

pxton PX-777S

pxton 777S Two-Way Radio Instruction Manual

Model: PX-777S

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective operation of your pxton 777S two-way radio. Please read this manual thoroughly before using the device and retain it for future reference.

Package Contents

Verify that all items listed below are included in your package:

- 6 x pxton 777S Two-Way Radios
- 6 x Charging Docks
- 6 x 1500mAh Lithium-Ion Batteries
- 6 x Belt Clips
- 6 x Earpieces
- 3 x User Manuals



Image 1.1: Package contents for the pxtion 777S two-way radio system.

2. PRODUCT OVERVIEW

Familiarize yourself with the components of your pxtion 777S two-way radio.



Image 2.1: Detailed view of the pxtion 777S radio components.

- **Integrated Sensitive Antenna:** For transmitting and receiving signals.
- **Flashlight:** Provides illumination.
- **LED Indicator:** Displays operational status (e.g., transmitting, receiving, low battery).
- **PTT Button (Push-To-Talk):** Press and hold to transmit, release to receive.
- **Clear Speaker:** For audio output.
- **Built-in Microphone:** For audio input during transmission.
- **Power Switch/Volume Control:** Rotate to turn the radio on/off and adjust volume.
- **Channel Switch:** Rotate to select desired communication channel.
- **SP/MIC Jacks:** For connecting external earpieces or microphones.
- **MONI Button (Monitor):** Used to temporarily disable squelch to listen for weak signals.
- **Flashlight Button:** Activates the LED flashlight.

3. SETUP

3.1 Charging the Battery

The pxtion 777S radio uses a 1500mAh Lithium-Ion battery. Before first use, fully charge the battery.

1. Insert the battery into the charging dock.
2. Connect the charging dock to a power outlet.
3. The LED indicator on the charger will show charging status (e.g., red for charging, green for fully charged).

4. A full charge typically takes 3-4 hours.

Long standby time

1500mAh

Li-ion Battery
MODEL:BL-1 5.55Wh
DC3.7V 1500mAh
Charge Limit Voltage 4.2V
CAUTIONS IN USE!
-Do not disassemble.
-Do not dispose of in fire.
-Do not change of charge battery in hazardous location.
-Do not short-circuit the terminals.
Must be recycled or disposed of properly.
Recycling facilities may not exist in all areas.
SR2335 MADE IN CHINA

5-7 Days
1-2 Days
8-12 Hours
3-4 Hours

Standby Time Typical Use Continuous Use Full Charging Time

Image 3.1: Battery specifications and charging indicators.

3.2 Attaching Accessories

Attach the belt clip and earpiece as needed.

- **Belt Clip:** Secure the belt clip to the back of the radio using the provided screws.
- **Earpiece:** Plug the earpiece connector into the SP/MIC jacks on the side of the radio.

3.3 Powering On/Off

Rotate the Power Switch/Volume Control knob clockwise to turn the radio on. Rotate it counter-clockwise until a click is heard to turn the radio off.

4. OPERATING INSTRUCTIONS

4.1 Channel Selection

Rotate the Channel Switch knob to select one of the 16 available channels. Ensure all radios intended for communication are set to the same channel.

4.2 Adjusting Volume

After powering on, rotate the Power Switch/Volume Control knob to adjust the listening volume to a comfortable level.

4.3 Transmitting and Receiving

- **To Transmit:** Press and hold the PTT button. Speak clearly into the microphone. The LED indicator will typically glow red.
- **To Receive:** Release the PTT button. The LED indicator will typically glow green when receiving a signal.

4.4 VOX Function (Voice Operated Exchange)

The VOX function allows hands-free transmission. When activated, the radio will automatically transmit when it detects your voice.

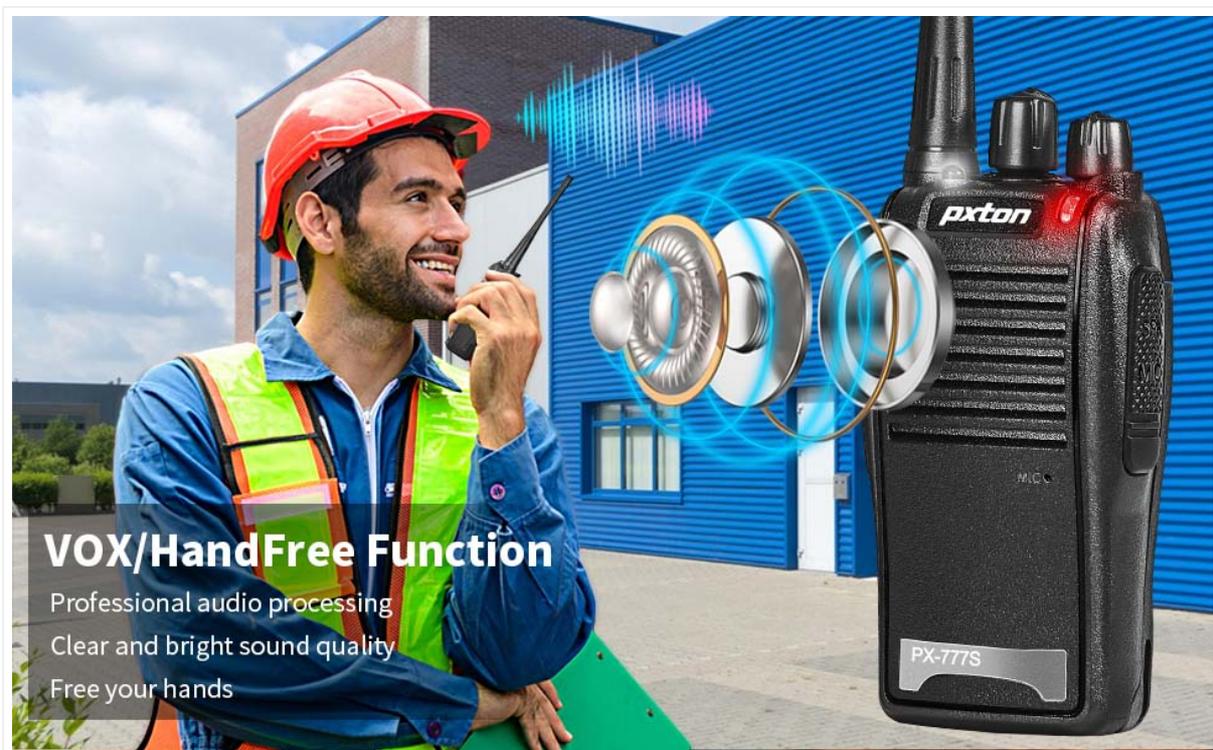


Image 4.1: VOX/Handfree function in use.

The pxtion 777S features 5 levels of VOX sensitivity adjustment. Refer to the full user manual for programming instructions to enable and adjust VOX sensitivity.

4.5 Scan Function

The scan function allows the radio to automatically scan through all programmed channels to detect active transmissions. Activate this feature via programming software (sold separately).

4.6 Flashlight

Press the Flashlight Button to turn the integrated LED flashlight on or off.



Image 4.2: Flashlight feature in operation.

4.7 Emergency Alarm

The radio includes an emergency alarm function. This feature can be activated via programming to emit an alert signal. Consult the full user manual for activation details.

4.8 Squelch Adjustment

The automatic squelch function suppresses weak signals and background noise. The radio automatically adjusts squelch levels. For monitoring weak signals, use the MONI button.

4.9 Privacy Codes (CTCSS/DCS)

The pxton 777S supports 165 privacy codes (50 CTCSS and 210 DCS) to help filter out unwanted conversations on the same channel. These codes must be set using programming software (sold separately) and matched on all radios in a group.

5. MAINTENANCE

5.1 Battery Care

- Always use the original pxton 1500mAh Lithium-Ion battery and charging dock.
- Avoid overcharging or completely draining the battery.
- Store batteries in a cool, dry place when not in use.
- Dispose of old batteries responsibly according to local regulations.

5.2 Cleaning

Clean the radio's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the radio is off and dry before use.

5.3 Storage

When storing the radio for extended periods, remove the battery. Store the radio and battery in a dry, dust-free environment at moderate temperatures.



Image 5.1: The pxtion 777S features a durable PC+ABS shell for enhanced longevity.

6. TROUBLESHOOTING

If you encounter issues with your pxtion 777S radio, refer to the following table for common problems and solutions.

Problem	Possible Cause	Solution
Radio does not power on	Low or dead battery; Incorrect battery installation	Charge the battery; Reinstall the battery correctly.
Cannot transmit or receive	Incorrect channel; Out of range; Low battery; Squelch too high	Ensure all radios are on the same channel; Move closer to other radios; Charge battery; Press MONI button to check for weak signals.
Poor audio quality	Weak signal; Obstructions; Volume too low/high	Move to an open area; Adjust volume; Check earpiece connection.
Short communication range	Environmental factors (buildings, terrain); Low battery	Move to an area with fewer obstructions; Ensure battery is fully charged.

7. SPECIFICATIONS

Technical specifications for the pxtion 777S two-way radio.

Feature	Detail
Model Number	PX-777S
FCC ID	2AX68GTR8
Frequency Range	UHF
Number of Channels	16

Feature	Detail
Privacy Codes	165 (50 CTCSS, 210 DCS)
Battery Type	1500mAh Lithium-Ion
Voltage	3.7 Volts (DC)
Charging Time	3-4 hours
Continuous Use Time	Up to 12 hours
Standby Time	Up to 120 hours (5-7 days)
Maximum Talking Range	Up to 3 miles (unobstructed)
Dimensions (Product)	9.9 x 6.6 x 6.9 inches (approximate package dimensions)
Item Weight	4.16 pounds (package weight)
Water Resistance Level	Water Resistant
Special Features	Battery Saver Mode, Emergency Alarm, Long Range, Noise Reduction, Rechargeable, VOX, TOT, Flashlight, Scan Function, Automatic Squelch

We tested the communication distance



Image 7.1: Communication range in various environments.

8. COMPATIBILITY

The pxtion PX-777S walkie-talkie is compatible with the PX-888S, PX-666S, and PX-888S Pro models. These models can operate together and utilize the same programming tools and cables. Programming cables are sold separately.

9. WARRANTY AND SUPPORT

9.1 Warranty Information

Your pxtion 777S two-way radio comes with a 30-day unconditional return policy and lifetime after-sales service. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact pxtion customer support through the retailer where the product was purchased or visit the official pxtion website.

