

GX1500

FM Transceiver

Operating Instructions



Congratulations! You have purchased the finest two-way radio in the industry. We thank you for buying Standard, and are sure you will be impressed with the performance and reliability of your new transceiver.

The Standard Communications Corp. (SCC) GX1500 is available in both VHF (150 to 174 MHz) and UHF (450 to 470 MHz) versions. The power output is 25 Watts for the VHF version and 15 or 25 Watts for the UHF versions.

Prior to operation of your radio, it must be licensed by the FCC and properly installed, including connection to a 13.6 VDC power source and an appropriate antenna. The SCC dealer from whom you purchased your transceiver will be glad to assist you in all licensing procedures and antenna installation. He's there to help you with all your communication needs!

Features

LED Indicators

- TX LED lights red when the GX1500 is transmitting.
- BUSY LED lights green when the channel is busy, even when the receiver is tone squelched and the message can't be heard.
- CALL LED will be used for future expansion of GX1500 features.

Time-Out Timer

If the time-out timer is programmed:

- a beeping alarm sounds 10 seconds before the transmitting time limit
- transmission is cut off when this limit has been reached
- timer is reset by releasing the push-to-talk button momentarily

Busy Lockout



If Busy Lockout is programmed:

- the transmitter is disabled when the channel is busy with other traffic
- a tone will be heard when the push-to-talk switch is pressed while the channel is busy and the GX1500 will not transmit

Field Programming

Additional receive/transmit frequencies (up to a maximum of eight channels) may be added as allowed by your license as well as programming of the Time-Out Timer and Busy Lockout features. New channels and features may be programmed without disassembly by Cloning (if a GX1500 with the desired channels and features is available) or by Field Programming by your SCC Dealer.


Operating Instructions

1. Ensure the following connections are made:
 - the power cord with a 6 amp fuse is connected to the power source
 - the antenna is connected to the jack marked "ANT" on the back of the unit
 - the Microphone is connected to its front-panel jack
2. Turn the Power/Volume Control  clockwise until the desired volume is attained. If the channel is tone protected, press the MONITOR switch to hear audio through the speaker.
3. Set the Channel Selector so the desired channel is read out on the LED display.
4. Adjust the Squelch Control  clockwise just until the background noise disappears. If the channel is tone protected—no signal or noise is heard through the speaker with the Squelch Control at minimum (fully counterclockwise)—then open the tone squelch by either removing the Microphone from its bracket or by depressing the MONITOR switch. Then adjust the Squelch Control clockwise just until the background noise disappears. This is the proper squelch setting, and the control should not be rotated beyond this point or weak stations will not be heard.
5. When a message is received, adjust the volume to the desired listening level.
6. To transmit:
 - a. Monitor the chosen channel. It is an FCC requirement to monitor a channel before transmitting. Depress the MONITOR switch to listen for any channel activity.
 - b. If receiving a call, transmit only after the incoming call ends. The GX1500 cannot receive a call and transmit simultaneously. The BUSY indicator will light green when a call is received.

- c. Depress the push-to-talk (PTT) switch and deliver the voice message. For best transmission, speak into the microphone from a distance of 1/2- to 1-inch. The TX indicator will light red during transmission.
- d. Release the PTT switch.

Cloning

The program contained in one GX1500 (transmit/receive frequencies, channel tone protection, busy lockout, and time-out timer) may be copied to another GX1500, making the second unit a duplicate or clone of the first. The unit from which the copy is made is called the Master while the copy is called the Clone. To clone a program:

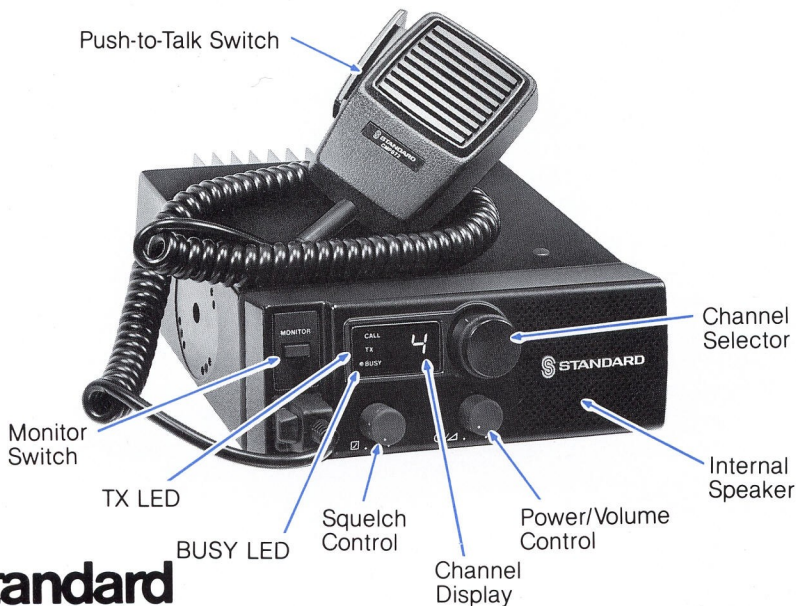
1. Set the Power/Volume Control  of both units to their Off (fully counterclockwise) position.
2. Connect the two units by inserting one end of the cloning cable into the Microphone jack of each unit.
3. On the Master unit, push down the MONITOR switch and then turn the Power Switch to the On position. Next, turn the Clone power switch to the On position.
4. This starts the copying of the program in the Master unit to the Clone. During this process, the Channel Indicator on the Master will blink "c" while the Channel Indicator on the Clone will show "P."
5. Upon completion of the copy process, the indicator on the Clone will blink "P." If it blinks "E," the cloning is incomplete and the entire procedure should be repeated from the beginning.
6. When cloning is complete, turn off the power switches of both units and disconnect the Cloning cable.

Repair and Maintenance

Properly used, your Standard radio will serve you trouble-free for years. However, should it require service, consult your SCC Dealer from whom you purchased your unit. He will ensure that you receive the service you need.

SCC thanks you again for buying Standard—your total communications company!

Control Locations



Standard Communications Corp. • P.O. Box 92151, Los Angeles, California 90009-2151 • (310) 532-5300

Land Mobile Products Limited Warranty

STANDARD COMMUNICATIONS CORP. ("SCC") warrants, to the original purchaser only, each new Land Mobile Product ("Product") manufactured and/or supplied by SCC against defects in material and workmanship under normal use and service for a period of time from the date of purchase as follows:

GX1500 Series - 3 years.

To receive warranty service, the purchaser must deliver the Product, transportation and insurance prepaid, to SCC Standard Communications Corp., 4876 W. North Temple, Salt Lake City, Utah 84116. Include proof of purchase or lease indicating model, serial number, and date of purchase. SCC will return the Product to the Purchaser freight prepaid. Products purchased prior to January 1, 1991 will bear the SCC warranty terms in effect prior to that date.

In the event of a defect, malfunction or failure of a Product during the warranty period, SCC's liability for any breach of contract or any breach of express or implied warranties in connection with the sale of Products shall be limited solely to repair or replacement, at its option, of the Product or part(s) therein which, upon examination by SCC, shall appear to be defective or not up to factory specifications. SCC may, at its option, repair or replace parts or subassemblies with new or reconditioned parts and subassemblies. Parts thus repaired or replaced are warranted for the balance of the original applicable warranty.

SCC will not warrant installation, maintenance or service of the Products. In all instances, SCC's liability for damages shall not exceed the purchase price of the defective Product. This warranty only extends to Products sold within the 50 States of the United States of America and the District of Columbia.

SCC will pay all labor and replacement parts charges incurred in providing the warranty service except where purchaser abuse or other qualifying exceptions exist. The purchaser must pay any transportation expenses incurred in returning the Product to SCC for service.

This limited warranty does not extend to any Product which has been subjected to misuse, neglect, accident, incorrect wiring by anyone other than SCC, improper installation, or subjected to use in violation of instructions furnished by SCC, nor does this warranty extend to Products on which the serial number has been removed, defaced, or changed. SCC cannot be responsible in any way for ancillary equipment not furnished by SCC which is attached to or used in connection with SCC's Products, or for the operation of the Product with any ancillary equipment and all such equipment is expressly excluded from this warranty. SCC disclaims liability for range, coverage, or operation of the Product and ancillary equipment as a whole under this warranty. SCC reserves the right to make changes or improvements in Products, during subsequent production, without incurring the obligation to install such changes or improvements on previously manufactured Products.

The implied warranties which the law imposes on the sale of this Product are expressly LIMITED, in duration, to the time period specified above. SCC shall not be liable under any circumstances for consequential damages resulting from the use and operation of this Product, or from the breach of this LIMITED WARRANTY, any implied warranties, or any contract with SCC. IN CONNECTION WITH THE SALE OF ITS PRODUCTS, SCC MAKES NO WARRANTIES, EXPRESS OR IMPLIED AS TO THE MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE, EXCEPT AS EXPRESSLY SET FORTH HEREIN.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitation on how long an implied warranty lasts, so the above limitations or exclusions may not apply. This warranty gives specific legal rights, and there may be other rights which may vary from state to state.

ONLY PRODUCTS SOLD ON OR AFTER JANUARY 1, 1991 WILL BE COVERED UNDER THE TERMS OF THIS LIMITED WARRANTY.

Customer Record

Purchase Date (Warranty Effective Date) _____

Purchased From _____

Equipment Serial No. _____