

Rivins F22

Rivins F22 Rechargeable Walkie Talkies User Manual

Model: F22

INTRODUCTION

Welcome to your Rivins F22 FRS Walkie Talkies. This manual provides detailed instructions for the proper setup, operation, and maintenance of your device to ensure optimal performance and a reliable communication experience. Please read this manual thoroughly before using your walkie talkies.

WHAT'S IN THE BOX

The Rivins F22 Walkie Talkie package includes the following components:

- 2 x F22 FRS Walkie Talkies
- 2 x Belt Clips
- 2 x Hand Straps
- 2 x 1400mAh Rechargeable Batteries with Type-C Port
- 1 x 2-in-1 Type-C Charging Cable
- 1 x Instruction Manual



Image: All components included in the Rivins F22 Walkie Talkie package, neatly arranged.

PRODUCT OVERVIEW

Familiarize yourself with the physical components and display indicators of your Rivins F22 walkie talkie for effective operation.

Cruise ships

Hiking

Kids

Hotels

Outdoor activities

Motorhome

SUITABLE FOR MULTIPLE SCENARIOS

Image: This diagram illustrates the various parts of the Rivins F22 walkie talkie, including the antenna, flashlight, Push-to-Talk (PTT) button, Menu/Lock button, Power/Call button, Up/Down buttons, Scan button, Weather/Monitor button, Accessory Port, Type-C USB Charging Port, and Speaker. The display indicators include Channel Indicator, NOAA Weather Band Indicator, Scan Indicator, VOX Indicator, CTCSS/DCS Indicator, Battery Level, Emergency Alert, Transmit/Receive Status, Keypad Lock, and Volume Level.

SETUP

Battery Installation

The Rivins F22 walkie talkies are equipped with a 1400mAh rechargeable lithium battery. Ensure the battery is correctly installed before use.

1. Locate the battery compartment cover on the back of the walkie talkie.
2. Gently slide or lift the cover to open the compartment.
3. Insert the 1400mAh lithium battery, ensuring the contacts align correctly.
4. Close the battery compartment cover until it securely locks into place.

Rivins F22 Two-way Radio



22
Channels



Channel
Scan



Drop
Protection



121 Private
Channels



VOX



NOAA



Image: A close-up view of the Rivins F22 walkie talkie's rear, illustrating the process of inserting the rechargeable battery into its compartment.

Charging the Battery

For optimal performance, fully charge the battery before initial use. A complete charge typically takes approximately 2 hours.

1. Connect the provided Type-C charging cable to the charging port located on the side or bottom of the walkie talkie.
2. Connect the other end of the USB-C cable to a compatible USB power source (e.g., computer, car charger, wall adapter, power bank).
3. The battery indicator on the walkie talkie's display will show the charging status.
4. Once fully charged, disconnect the charging cable.

RECHARGEABLE WALKIE TALKIES

1400mAh Powerful Li-ion Battery



Type-C
Charging



Full
Charge 2H



Frequent Use
2-3 Days



Long Standby
Time 4-5 Days



Image: A Rivins F22 walkie talkie being charged via its USB-C port, connected to a wall adapter.

Rechargeable Many Times

Longer Battery Life

Easier Charging

Cost Saving

Safer

Ours

Li-ion Battery

Others

AAA Battery

VS

Convenient Lithium Batteries

Image: This graphic illustrates the versatility of the Rivins F22's Type-C charging, showing compatibility with computer chargers, car chargers, standard power outlet chargers, and portable power banks.

Attaching the Belt Clip and Hand Strap

The included belt clip and hand strap provide convenient carrying options.

1. To attach the belt clip, slide it into the designated slot on the back of the walkie talkie until it clicks securely into place. No screws are required.
2. To remove the belt clip, press the release tab (if present) and slide the clip off.
3. Thread the hand strap through the small loop located on the top or side of the walkie talkie for added security during use.



Image: A step-by-step visual guide demonstrating the easy installation of the belt clip onto the Rivins F22 walkie talkie.

OPERATING INSTRUCTIONS

Power On/Off

To power on or off your walkie talkie, press and hold the **Power/Call** button until the display illuminates or turns off.

Adjusting Volume

Use the **UP** and **DOWN** arrow buttons to increase or decrease the speaker volume to a comfortable listening level.

Selecting a Channel

Your Rivins F22 walkie talkie has 22 available channels.

1. Press the **MENU/LOCK** button once to enter channel selection mode. The channel number on the display will flash.
2. Use the **UP** and **DOWN** arrow buttons to select your desired channel (1-22).
3. Press **MENU/LOCK** again to confirm your selection and exit channel selection mode.

Transmitting and Receiving

To communicate with another walkie talkie, ensure both devices are on the same channel and privacy code.

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

microphone.

2. Release the **PTT** button to **receive** messages.

Setting Privacy Codes (CTCSS/DCS)

The F22 offers 155 privacy codes (CTCSS/DCS) to help reduce interference from other users on the same channel.

1. Press the **MENU/LOCK** button twice to enter CTCSS/DCS selection mode. The privacy code will flash.
2. Use the **UP** and **DOWN** arrow buttons to select your desired privacy code (1-155).
3. Press **MENU/LOCK** to confirm your selection.

ADVANCED FEATURES

NOAA Weather Alerts

The Rivins F22 can receive NOAA National Weather Service alerts, providing critical information on weather conditions and potential hazards.

1. To activate the NOAA Weather Alert function, press the **Weather/Monitor** button.
2. The radio will scan 12 NOAA channels in your area to provide real-time weather updates.
3. Press the **Weather/Monitor** button again to exit NOAA mode.



RECEIVE REAL-TIME DISASTER ALERTS



Hurricanes



Snowstorms



Floods



Mudslides



Wildfires



Earthquakes

Image: This graphic highlights the NOAA Weather Alert feature, showing its ability to provide real-time warnings for various natural disasters such as hurricanes, snowstorms, floods, mudslides, wildfires, and earthquakes, crucial for outdoor safety.

VOX (Voice Operated Exchange) Function

VOX allows for hands-free transmission, activating the microphone automatically when you speak.

1. Press the **MENU/LOCK** button repeatedly until "VOX" appears on the display.
2. Use the **UP** and **DOWN** arrow buttons to select a sensitivity level (1-3, where 3 is the most sensitive) or to turn VOX off.
3. Press **MENU/LOCK** to confirm your selection.

VOX HANDS-FREE

「No need to press PPT buttons & Crystal-clear audio」



Image: A construction worker is shown communicating hands-free using the walkie talkie, illustrating the convenience of the VOX function in busy environments.

LED Flashlight

The integrated LED flashlight provides convenient illumination.

1. To activate the flashlight, short press the **Flashlight/Emergency** button.
2. Short press the button again to turn off the flashlight.



Image: A person is shown using the walkie talkie's built-in LED flashlight at night while camping, demonstrating its utility in dark conditions.

Scan Function

The scan function allows you to monitor all active channels for conversations.

1. To activate the scan function, press the **SCAN** button. The radio will begin scanning through channels.
2. When an active channel is detected, the radio will pause on that channel.
3. Press the **SCAN** button again to stop scanning.

Communication Range

The effective communication range of the Rivins F22 walkie talkies varies depending on terrain and obstructions. In open areas, the range can be up to 2-3 miles. In built-up areas with obstructions, the range is typically 0.5-1 mile.

LONG RANGE WALKIE TALKIES

「Open areas 2-3 miles」

「Built-up areas 0.5-1 mile」



Image: This illustration visually represents the communication range of the walkie talkie, showing a longer range in open, rural areas (2-3 miles) compared to shorter ranges in urban, built-up environments (0.5-1 mile).

Official Product Video

Your browser does not support the video tag.

Video: An official video from Rivins Direct demonstrating the features and usage of the Rivins F22 walkie talkies, including their long-range capabilities and suitability for various activities.

MAINTENANCE

Battery Care

- Always charge the battery fully before its first use.
- Avoid completely draining the battery or overcharging it for extended periods to maximize its lifespan.
- If storing the walkie talkie for a long time, charge the battery to about 50% and store it in a cool, dry place.

Cleaning

- Wipe the exterior of the radio with a soft, slightly damp cloth.
- Do not use harsh chemicals, solvents, or abrasive cleaners, as these can damage the casing or internal components.
- Ensure the charging port and accessory port are kept clean and free of dust or debris.

Water Resistance

The Rivins F22 walkie talkie is **not water resistant**. To prevent damage, avoid exposing the device to rain, splashes, or submersion in water.

TROUBLESHOOTING

If you encounter issues with your Rivins F22 walkie talkies, refer to the table below for common problems and their solutions.

Problem	Possible Cause	Solution
No Power	Battery is low or not installed correctly.	Charge the battery fully. Ensure the battery is properly seated in the compartment.
Cannot Transmit or Receive	Radios are on different channels or privacy codes. Out of communication range.	Verify both radios are set to the same channel and privacy code. Move closer to the other radio.
Static or Poor Audio Quality	Weak signal, electromagnetic interference, or low battery.	Move to an open area with fewer obstructions. Change to a different channel. Charge the battery.
VOX Not Activating	VOX sensitivity level is too low or the feature is disabled.	Increase the VOX sensitivity level in the menu settings. Ensure VOX is enabled.
Keypad Locked	Keypad lock feature is active.	Press and hold the MENU/LOCK button until the lock icon disappears from the display.

SPECIFICATIONS

Below are the technical specifications for the Rivins F22 Rechargeable Walkie Talkies:

Feature	Detail
Brand	Rivins
Model	F22
Color	Orange
Number of Channels	22 FRS Channels
Privacy Codes	155 (CTCSS/DCS)
Frequency Range	462-467 MHz
Maximum Talking Range	Up to 3 miles (varies by terrain; 0.5-1 mile in built-up areas, 2-3 miles in open areas)
Battery Type	1400mAh Rechargeable Lithium-ion

Feature	Detail
Battery Life (Average)	Up to 96 hours (standby), 2-3 days (frequent use)
Charging Time	Approximately 2 hours for a full charge
Charging Port	USB-C
Special Features	NOAA Weather Alerts, VOX (Voice Operated Exchange), LED Flashlight, Scan Function
Water Resistance Level	Not Water Resistant
FCC ID	2AJGM-F22

WARRANTY AND SUPPORT

Warranty Information

Your Rivins F22 Walkie Talkie is covered by a **1-Year Warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting beyond this manual, or to inquire about warranty claims, please contact Rivins customer support. Refer to the product packaging or the official Rivins website for the most current contact information.

IMPORTANT SAFETY GUIDELINES

Please observe the following safety precautions to ensure safe and proper operation of your Rivins F22 walkie talkies:

- Do not operate the radio in environments with potentially explosive atmospheres (e.g., near flammable gas, dust particles, metallic powders).
- Do not attempt to modify or disassemble the radio. Unauthorized modifications can void your warranty and violate FCC regulations.
- Keep the radio away from medical devices such as pacemakers, as it may cause interference.
- Use only Rivins-approved batteries and charging accessories. Using unapproved accessories may cause damage or injury.
- Dispose of batteries responsibly according to local regulations. Do not incinerate batteries.
- Avoid exposing the radio to extreme temperatures, direct sunlight for extended periods, or high humidity.
- Keep the device out of reach of small children to prevent accidental ingestion of small parts.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question