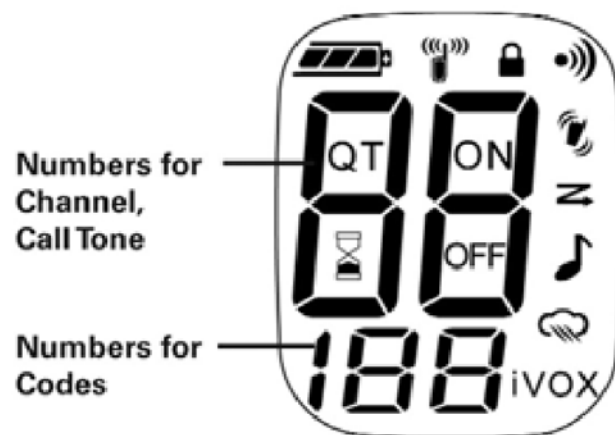


Display Screen Guide



 – Battery Meter

 – 2 watt Channel Indicator

 – .5 or 1 watt channel indicator (see Initial Set Up)

 – Lock

 – Call Tone Confirmation (Roger Beep)

QT – Noise Filtering

ON – On/Off for each feature
OFF

 – Vibrate

 – Scan

 – Call Tone, Keypad Tone

 – None function

iVOX – Hands-Free Use Without Accessories

Getting Started

Installing the Batteries:

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

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

NOTE: The SX720 model radio can use a NiMH rechargeable battery instead of four AAA batteries.

Installing the NiMH Battery Pack:

1. Follow step 1 and 2 above to remove the battery cover.
2. Remove the battery pack from the clear plastic bag. **Do not disassemble or unwrap the battery pack.**
3. Insert the NiMH battery pack so the "This Side Up" is showing.
4. 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 . 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.

Using the Desk Stand Charger (Optional Accessory)

The desk stand charger provides drop-in charging convenience for NiMH batteries and can be placed on any flat surface, such as a desk or workbench. Charge the NiMH battery overnight (at least 16 hours) before using it for the first time. After the initial charge, an empty battery is fully charged within 14 hours.

1. Follow the steps above to install a NiMH Battery Pack.
2. Plug the AC power supply into the plug on the desk stand.
3. Plug the AC power supply into a standard wall outlet.
4. Remove the battery pocket inserts from the charger pockets.
5. With a radio facing forward, slide it into one of the charging pockets.

Notes

- The light on the AC power supply 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.

1. Adjust the holster's clip so it fits onto your belt.
2. 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.

1. The radio chirps and briefly shows all features icons available on your radio.
2. 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.

1. Rotate  clockwise to increase the volume
2. 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.

1. To talk, press and hold .
2. 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  button 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 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 radio has 22 channels. Channels 1 – 7 and 15 – 22 are GMRS if you press the top portion of the  to boost the power). Channels 8 – 14 are FRS. When the radio is on a GMRS channel,  displays. When the radio is on a FRS channel,  displays.

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

Channels and Frequencies

Channel	Frequency	Description	Channel	Frequency	Description
1	462.5625 MHz	GMRS/FRS	12	467.6625 MHz	FRS
2	462.5875 MHz	GMRS/FRS	13	467.6875 MHz	FRS
3	462.6125 MHz	GMRS/FRS	14	467.7125 MHz	FRS
4	462.6375 MHz	GMRS/FRS	15	462.5500 MHz	GMRS
5	462.6625 MHz	GMRS/FRS	16	462.5750 MHz	GMRS
6	462.6875 MHz	GMRS/FRS	17	462.6000 MHz	GMRS
7	462.7125 MHz	GMRS/FRS	18	462.6250 MHz	GMRS
8	467.5625 MHz	FRS	19	462.6500 MHz	GMRS
9	467.5875 MHz	FRS	20	462.6750 MHz	GMRS
10	467.6125 MHz	FRS	21	462.7000 MHz	GMRS
11	467.6375 MHz	FRS	22	462.7250 MHz	GMRS

Interference Eliminator Code

Interference Eliminator Codes help minimize interference by providing you with a choice of code combinations. Your radio has 121 Interference Eliminator Codes. Codes 1 – 38 are the standard codes that appear on other FRS/GMRS radios. Codes 39 – 121 are additional codes added for superior interference protection.

To set the code for a channel:

1. Short press  until the code starts to flash.
2. Press  or  to select the code.
3. Press  to save the code setting or  to continue set up.

You can set a different code for each channel using this procedure. An extended press of + or – allows you to scroll through the Interference Code rapidly so you can quickly reach the code you want.

Note: You must set the Interference Eliminator Code to 0 on a radio that uses Interference Eliminator Codes to communicate with radios that do not have Interference Eliminator Codes. Select 0 for “no tone, no code” and OFF will flash on your radio’s display.

Setting and Transmitting Call Tones

Your radio can transmit different call tones to other radios in your group so you can alert them that you want to talk. You have 10 call tones from which to choose.

To set a call tone:

1. With the radio on, short press  until the current call tone setting flashes and  appears.
2. Press  or  to change and hear the call tone.
3. Press  to set the new call tone or  to continue set up.

To transmit your call tone to other radios set to the same channel and Interference Eliminator Code as your radio, press .

Note: Setting the call to 0 disables the call tone feature.

Hands-Free Use Without Accessories (iVOX)

You can use the iVOX feature to transmit, hands-free without the need for any voice activation accessories. Once iVOX is turned on, the radio detects your voice and transmits when you speak.

1. Short press  until iVOX appears on the display. The current setting On/Off will flash.
2. Press  or  to select On or Off.
3. Press  to set or  to continue set up.

Setting the Sensitivity Level When in VOX or iVOX Mode

Adjusting the radio’s sensitivity level helps minimize the possibility of unintended noises triggering a transmission and helps the radio pick up soft voices.

1. Short press  after setting iVOX. VOX will still appear.
2. Press  or  to select the sensitivity level.

3 = **High Sensitivity** for quiet environments

2 = **Medium Sensitivity** for most environments

1 = **Low Sensitivity** for noisy environments

Note: When you connect a VOX accessory, the radio is automatically set to the last chosen sensitivity level.

VibraCall® Alert

VibraCall is a vibrating alert that notifies you that your radio is receiving a message. This is useful in noisy environments. When the alert is on, the radio vibrates once every 30 seconds when you receive a message on the channel and code you set.

1. To turn vibrating alerts on, press  until  is displayed. The current setting will flash.
2. Press  or  to change the setting to Off/On.
3. Press  to set or  to continue set up.

QT Noise Filtering

The QT noise-filtering feature helps to ensure uninterrupted communication with other Motorola radios that have this feature. This feature filters out unwanted transmissions from other radios. This is useful in places where there is heavy radio traffic, such as amusement parks or ski resorts.

Note: QT noise filtering is not available when the radio is scanning.

To turn QT noise filtering on or off:

1. Short press  until QT displays. The current setting On/Off will flash.
2. Press  or  to turn noise filtering On or Off.
3. Press  to confirm your selection or  to continue set up.

To transmit to a radio that has QT noise filtering turned on:

1. Select the same channel and Interference Eliminator Code as the other radio.
2. Press  to send a call tone. This allows your voice to pass through the QT noise filter on the receiving radio.

3. Press  and speak normally.

Note: If you skip step 2, the beginning of your message may not be heard on the receiving radio. For a 320-second period, starting after the last transmission, all transmissions received on the selected channel and code will pass through the QT noise filter.

Keypad Tones

You may enable or disable the speaker key tones. You will hear the key tone each time a button is pushed.

1. Press  until  appears. The current setting On/Off will flash.
2. Press either  or  to turn On or Off.
3. Press  to confirm or  to continue set up.

When the Key Tone Feature is off, the following are not disabled:

- Transmit timeout alert tone;
- Power-down alert tone;
- Low battery alert tone; or
- The transmitted TCT tone.

Transmitting a Talk Confirmation Tone

You can set your radio to transmit a unique tone when you finish transmitting. It is like saying "Roger" or "Over" to let others know you are finished talking.

1. With the radio on, press  until the  appears. The current setting On/Off flashes.
2. Press  or  to turn On or Off.
3. Press  to set or  to continue set up.