarding operating instructions and user controls. For additional information, ask your dealer.)
- Installation and set-up service adjustments.
- Batteries.
- Damage from misuse or neglect.
- Products which have been modified or incorporated into other products.
- Products purchased or serviced outside the USA.
- Acts of God, such as but not limited to lightning damage.

Product Registration:

- Please complete and mail the Product Registration Card packed with your unit. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

How state law relates to this warranty:

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

If you purchased your product outside the USA:

- This warranty does not apply. Contact your dealer for warranty information.

FCC INFORMATION

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undersized operation.

In accordance with FCC requirements, changes or modifications not expressly approved by Thomson Consumer Electronics could void the user's authority to operate this product.

This device generates and uses radio frequency (RF) energy, and if not installed and used properly, this equipment may cause interference to radio and television reception.

If this equipment does cause interference to radio or television reception (which you can determine by turning the equipment off and on), try to correct the interference by one or more of the following measures:

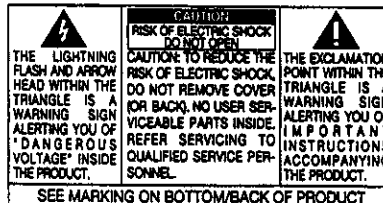
- Reorient the receiving antenna (that is, the antenna for the radio or television that is "receiving" the interference).
- Move the unit away from the equipment that is receiving interference.
- Plug the unit into a different wall outlet so that the unit and the equipment receiving interference, please consult your dealer or an experienced radio/television technician for additional suggestions. Also, the Federal Communications Commission has prepared a helpful booklet, "How To Identify and Resolve Radio TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington, DC 20402. Please specify stock number 004-000-00345-4 when ordering copies.

IMPORTANT BATTERY INFORMATION

- Alkaline batteries are recommended for longer play. Carbon-zinc or nickel cadmium rechargeable batteries can substantially reduce play time.
- If you're not going to use your player for a month or more, be sure to remove batteries because they can leak and damage the unit.
- Dispose of batteries in the proper manner, according to federal, state, and local regulations.
- Any battery may leak electrolyte if mixed with a different battery type, if inserted incorrectly, if all batteries are not replaced at the same time, if disposed of in fire, or if an attempt is made to charge a battery not intended to be recharged.
- Discard leaky batteries immediately. Leaking batteries can cause skin burns or other personal injury.

**WARNING: TO PREVENT FIRE
OR ELECTRICAL SHOCK HAZARD,
DO NOT EXPOSE THIS PRODUCT
TO RAIN OR MOISTURE.**

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