

Eton FRX3+

Eton American Red Cross FRX3+ Weather Alert Radio Instruction Manual

Model: FRX3+

INTRODUCTION

The Eton American Red Cross FRX3+ is an all-purpose rechargeable weather alert radio designed for emergency preparedness and outdoor activities. This manual provides essential information for operating, maintaining, and understanding the features of your FRX3+ radio.

KEY FEATURES

- AM/FM/NOAA Weather Band Digital Radio with display and alarm clock.
- Automatic emergency weather alerts via the "Alert" function.
- Multiple power sources: built-in rechargeable battery, solar panel, and hand turbine power generator.
- USB port for charging smartphones and other critical devices.
- Integrated LED flashlight and red flashing beacon for visibility.
- Glow-in-the-dark locator for easy finding in low light conditions.

COMPONENTS OVERVIEW

Familiarize yourself with the various parts of your FRX3+ radio:



QUEST	Product	FRX3+
2024	Release Date	2014
✓	AM/FM/SW/Weather	-
✓	Bluetooth	-
White and Red	Ambient Light	-
✓	Brighter flashlight	-
✓	SOS Siren and Light	
5-Way Power	Power Sources	4-Way Power
5200	Internal Battery Size	2600

Figure 1: Front view of the Eton American Red Cross FRX3+ radio, showing the digital display, speaker, and control buttons.

The front panel features the digital display, speaker, and control buttons for power, band selection, weather alerts, volume, and tuning. The side includes a bright LED flashlight, while the top houses a solar panel. The back of the unit has a retractable hand crank and a battery compartment.

POWERING THE RADIO

The FRX3+ offers multiple ways to ensure you always have power:

1. Internal Rechargeable Battery

The radio comes with a built-in rechargeable battery. Ensure it is charged before initial use.

2. Hand Crank Power

Extend the hand crank located on the back of the unit. Rotate the crank clockwise or counter-clockwise to generate power. Cranking for approximately 1 minute can provide several minutes of radio operation or emergency light.

SOLAR PANEL AND GLOW-IN-THE-DARK LOCATOR

This radio has a glow-in-the-dark locator so you can find it easily at night plus a LED flashlight and red flashing beacon for emergencies. Just sit back and let the sun do the work with the solar panel to operate the radio.



HAND CRANK AND SOLAR SOURCE OF POWER

Be red cross ready and in-charge of any disaster or calamity with this rechargeable emergency weather radio with hand cranked and solar back-up power! Don't go through life unprepared, have this weather alert radio by your side always.



STAY IN THE LOOP ALWAYS

The radio is equipped with an "Alert" function that can automatically broadcast any emergency weather alerts for your area. Keep it charged with a built in rechargeable battery with solar panel and hand crank back up.



CHARGE YOUR SMARTPHONE

This AM/FM/NOAA weather band digital radio serves as a renewable power source for your other critical devices as it features a USB port to simply "dump" charge. With a 2600 mAh battery, the FRX3+ provides a robust charge for most smartphones.

Figure 2: The FRX3+ radio with its hand crank extended, ready for manual power generation.

3. Solar Panel Charging

Place the radio with the solar panel facing direct sunlight. The solar panel provides supplemental power and helps maintain the battery charge. This method is ideal for trickle charging over longer periods.



BE ONE STEP AHEAD OF EMERGENCIES & DISASTERS!

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BE PREPARED & PROTECTED

Figure 3: The FRX3+ radio highlighting its integrated solar panel for charging and glow-in-the-dark locator.

4. USB Charging

Connect the supplied mini-USB cable to the radio's mini-USB port and to a USB power source (e.g., computer, wall adapter). This is the primary method for fully charging the internal battery.



Keep your family safe and sound with an all purpose weather radio that also has an alarm, flashlight and most importantly power for your phone.

Figure 4: The FRX3+ radio connected via USB to charge a smartphone, demonstrating its power bank capability.

OPERATING INSTRUCTIONS

1. Turning On/Off

Press the **Power** button to turn the radio on or off.

2. Radio Functions (AM/FM/NOAA)

Use the **Band** button to cycle through AM, FM, and NOAA weather bands. Use the **Tuning** knob to find desired stations. The digital display will show the frequency.

3. Weather Alert Function

Activate the "Alert" function to automatically receive emergency weather broadcasts for your area. The radio will switch to the weather band and sound an alarm when an alert is issued.

4. Flashlight and Red Flashing Beacon

Press the **Light** button to activate the integrated LED flashlight. Cycle through different modes (e.g., steady, red flashing beacon) by pressing the button repeatedly.

ADDITIONAL FEATURES

- Receives AM/FM (digital radio)
- All 7 NOAA/Environment Canada Weather band radio broadcast
- "Alert" function that broadcasts emergency weather alerts
- Hand turbine and solar power for backup recharging on the fly.
- USB smartphone charge with 2600 mAh
- Long-lasting LED flashlight
- One red LED flashing beacon
- DC power option (mini-USB cord included)
- AUX input to play music from external MP3 player
- Headphone output
- Glow in the dark locator
- Back-lit display and illuminated buttons for easy readability
- Alarm clock
- 2600mAh battery



Figure 5: The FRX3+ radio with its LED flashlight illuminated.

5. SOS Alarm

In an emergency, activate the SOS alarm for a loud siren and flashing red beacon to signal for help.

6. Charging External Devices

Connect your smartphone or other USB-powered device to the radio's USB output port using your device's charging cable. The radio's internal battery will provide power to charge the external device.

CARE AND MAINTENANCE

- To maintain optimal battery life, it is recommended to fully charge the internal battery every 3 months, even if not in regular use.
- Store the radio in a dry, cool place away from extreme temperatures.
- Clean the exterior with a soft, damp cloth. Avoid using harsh chemicals or abrasive cleaners.
- Ensure the solar panel is clean and unobstructed for efficient charging.

TROUBLESHOOTING

- **Poor Radio Reception:** Extend the telescopic antenna fully. Try repositioning the radio to improve signal strength.
- **Battery Not Charging:** Ensure the solar panel is in direct sunlight or the USB cable is securely connected to a working power source. If using the hand crank, ensure consistent rotation.
- **No Power:** Check the battery level indicator. If the battery is depleted, use the hand crank, solar panel, or USB charging to restore power.

TECHNICAL SPECIFICATIONS

Specification	Detail
Product Dimensions	7 x 2.6 x 5.75 inches (7"L x 2.6"W x 5.75"H)
Item Weight	14.9 ounces
Item Model Number	ARCFRX3+WXR
Power Source	Battery/Solar
Radio Bands Supported	7-Band (AM/FM/NOAA Weather Band)
Special Feature	Built-In Flashlight, Rechargeable
Connectivity Technology	USB

WHAT'S IN THE BOX

- Eton ARCFRX3+WXR All Hazard Radio

- Glow-in-The-Dark Locator
- Integrated Solar Panel
- Mini-USB Cable

OFFICIAL PRODUCT VIDEO

Video 1: An official product video from Eton demonstrating the American Red Cross Emergency NOAA Weather Radio (FRX3+).

SUPPORT

For further assistance or inquiries, please refer to the manufacturer's official support channels. Detailed contact information is typically provided in the product packaging or on the manufacturer's website.