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> [Eton Scorpion II Emergency Weather Radio & Flashlight User Manual \(Model NSP101WXGR\)](#)

## Eton NSP101WXGR

# Eton Scorpion II Emergency Weather Radio & Flashlight User Manual

Model: NSP101WXGR

## INTRODUCTION AND OVERVIEW

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The Eton Scorpion II is a rugged, multipowered portable emergency weather radio and flashlight designed for reliability in various conditions. This compact unit is an essential tool for outdoor activities and emergency preparedness, offering multiple ways to stay informed and powered.

Key features include AM/FM/NOAA weather bands for critical updates, a built-in LED flashlight for illumination, and a USB port for charging smartphones. Its robust exterior and aluminum carabiner ensure durability, while multiple power options provide continuous operation.

## SETUP

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Before initial use, it is recommended to fully charge the Scorpion II using the USB port. This ensures the internal 800 mAh Lithium Ion battery is ready for extended use.

- Initial Charge:** Connect the provided USB cable to the unit's USB input port and to a standard USB power source (e.g., computer, wall adapter). Allow several hours for a full charge.
- Antenna:** For optimal radio reception, extend the telescopic antenna fully.



Figure 1: Eton Scorpion II with extended antenna. The unit features a rugged casing and a digital display.

## OPERATING INSTRUCTIONS

### Power On/Off

Press and hold the **Power** button located on the unit to turn the radio on or off.

### Radio Tuning

Use the **Band** button to cycle through AM, FM, and NOAA weather bands. Use the **Tune +/-** buttons to manually adjust the frequency. The digital display will show the current frequency.

### Volume Control

Adjust the audio output level using the **Volume +/-** buttons.

### LED Flashlight & SOS

Press the **Flashlight** button to activate the built-in LED flashlight. Some models may include an SOS function, which can be activated by pressing and holding the flashlight button, causing the light to flash Morse code for distress.



Figure 2: The front of the Eton Scorpion II, highlighting the integrated LED flashlight.

### Smartphone Charging

The unit features a USB output port to charge compatible smartphones. Connect your smartphone's charging cable to the Scorpion II's USB output. Ensure the Scorpion II has sufficient charge for this function.





Figure 3: The Eton Scorpion II connected via USB to charge a smartphone, demonstrating its power bank capability.

## POWER SOURCES

The Eton Scorpion II offers multiple ways to power the unit and charge external devices:

- **Hand Crank:** Extend the hand crank handle and rotate it clockwise or counter-clockwise for manual power generation. Continuous cranking will charge the internal battery and power the radio.
- **Solar Panel:** Place the unit with its solar panel facing direct sunlight. The solar panel will slowly charge the internal battery. This method is ideal for maintaining charge over time or for trickle charging.
- **USB Charging:** Use the micro-USB input port to charge the internal battery from any standard USB power source. This is the fastest method for a full charge.



Figure 4: The Eton Scorpion II with its hand crank deployed, ready for manual power generation.



Figure 5: Side view of the Eton Scorpion II, highlighting the integrated solar panel for alternative charging.

## MAINTENANCE

To ensure the longevity and optimal performance of your Eton Scorpion II, follow these maintenance guidelines:

- **Cleaning:** Wipe the unit with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** For best battery life, fully charge the unit at least once every 3 months, even if not in use. Avoid completely draining the battery frequently.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Resistance:** The rugged exterior provides protection against splashes and dust, but the unit is not fully

waterproof. Avoid submerging it in water.

## TROUBLESHOOTING

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If you encounter issues with your Eton Scorpion II, refer to the following common troubleshooting steps:

- **No Power:** Ensure the unit is charged. Try hand cranking for a few minutes or connecting to a USB power source.
- **Poor Radio Reception:** Fully extend the telescopic antenna. Try repositioning the unit to a different location, especially near a window or outdoors.
- **Smartphone Not Charging:** Verify that the Scorpion II has sufficient battery charge. Ensure the smartphone's charging cable is securely connected to the unit's USB output port.
- **Flashlight Not Working:** Check if the unit is powered on and has battery charge. Press the flashlight button firmly.

## SPECIFICATIONS

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<b>Product Dimensions</b>	2.2 x 3.6 x 7.2 inches
<b>Item Weight</b>	10.6 ounces
<b>Item Model Number</b>	NSP101WXGR
<b>Batteries</b>	2 Lithium Ion batteries required (internal)
<b>Connectivity Technology</b>	USB
<b>Power Source</b>	Solar Powered, Hand Crank, USB
<b>Radio Bands Supported</b>	AM, FM, NOAA Weather
<b>Special Feature</b>	Portable, LED Flashlight, Smartphone Charger

## WHAT'S IN THE BOX

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- Eton Scorpion II Rugged Multipowered Portable Emergency Weather Radio & Flashlight Green
- USB Charging Cable

## WARRANTY AND SUPPORT

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For warranty information, technical support, or service inquiries, please refer to the documentation included with your product or visit the official Eton website. Keep your purchase receipt for warranty claims.