





Model: 7-2887

Superadio High Performance, Long Range AM/FM Portable Radio



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

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.	CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.
SEE MARKING ON BOTTOM / BACK OF PRODUCT		

Use and Care Guide

CONTROLS AND FEATURES

Congratulations on your purchase of the GE SUPERADIO, Model 7-2887, with features such as:

LONG-RANGE RECEPTION

- Tuned RF on both AM and FM.
- 38" (976 mm) FM Swivel Whip Antenna.
- 7-7/8" (200 mm) AM Ferrite Rod Antenna.

STATION SELECTIVITY AND SEPARATION

- Ceramic IF Filter, plus 3 IF Tuned Circuits on FM.
- 4 IF Tuned Circuits on AM.
- Switchable AFC (Automatic Frequency Control).
- Precision Vernier Tuning.

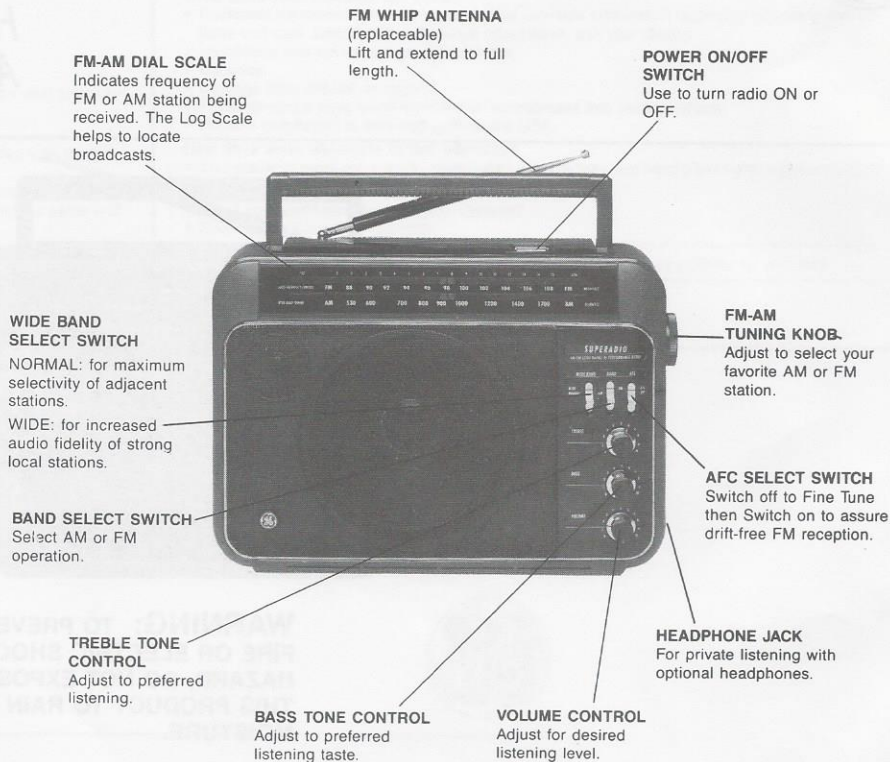
BEST SOUND QUALITY

- 6-1/2" High-sensitivity speaker, plus 2" Tweeter.
- 700 mw RMS minimum Audio Output.
- Separate BASS and TREBLE Controls.
- Separate VOLUME Control.

OTHER SUPER FEATURES

- 6 "D" cell battery power (batteries not included) or AC household power operation.
- GE FM-AM IC (Integrated Circuit).
- Separate power ON-OFF switch.
- Headphone Jack for optional headphones.
- Fold down carry handle.
- AM-FM External Antenna Terminals.

This radio offers a level of performance above the average portable radio. We urge you to follow the step-by-step instructions in order to enjoy the full capabilities of this radio.

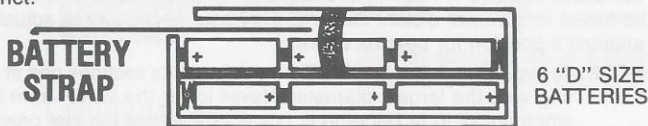


POWER SUPPLY

This Two-Way portable radio operates on AC Household power or 6 "D" size batteries with automatic AC/DC switching. The batteries (not included with radio), and power cord are housed in a compartment on the back of the radio.

BATTERY OPERATION

1. Gently place the radio on its front with the bottom facing you.
2. Remove the battery/cord storage compartment door by releasing the three compartment door latches, then swing door toward you and off.
3. Insert the 6 "D" size batteries into the compartment as indicated on the panel inside the compartment. Be sure the + (cap) end of each battery is installed in the direction shown in the battery outline. Insert "bottom row" of batteries first, then slide the "top row" under the BATTERY STRAP from the left side of cabinet.



4. Replace the compartment door by first placing the bottom securing tabs into their receptacles, then swing door into position and press until the three latches "snap" into place.

NOTE: After a portable radio has been used extensively in battery operation, the quality of the sound may deteriorate or the loudness may decrease. When this happens, the very first thing to suspect is run-down batteries.

Further confirmation that the batteries are run down can be made by changing to AC line cord operation. If the sound quality improves the batteries are run down and should be replaced with new batteries.

Your SUPERRADIO offers exceptional battery life with standard "D" size batteries. Alkaline batteries, although more expensive, offer increased battery life over standard cells.

IMPORTANT

Since few batteries are actually "leakproof", always remove batteries, (even if new) when storing product unused for over 30 days or using AC continually. For shorter periods of AC operation (up to 30 days) batteries may remain in product.

Always remove worn-out batteries as they may leak chemicals which will damage the electronic components and cabinet. When discarding batteries, be sure to dispose of them in the proper manner, according to your state and local regulations.

120-VOLT AC OPERATION

Remove power cord from compartment and plug into any 120-volt AC household outlet. An opening in the compartment door has been provided to permit AC operation with the door in place. Your radio will automatically convert from battery to AC operation. When finished using radio on AC, be sure to switch POWER ON-OFF switch to OFF. Removing plug from household outlet without switching radio to OFF will automatically revert operation to battery power.

FM-AM OPERATION

1. Turn radio ON by depressing the POWER ON-OFF switch.
2. Select AM or FM operation with the BAND SELECT switch.
3. For FM reception, lift and extend the Whip Antenna to its fullest length. See page 4 for further information on both the AM and FM antennas.
4. Turn the volume up by rotating the VOLUME Control in a clockwise direction.
5. Rotate the FM/AM TUNING knob to select your favorite FM or AM station.
6. Precise tuning to distant (or weak) FM stations can be achieved by following the AFC (Automatic Frequency Control) directions as out-lined on page 4.
7. Adjust the VOLUME, BASS and TREBLE controls to your preferred listening level and tone.
8. To turn radio off, press the POWER ON-OFF switch again.

AM BAND

AM Band radio stations are assigned broadcast frequencies between 540 and 1700 Kilohertz (KHz). AM transmissions leave the antenna in two types of radio waves – ground waves and sky waves. Ground waves stay close to the ground and can be picked up by receivers in the local area. Sky waves go into the sky and pass thru the ionosphere into outer space. Some sky waves have a tendency to "bounce" back from the ionosphere (especially during the evening hours) and can be picked up by distant receivers.

WIDE BAND

This "AM ACCENT" switch allows:

- Maximum selectivity of adjacent stations in the NORMAL position.
- Improved audio fidelity of strong local stations when in the WIDE position.

NOTE: In the WIDE position, you may encounter beat and whistle noises due to adjacent-channel stations in the AM band. This problem may be particularly noticeable during nighttime reception. If this occurs, switch to NORMAL position.

FM BAND

FM Band radio stations broadcast on assigned frequencies between 88 and 108 Megahertz (MHz). FM broadcasts are higher frequencies and offer less static and interference from outside sources as well as greater audio fidelity than AM broadcasts. Range, however, is not as great as AM because very little, if any, sky-wave reception is involved at FM frequency range.

AFC (Automatic Frequency Control)

Automatic Frequency Control (AFC) works to assure drift-free FM reception and helps to keep the radio locked-in on the station to which it is tuned. AFC works only on FM, it does not affect the AM operation. Tune to the desired FM station with the AFC SELECT switch in ON position.

Under certain conditions, you may not wish to use the AFC. When the desired station frequency is adjacent to a stronger station, the Automatic Frequency Control may tune the set to the stronger station. If this occurs, tune in the desired station with the AFC switch in OFF position. Should switching to ON cause the set to detune to the stronger adjacent station, simply leave the AFC SELECT switch in OFF position.

BASS/TREBLE CONTROLS

The BASS control enable you to increase or decrease the relative volume of the low-pitched (bass) sounds from the normal (or "flat") control setting.

The TREBLE control enables you to increase or decrease the relative volume of the high pitched (Treble) sounds from the normal (or "flat") control setting.

NOTE: These Tone Controls have a large built-in variation range which will enable you to emphasize the various tonal sounds and alter the music you are receiving. You may be able to vary the musical balance of the music un-

til it is almost unrecognizable. The Tone Controls were designed with these extreme range variations to enable you to adjust for your particular listening preference and the program being received.

POWER ON-OFF SWITCH

The convenient power ON-OFF push button switch enables you to set the VOLUME, BASS and TREBLE controls, then turn the radio on or off without having to reset the controls each time.

BUILT-IN AM/FM ANTENNAS

AM — The BUILT-IN ANTENNA (200 mm Ferrite Rod) is somewhat directional, and on weak stations it may be necessary to rotate the radio for best reception. The FM WHIP antenna is not used for AM reception.

FM — The WHIP ANTENNA may be positioned anywhere within an 180 degree arc and is capable of rotating 360 degrees. To use, lift and extend the WHIP to its fullest length. For distant stations, it may be necessary to adjust the WHIP antenna's position for best reception.

NOTE: To avoid damaging the WHIP, always lower its sections one at a time starting with the largest diameter. Never lower the WHIP from the tip end since buckling or bending is possible. Be sure the slot provided in the base of the swivel antenna is positioned properly before lowering the WHIP into its holder clip.

WHIP ANTENNA REPLACEMENT

The whip 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 cabinet top and is held in place by a single screw through the cabinet back. Simply remove the screw and slide the post out of the cabinet top. To install the replacement, reverse the procedure.

To order a replacement whip antenna (No. 5-1992) use Accessory Order Form included in this Guide.

EXTERNAL AM/FM ANTENNA TERMINALS

Although the Superadio normally provides excellent reception utilizing its built-in antennas, it offers the additional capability of connecting outside AM or FM antennas to the EXTERNAL ANTENNA terminals on the cabinet back. External antennas can be used in poor reception areas (inside steel and concrete buildings) or to improve reception of distant stations. The antenna required for FM differs from the type needed for AM reception.

AM - An AM antenna for outside installation connects to the screw terminals on the cabinet back marked AM and GND.

FM - You may use your TV antenna or an outside FM antenna. The twin leads connect to the screw terminals marked FM (300 ohm) and GND.

IMPORTANT: External antennas are available from local parts stores. Follow all safety instructions (provided with antenna) when installing any outside antenna.

EXTERNAL ANTENNA
TERMINALS
CABINET BACK VIEW



HEADPHONE

You can be alone in a crowd with optional headphone No. 3-5750 that lets you listen in complete privacy. The radio speakers are automatically silenced when you plug headphone into Jack located on the right side of the cabinet.

NOTE: The Jack is designed to permit use of stereo headphones with your mono radio, but reception will be heard in mono only.

USERS CHECK LIST

Before seeking service, a simple review of the step-by-step instructions may eliminate or clarify your problem.

- **NO SOUND**
Is power cord plugged into a working 120V AC outlet? Is POWER ON/OFF switch in ON (depressed) position? Are batteries installed correctly? Are batteries weak?
- **WEAK OR DISTORTED SOUND**
Check condition of batteries or operate on AC power. If sound is good on AC power, batteries are weak and should be replaced.
AM Reception — Try rotating radio for best reception
FM Reception — Fully extend whip antenna.
- **EXCESSIVELY NOISY RECEPTION**
The "noise" may be coming from outside sources such as the broadcast program material, electrical "noise" from nearby automobiles, electrical lights (fluorescent lamps), etc., also, noise will be more noticeable from distant stations.

LONG DISTANCE AM LISTENING (DXing)

Because your Superadio III is designed for long-range AM reception you will gain added enjoyment receiving broadcasts from distant AM stations. You may listen to news, weather, sports, and other special programming from other cities. A station log has been included on page 6 to help you keep a DX (long distance reception) record of stations received.

Although daytime AM reception is limited to a maximum of a few hundred miles (depending on the strength of the radio station, atmospheric conditions, etc.), at night you may be able to pick up powerful stations over a thousand miles away. This is because AM "sky-wave" signals are reflected off the ionosphere and back to earth in the nighttime hours.

DX HELPFUL HINTS

The number of stations you are able to receive is a function of many factors. The following may prove helpful:

1. Although the built-in AM antenna will enable you to receive many distant stations, your reception can be improved significantly with the addition of an external AM antenna.

2. The dusk to dawn hours are best for long distance AM reception with sunrise and sunset the optimum times.
3. Clear winter evenings are normally superior to summer because the nights are longer and there is less interference from electrical storms.

SERVICE

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 _____

SERVICE LITERATURE

Service literature is available for your unit. For information on how to order, note the complete model number of your unit and, then, call:

GE Publications Ordering
(502) 491-8110

Do not use the Accessory Order Form (or its mailing address) included in this Guide, as service literature is not available from that location.

The service literature will be useful to, and should be used only by, those trained in appropriate servicing techniques.

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 undesired operation.

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

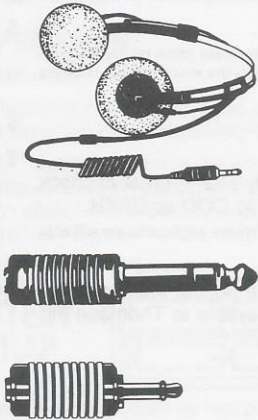


PERSONAL STATION LOG

Because of the long-range performance of this radio, you may enjoy keeping track of distant stations you have received.

The Log Scale helps in locating stations by providing a reference point. Just jot down the log scale number, the station frequency, and time of reception from each station on a chart such as that shown below. You will soon have a complete log of transmissions that you receive in your location.

CITY	STATION CALL LETTERS	AM KHz F-MHz	LOG SCALE	DATE	TIME

OPTIONAL ACCESSORIES

CAT. NO.	ART	DESCRIPTION	PRICE	QUAN.	TOTAL
3-5750		<p>STEREO HEADPHONE Lightweight Stereo Headphone with 3.5 mm stereo plug</p> <p>FOR HEADPHONE VERSATILITY, the following adapters included at no extra charge.</p> <p>1/4" adapter — Use lightweight headphone with other stereo products having 1/4" headphone jack.</p> <p>3.5 mm stereo to 3.5 mm mono adapter. Permits headphone use with mono products having 3.5 mm earphone jack.</p>	\$17.95		
5-1870		<p>STEREO HEADPHONE REPLACEMENT PADS 3 Pairs Per Pkg.</p>	\$ 4.95		
5-1992		<p>FM WHIP ANTENNA</p>	\$ 9.10		

ACCESSORY ORDER FORM

For credit card purchases

Your complete charge card number, its expiration date and your signature are necessary to process all charge card orders.

Copy your complete account number from your **VISA** card.

□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
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My card expires:

□	□	□	□	□	□
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Copy your complete account number from your **MasterCard**.

□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
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Copy the number above your name on the MasterCard

□	□	□	□	□	□
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My card expires:

□	□	□	□	□	□
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Authorized Signature

Prices are subject to change without notice.

Total Merchandise \$ _____

Sales Tax \$ _____

We are required by law to collect the appropriate sales tax for each individual state, county, and locality to which the merchandise is being sent.

Shipping, Handling, and Insurance \$ **5.00**

Total Amount Enclosed \$ _____

Use VISA or MasterCard preferably. Money order or check must be in U.S. currency only. No COD or CASH.

All accessories are subject to availability. Where applicable, we will ship a superseding model.

Prices are subject to change without notice. Mail order form and money order or check (in U.S. currency) made payable to Thomson Inc. to:

**Consumer Electronics
Mail Order Department
P.O. Box 8419
Ronks, PA 17573-8419**

This is your return label. Please print clearly.

To:

Name _____

Address _____ Apt. _____

City _____ State _____ ZIP _____

Please make sure that this form has been filled out completely.

CUSTOMER: CUT ALONG DOTTED LINE.

ONE-YEAR LIMITED WARRANTY

What does your warranty cover?

- Any defect in material or workmanship.

For how long after the original purchase?

- One year.
- The warranty for rental units begins with the first rental.

What will we do?

- Provide you with a new, or at our option, a reconditioned unit.
- The exchange unit is warranted for the remainder of your product's original one-year warranty period.

How do you 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 a copy of the sales receipt or other evidence of date of original purchase. If the unit was a gift, provide a statement specifying the date received. Also print your name and address and a description of the defect.
- Ship the unit standard UPS or equivalent to:
Thomson Inc.
Product Exchange Center,
11721 B Alameda Ave,
Socorro, TX 79927

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

What does your warranty 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.
- Product purchased or serviced outside the USA.

How does state law relate to this warranty?

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

What if you purchased your unit in Canada?

- Refer to the Canadian Warranty.

For products purchased outside the United States and Canada, see dealer for warranty.

Thomson Inc.

