

## Emgykit ca86f0dc-cb4a-4a59-b583-4716fcfa8650

# Emgykit R11 Portable Shortwave Radio

## User Instruction Manual

Model: R11 (ca86f0dc-cb4a-4a59-b583-4716fcfa8650)

### 1. INTRODUCTION

The Emgykit R11 Portable Shortwave Radio is a multi-functional device engineered for reliability and convenience in various environments, particularly during emergencies or outdoor activities. It integrates a wide range of features including multiple radio bands, a powerful power bank, a bright flashlight, and soothing white noise options. This manual will guide you through the proper use and care of your R11 radio.

### 2. PRODUCT OVERVIEW

#### Key Features

- **Multi-Band Radio:** Receives NOAA/AM/FM/SW bands for comprehensive signal reception.
- **Bluetooth 5.0 Connectivity:** Connects to external devices for audio playback.
- **High-Quality Speaker:** Built-in 5-watt magnetic speaker for clear sound.
- **Multiple Audio Inputs:** Supports USB drive, TF/Micro SD card, and 3.5mm headphone jack.
- **4000mAh Rechargeable Battery:** Provides extended operation time.
- **Versatile Charging Options:** Can be charged via Type-C USB, hand crank, or solar panel.
- **Emergency Features:** Includes 120LM flashlight, compass, and SOS alert function.
- **White Noise Mode:** Offers 7 natural white noises for relaxation and sleep.
- **Sleep Timer:** Adjustable 10-70 minute auto shut-off feature.

#### What's in the Box

- R11 Radio
- Type-C Cord

- User Manual
- Military Style Box
- Carrying Strap



Figure 2.1: Emgykit Portable Shortwave Radio with 4000mAh power bank feature, storage case, and charging cable.

# PACKAGE LIST



Figure 2.2: Contents of the Emgykit Portable Shortwave Radio package.

## 3. SETUP

### Charging the Radio

The R11 radio offers three primary methods for charging its internal 4000mAh battery:

1. **Type-C USB Charging:** For daily use, connect the provided Type-C cord to the radio's Type-C charging port and a compatible USB power adapter (not included). A full charge provides up to 32 hours of playback time.
2. **Hand Crank Charging:** In emergency situations or when external power is unavailable, extend the hand crank located on the side of the radio. Rotate the crank clockwise or counter-clockwise at a steady pace to generate power.
3. **Solar Panel Charging:** Position the radio with its solar panel facing direct sunlight. This method is ideal for maintaining battery charge or providing a trickle charge in outdoor settings.

The radio can also act as a mobile power source to charge external devices via its USB output port.

# 3 Ways To Charge



Figure 3.1: Three ways to charge the Emgykit R11 Radio.

## 4. OPERATING INSTRUCTIONS

### Power On/Off and Volume Control

- To power on the radio, rotate the volume knob clockwise. Rotate counter-clockwise to decrease volume and power off.

### Radio Tuning (AM/FM/WB/SW)

- Extend the built-in antenna for optimal reception.
- Use the mode selection switch to choose between FM, AM, WB (Weather Band), or SW (Shortwave) bands.
- Rotate the tuning knob to manually scan for stations. The digital display will show the frequency.
- For NOAA weather alerts, select the WB band. The radio will automatically alert you to severe weather conditions.

# Outdoor Flashlight



Figure 4.1: Radio signal reception across multiple bands.

## Bluetooth Speaker Function

- Switch the mode to 'BT' for Bluetooth. The radio will enter pairing mode.
- On your device, search for 'R11' in the Bluetooth settings and connect.
- The built-in 5-watt speaker provides clear audio for your music.

# 3 Ways To Connect

Bluetooth Connects to devices with a distance of up to 33ft



Figure 4.2: Dual internal magnetic speakers for high sound quality.

# Listen All World Sound

Pick up NOAA/AM/FM/SW bands



Figure 4.3: Connectivity options including Bluetooth, USB, and SD card.

## Additional Audio Playback

- **USB Drive/TF/Micro SD Card:** Insert a USB drive or a TF/Micro SD card into the respective slot. The radio will automatically detect and play audio files.
- **3.5mm Headphone Jack:** For private listening, plug standard 3.5mm headphones into the headphone jack.

## Flashlight and SOS Alarm

- **Flashlight:** Activate the 120LM flashlight by sliding the dedicated switch.
- **SOS Alarm:** In an emergency, activate the SOS alarm to emit a loud siren and flashing light to attract attention. Be mindful of the SOS toggle's proximity to the energy output switch.

# Dual Internal Magnetic Speakers

**5W**  
HIGHT SOUND QUALITY



Figure 4.4: The integrated 120LM flashlight.

## White Noise and Sleep Timer

- **White Noise:** Select the white noise mode to access 7 natural sounds designed to aid relaxation and sleep.
- **Sleep Timer:** Utilize the sleep timer function to set an automatic shut-off between 10 and 70 minutes, conserving battery life.

# White Noise Mode With 7 Natural Sound



Figure 4.5: White noise mode with 7 natural sounds.

## Compass

- The integrated compass provides basic directional guidance, useful for outdoor navigation.

## 5. MAINTENANCE

- **Cleaning:** Wipe the radio with a soft, dry cloth. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, ensure the battery is partially charged (around 50%) to prolong its lifespan.
- **Battery Care:** Regularly charge the battery, even if not in frequent use, to prevent deep discharge.
- **Antenna:** Handle the telescopic antenna with care to prevent bending or breakage.

## 6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Battery is depleted.	Charge the radio using Type-C USB, hand crank, or solar panel.
Poor radio reception.	Antenna not extended; weak signal area.	Fully extend the telescopic antenna. Try repositioning the radio or moving to an open area.
Bluetooth not connecting.	Radio not in Bluetooth mode; device too far; pairing issue.	Ensure radio is in 'BT' mode. Keep devices within 33ft. Restart both devices and try pairing again.
Flashlight not working.	Battery low; switch not fully engaged.	Charge the radio. Ensure the flashlight switch is fully slid to the ON position.
White noise sounds loop too quickly.	Intended design.	This is a characteristic of the white noise feature. Consider using Bluetooth to stream longer white noise tracks from an external device if preferred.

## 7. SPECIFICATIONS

Feature	Detail
Product Dimensions	3.15 x 2 x 5.02 inches (3.15"L x 2"W x 5.02"H)
Item Weight	1.17 pounds
Model Number	ca86f0dc-cb4a-4a59-b583-4716fcfa8650
Batteries	2 Lithium Ion batteries (included)
Brand	Emgykit
Color	Grey
Special Features	Built-In Flashlight, Portable, Rechargeable
Connectivity Technology	Bluetooth, USB
Tuner Technology	AM, FM
Power Source	Battery Powered
Radio Bands Supported	AM, FM, SW

## **8. WARRANTY AND SUPPORT**

For detailed warranty information, please refer to the 'Owner's Manual' included in your product package. This manual contains specific terms and conditions regarding product warranty and service.

For technical support, troubleshooting assistance beyond this manual, or to inquire about replacement parts, please visit the official Emgykit website or contact their customer service department. Contact information can typically be found in your Owner's Manual or on the product packaging.