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Uniden SX307-3C

Uniden SX307-3C FRS 2-Way Radios Instruction Manual

Model: SX307-3C

INTRODUCTION

The Uniden SX307-3C FRS 2-Way Radio is a lightweight, palm-sized communication device designed for reliable contact in various environments. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your radios.

SX307-3C Two-Way Radios

- **22 CHANNELS**

Offers 7 FRS and 15 GMRS channels.

- **121 PRIVACY CODES**

- **5 CALL TONES**

- **NOAA WEATHER CHANNELS WITH ALERT**

Receive emergency/weather broadcasts from the NOAA National Weather Service.

- **ROGER BEEP**

- **BACKLIT DISPLAY**

- **RECHARGEABLE BATTERIES**

Rechargeable AA NiMH batteries.

- **MICRO USB CHARGE JACK WITH Y-CABLE**

Conveniently recharge via Micro USB cable included.

- **HEADSET JACK**

Connect with optional VOX headset boom microphone for private conversations (VOX headset not included).

- **VOX OPERATION**

- **CARABINER LOOP BELT CLIPS**



Compact and lightweight, the Uniden SX307-3C is perfect for hiking, biking, camping and other family excursions.



SX307-3C PACKAGE INCLUDES: (3) Radios, (3) Belt Clips, (9) AA NiMH Batteries (400 mA), (1) Y-split USB Cable, (1) Single USB Cable and Printed Materials.

Figure 1: Uniden SX307-3C FRS 2-Way Radios with included accessories.

KEY FEATURES

- **Up to 30-Mile Range:** Ideal for maintaining contact over long distances (actual range depends on terrain and conditions).
- **22 FRS Channels:** Provides ample communication options.
- **121 Privacy Codes:** Enhances communication privacy by filtering unwanted transmissions.
- **VOX Voice-Activated Control:** Allows for hands-free operation with an optional headset (not included).
- **5 Call Tones:** Differentiates between members of your group.
- **Roger Beep:** Indicates when a transmission is complete.

- **Backlit Display:** Improves visibility in low-light conditions.
- **Rechargeable AA NiMH Batteries:** Convenient and eco-friendly power source.
- **Micro USB Charge Jack with Y-Cable:** For convenient charging.
- **Headset Jack:** For private conversations with an optional VOX headset.
- **Carabiner Loop Belt Clips:** For easy portability.
- **Lightweight Design:** Easy to carry for extended periods.

SETUP

1. Battery Installation

1. Locate the battery compartment cover on the back of the radio.
2. Slide the cover downwards and remove it.
3. Insert the rechargeable AA NiMH batteries into the compartment, ensuring correct polarity (+/-).
4. Replace the battery compartment cover, sliding it upwards until it clicks securely into place.

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Figure 2: Battery installation for the Uniden SX307-3C radio.

2. Charging the Batteries

1. Connect the Micro USB Y-cable to the charging port on each radio.
2. Plug the USB end of the cable into a compatible USB power adapter (not included) or a powered USB port.
3. The charging indicator on the radio will illuminate to show charging status.
4. Allow sufficient time for a full charge before first use.



Figure 3: Uniden SX307-3C radios in charging cradles.

3. Attaching Belt Clips and Lanyards

1. Align the belt clip with the designated slots on the back of the radio and slide it into place until it locks.
2. For lanyard attachment, thread the lanyard through the carabiner loop located at the top of the radio.

OPERATING INSTRUCTIONS

1. Power On/Off and Volume

1. To power on the radio, rotate the top knob clockwise until you hear a click and the display illuminates.
2. To power off, rotate the knob counter-clockwise until it clicks off.
3. Adjust the volume by rotating the same knob.

2. Channel Selection

1. Press the **MENU** button to enter channel selection mode.
2. Use the **Up/Down** arrow buttons to select one of the 22 available FRS channels.
3. Press **MENU** again to confirm your selection.

3. Setting Privacy Codes (CTCSS/DCS)

1. After selecting a channel, press **MENU** twice to enter privacy code selection.
2. Use the **Up/Down** arrow buttons to select one of the 121 privacy codes.
3. Press **MENU** to confirm. Both radios must be on the same channel and privacy code to communicate privately.

4. Transmitting and Receiving (PTT)

1. To transmit, press and hold the **PTT (Push-to-Talk)** button located on the side of the radio.

2. Speak clearly into the microphone.
3. Release the **PTT** button to stop transmitting and listen for a response.

5. VOX (Voice-Activated Transmission)

1. VOX allows hands-free communication. To activate, press **MENU** multiple times until the VOX setting appears.
2. Use the **Up/Down** arrow buttons to select a VOX sensitivity level (higher numbers for lower sensitivity).
3. Press **MENU** to confirm. An optional headset is recommended for optimal VOX performance.

6. Call Tones and Roger Beep

- To send a call tone, briefly press the **CALL** button. There are 5 selectable call tones.
- The Roger Beep is an audible tone that sounds when you release the PTT button, signaling to other users that your transmission is complete. This feature can usually be toggled on/off via the menu.

7. NOAA Weather Channels with Alert

- The radios can receive emergency and weather broadcasts from the NOAA National Weather Service. Consult your radio's menu for specific instructions on accessing and setting up weather alerts.

8. Flashlight Function

- To activate the built-in flashlight, locate the dedicated **LAMP** button or a multi-function button that controls the light. Press and hold or press briefly as per the radio's interface.



SX307-3C Two-Way Radios



Two-Way is the Only Way to Always Stay in Touch.

Uniden FRS/GMRS Radios keep you in touch whether you are out camping, shopping, biking or caravanning on the highway. With 22 channels, there's always an open line for uninterrupted communications. And since the SX307-3C operates on industry-standard frequencies, you can easily communicate with people using other models or brands. You can even receive NOAA weather alerts to keep you ahead of foul weather. Rated at up to 30 miles, these two-way radios provide great range when there is a clear view between the radios. Your actual range may be limited by hills, buildings, trees, and other obstructions. So get out without losing touch. Uniden SX307-3C Two-Way Radios.



Backlit Display



Rechargeable Batteries



Channels/
Privacy Codes



5 Call Tones



Weather Alerts

Figure 4: Front panel of the Uniden SX307-3C radio.

MAINTENANCE

Battery Care

- Always use the specified rechargeable AA NiMH batteries and charging accessories.
- Do not expose batteries to high temperatures or dispose of them in fire.

- If the radio will not be used for an extended period, remove the batteries to prevent leakage.

Cleaning

- Clean the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the charging port cover is securely closed when not charging to maintain water resistance.

TROUBLESHOOTING

Problem	Possible Solution
No power	Check battery installation and charge level. Ensure batteries are correctly inserted and fully charged.
Cannot transmit or receive	Verify both radios are on the same channel and privacy code. Check battery level. Ensure you are within range.
Static or unclear audio	Move to an area with fewer obstructions. Adjust volume. Check for interference from other electronic devices.
Short range	Range is affected by terrain, weather, and obstructions. Try moving to higher ground or an open area.

SPECIFICATIONS

- **Model:** SX307-3C
- **Brand:** Uniden
- **Number of Channels:** 22 FRS Channels
- **Privacy Codes:** 121
- **Maximum Talking Range:** Up to 30 Miles (terrain and conditions dependent)
- **Frequency Range:** 300 MHz - 3 GHz
- **Power Source:** Rechargeable AA NiMH Batteries
- **Charging:** Micro USB Charge Jack with Y-Cable
- **Special Features:** VOX, 5 Call Tones, Roger Beep, NOAA Weather Alert, Backlit Display, Lightweight, Carabiner Loop Belt Clips
- **Water Resistance Level:** Water Resistant (IPX4)
- **Item Weight:** 1.32 pounds (for the 3-pack)
- **Package Dimensions:** 10.59 x 8.74 x 3.46 inches

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official Uniden website. Keep your proof of purchase for any warranty claims.

