

User Manual

Model: L3400

SAFETY AND GENERAL INFORMATION

Important Information for Safe and Efficient Operation

Please read this information before using your radio.

Safety and General

1. Do not transmit more than 50% of time. It is important as the radio generates measurable RF energy exposure only when transmitting.
2. Do not open the radio. Any unauthorized modification may invalidate the guarantee.
3. Radio frequency signals transmitted may cause interference to hearing aids.
4. Turn off the radio when near medical equipment.
5. This product should not be used by people with pacemakers.
6. Do not use the radio when driving a vehicle or operating machinery.
7. Do not use the radio when on board aircraft.
8. Do not hold the antenna when transmitting.
9. Do not use the radio when the antenna has damaged.
10. Turn off the radio and remove the batteries if you are not going to use it for a long time.
11. Do not attempt to charge alkaline batteries.

OPERATIONAL CAUTIONS

1. Never dispose of batteries in a fire. There is a serious risk of explosion and /or the release of highly toxic chemicals.
2. Do not expose your product to direct sunlight, extreme cold or place it near heating appliances.
3. Do not submerge any part of your product in water and do not use it in damp, humid or wet conditions.
4. Do not expose your product to fire, explosive or other hazardous conditions. For example, at petrol stations or areas where explosive products are used.

Transmit and Receive Procedures

Your wireless hand-held portable transceiver contains a low power transmitter. When the Push-to-Talk (PTT) button is pushed it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless devices.

RF Exposure



CAUTION: To maintain compliance with the FCC's RF exposure guidelines hold the transmitter and antenna at least 1 inch (2.5 centimeters) from your face and speak in a normal voice, with the antenna pointed up and away from the face. If you wear the handset on your body while using the headset accessory, use only the supplied belt clip for this product and when transmitting, take it out of the belt to ensure that the antenna is at least 1 inch (2.5 centimeters) from your body.

Use only the supplied antenna. Unauthorized antennas, modifications, or attachments could damage the transmitter and may violate FCC regulations.

TALKING AND LISTENING

Read this manual carefully before use.


Your radio has 14 channels. All radios in your group must be set to the same channel and CTCSS code in order to communicate.

- For maximum clarity, hold radios 5 to 7 centimeters from mouth.
- Press and hold  and speak into the microphone.
- To receive messages, release .

1. Call Tone Key

- Short press to send a single call tone
- Long press sends the call tone maximum 10 times, and returns to standby mode automatically.

2. PTT Key

- Push to transmit, release to listen
- Pressing  has 60 second limit
- In menu mode, push to confirm selection

3. MENU Key

- Long press to turn radio on or off
- Short press enters menu mode



- Press one time to enter MENU mode, press + or – to select RF channel.
- Press two times to enter CTCSS Code Setting mode, press + or – to set the CTCSS code.
- Press three times to enter CALL TONE Setting mode, press + or – to set the call tone.
- Press four times to enter SCAN mode, press + or – to set RF scan function ON or OFF.
- Press five times to enter KEY LOCK mode, press + or – to set key lock function ON or OFF.
- Press six times to enter MONITOR mode, press + or – to set volume high or low.
- Press seven times to exit the menu mode. It will be automatically exited the menu mode, if you have not pressed any key for several seconds when you in any mode.

4. LCD

5/6. +/- Key

- Increase/decrease volume (volume level flashes and v displays)
- In menu mode, increase/decrease channel/CTCSS code/call tone (channel/CTCSS code/call tone number flashes) or toggle selection Y/N



Battery meter



Channel display digit



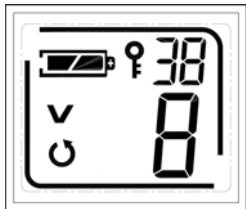
Interference Eliminator Code (CTCSS)



Volume control



Scanning





Keypad locked


Turning Your Radio On And Off

To turn on, press and hold MENU key. Press and hold MENU key until the display blank to turn off the radio.

Volume

When power up, press + or – key to adjust your volume.


Select Channel

1. Press MENU key. The channel number will begin to flash.
2. Use + or – key to change channel.
3. Press  key to set a new channel.

Channel	Freq (MHz)	Description	Channel	Freq (MHz)	Description
1	462.5625	FRS	8	467.5625	FRS
2	462.5875	FRS	9	467.5875	FRS
3	462.6125	FRS	10	467.6125	FRS
4	462.6375	FRS	11	467.6375	FRS
5	462.6625	FRS	12	467.6625	FRS
6	462.6875	FRS	13	467.6875	FRS
7	462.7125	FRS	14	467.7125	FRS



Select CTCSS Code


The radios must be of same channel and CTCSS code (you can disable the CTCSS code by setting it to 0) in order to communicate.

1. Press MENU key twice. The CTCSS code number will begin to flash.
2. Use + or – key to change CTCSS code.
3. Press  key to set new CTCSS code.

Scan

Use scanning to monitor channels for transmissions, or to find someone in your group who has accidentally changed channels.

1. Press MENU four times until scan icon  flashing and “Y” or “-” display.
2. Press either
 - + Until “Y” displays to turn scanning on.
 - Until “-” displays to turn scanning off.
3. Press  to confirm.

When the radio detects channel activity, it stops scanning and you can hear the transmission. Press  within 5 seconds to respond.






Scan Advance

If scan stops on a channel that you don't want to listen to, briefly press + or – key to resume

scanning for the next active channel.


Key Lock

Use key lock function to avoid accidentally changing the radio setting.

1. Press MENU five times until key lock icon  flashing and “Y” or “-” display.
2. Press either
 - + Until “Y” displays to turn key lock on.
 - Until “-” displays to turn key lock off.
3. Press  to confirm.
4. In key lock mode, +, - and MENU keys are all disabled. However, you can still use  and  to transmit voice or call tone.
5. To exit Key Lock, press and hold MENU until an exit tone rings and the icon  disappears.

Call Tone

A call tone alerts others you want to talk.

To send a call tone to other radios in your Group, press .

Your radio has 5 different call tones. To select between the 5 call tones:

1. Press MENU three times until a “C” displays on the upright;
2. Press + or - to change the call tone, “0” is no call tone.


3. Press  to confirm.

Monitor

Use monitor function to detect the activity of the channel you set.

To enter monitor function, press MENU six times.

You will hear a lot of noise if there is nobody using the current channel.

To exit the function, press MENU again or press .

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.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined

by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning:

Changes or modifications to this equipment not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Any adjustment to this equipment is recommended to be performed by or under the immediate supervision and responsibility of a person certified as technically qualified to perform transmitter maintenance and repair duties in the private land mobile services and fixed services by an organization or committee representative of users of those services.

Replacement of any transmitter component (crystal, semiconductor, etc.) for this equipment could result in violation of FCC rules.