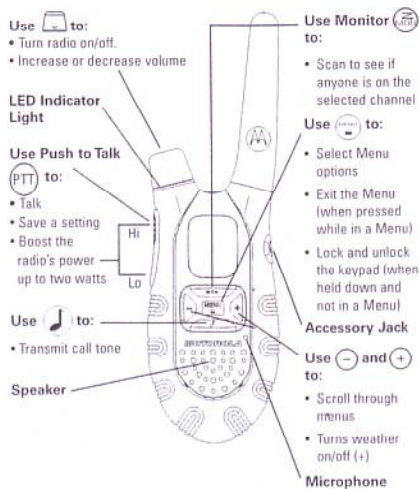


Two-Way Radio User's Guide



KEM-PK14190-06

Model SX700 series



Display Screen Guide



- Battery Meter	ON - On/Off for each feature
- Channel Indicator	- Vibrate
- Lock	- Scan
- Talk Confirmation Tone (Roger Beep)	- Call Tone, Keypad Tone
QT - Noise Filtering	- Weather Alert
	IVOX - Hands-Free Use Without Accessories

For More Information

For further information, you may call Motorola at 1-800-638-5119 (U.S. and Canada) or visit us on the Internet at <http://www.motorola.com>.

Safety and General Information

Important Information on Safe and Efficient Operation

Read This Information Before Using Your Radio.

The information provided in this document supersedes the general safety information in user guides published prior to December 1, 2002.

Transmit and Receive Procedure

Your two-way radio contains a transmitter and a receiver. To control your exposure and ensure compliance with the general population/uncontrolled environment exposure limits, always adhere to the following procedure:

- Transmit no more than 50% of the time.
- To receive calls, release the PTT button.
- To transmit (talk), press the Push to Talk (PTT) button.

Transmitting 50% of the time, or less, is important because the radio generates measurable RF energy exposure only when transmitting (in terms of measuring standards compliance).

Exposure to Radio Frequency Energy

Your Motorola two-way radio complies with the following RF energy exposure standards and guidelines:

- United States Federal Communications Commission, Code of Federal Regulations; 47CFR part 2 sub-part J
- American National Standards Institute (ANSI)/Institute of Electrical and Electronic Engineers (IEEE) C95.1-1992
- Institute of Electrical and Electronics Engineers (IEEE) C95.1-1999 Edition
- International Commission on Non-Ionizing Radiation Protection (ICNIRP) 1998

Getting Started

Installing the Batteries:

Your radio uses four AAA Alkaline batteries and beeps when the batteries are low.

- Turn the radio off.
- With the back of the radio facing you, lift the battery latch up to release the battery cover and remove the cover.
- Insert four AAA Alkaline batteries as shown on the inside of the battery compartment.
- Reposition the battery cover and press down to secure.

NOTE: The SX700 model radio can use a NiMH rechargeable battery instead of four AAA batteries.

Installing the NiMH Battery Pack:

- Follow step 2 above to remove the battery cover.
- Remove the battery pack from the clear plastic bag. **Do not disassemble or unwrap the battery pack.**
- Insert the NiMH battery pack so the "This Side Up" is showing.
- Reposition the battery cover and press down to secure.

Battery Meter

The battery icon shows the battery charge level, from full to empty . When the battery is empty, the radio chirps periodically after releasing PTT (Low Battery Alert). The radio powers off when the voltage drops below a predetermined level to protect the rechargeable battery.

Note: Remove the batteries before storing your radio for extended periods of time. Batteries corrode over time and may cause permanent damage to your radio.

Before using it for the first time. After the initial charge, an empty battery is fully charged within 14 hours.

- Follow the steps above to install a NiMH Battery Pack.
- Plug the AC power supply into the plug on the desk stand.
- Plug the AC power supply into a standard wall outlet.
- With a radio facing forward, slide it into one of the charging pockets.

Notes

- The light on the desk stand charger will glow continuously when radio/battery is inserted.
- When moving between hot and cold temperatures, do not charge the battery until the battery temperature acclimates (usually about 20 minutes).
- For optimal battery life, remove the radio or battery from the charger within 16 hours. Do not store the radio in the charger.
- Turn radio off while in charging tray.

Using the Belt Holster

Your radio includes a holster so you may carry it easily on your belt.

- Adjust the holster's clip so it fits onto your belt.
- Slide your radio into the holster.

Turning Your Radio On and Off

Turn clockwise to turn the radio on and counterclockwise to turn the radio off.

- The radio chirps and briefly shows all features icons available on your radio.
- The display then shows the current channel, code and features that are selected.

Setting the Volume

Press and hold while rotating until you reach a comfortable listening level.

- Rotate clockwise to increase the volume
- Rotate counterclockwise to decrease the volume.

Do not hold the radio close to your ear. If the volume is set to an uncomfortable level, it could hurt your ear.

Talking and Listening

To communicate, all radios in your group must be set to the same channel and Interference Eliminator Code.

- To talk, press and hold .
- When you are finished talking, release .

For maximum clarity, hold the radio two to three inches away from your mouth and speak directly into the microphone. Do not cover the microphone while talking.

Talk Range

Your radio is designed to maximize performance and improve transmission range. Do not use the radios closer than five feet apart.

Power Boost

To boost your radio's power up to two watts, press the top portion of the when talking. If you know your party is close by, you can conserve your battery's energy by pushing the lower part of the button to use less power.

Note: If you are on an FRS only channel (see channel and frequencies chart) the radio will only use 10 power when either portion of the is pressed.

Monitor Button

Pressing and holding for three seconds allows you to listen to the volume level of the radio when you are not receiving. This allows you to adjust the volume, if necessary. You can also press to check for activity on the current channel before you talk.

Push to Talk (PTT) Timeout Timer

To prevent accidental transmissions and save battery life, the radio emits a continuous warning tone and stops transmitting if you press PTT for 60 continuous seconds.

Initial Setup

Selecting the Channel

Your radios has 22 channels. Channels 8-14 are FRS 0.5 Watt only and all other channels are GMRS. When you press the bottom portion of the all channels are 5 Watts . If you press the top portion of the to boost the power GMRS channels will be 2 Watt .

Note: When on FRS only channel top or bottom press of will only be 0.5 Watt .

- With the radio on, press . The current channel flashes.
- Press or to set the channel.
- Press to save the channel setting or to continue set up.