

CRAFTSMAN®

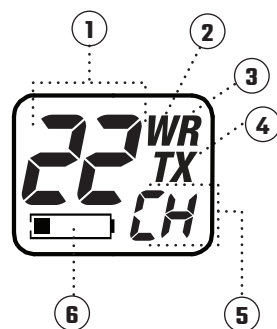
CMXZRAZF118

PMN:WALKIE TALKIE TWO-WAY RADIO

User guide

Printed in China
Part No. KEM-ML4340D
English

Backlit LCD Display



Features

- 22 Channels
 - Speaker/ Microphone/ Charge Jack
 - Battery/Power Saver
 - Keystroke Tones
 - Belt Clip
1. Channel Numbers
 2. Weather Icon
 3. Receive Icon
 4. Transmit Icon
 5. Channel/Volume Indicator
 6. Battery Low Icon

Before operating the radio, please read all safety and operating instructions. Save all instructions in a safe place for future reference.

Definitions: Safety Alert Symbols and Words

This instruction manual uses the following safety alert symbols and words to alert you to hazardous situations and your risk of personal injury or property damage.

- DANGER:** Indicates an imminently hazardous situation which, if not avoided, **will** result in death or serious injury.
- WARNING:** Indicates a potentially hazardous situation which, if not avoided, **could** result in death or serious injury.
- CAUTION:** Indicates a potentially hazardous situation which, if not avoided, **may** result in minor or moderate injury.
- (Used without word)** Indicates a safety related message.
- NOTICE:** Indicates a practice **not related to personal injury** which, if not avoided, **may** result in property damage.

- WARNING:** Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.
- WARNING:** Never modify the product or any part of it. Damage or personal injury could result.
- WARNING:** To reduce the risk of injury, read the user guide. If you have any questions or comments about this or any product, call CRAFTSMAN® toll free at: 1-888-331-4569.

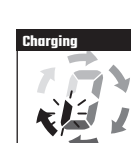
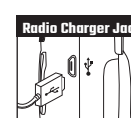
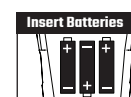
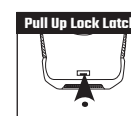
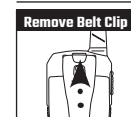
WARNING: Important Safety Instructions

- Only accessories included in this package or specified by the manufacturer should be used with the radio. The 5V micro-USB charging input is compatible with most high quality micro-USB chargers that fully conform to the USB standards.
- Do not use cleaners or solvents to clean the exterior of the radio. Use only a damp or dry cloth.
- Do not expose this product to splashing or dripping water.
- Do not attempt to service the receiver yourself. Removing the cover will void the warranty. Changes or modifications not expressly approved by Craftsman may void the user's authority granted by the FCC to operate this device and should not be made.

Caring for Your Radio

Your radio will give you years of trouble-free service if cared for properly. Handle the radio gently. Keep the radio away from dust. Never put the radio in water or in a damp place. Avoid exposure to extreme temperatures.

Installing Batteries



1. Check to see that the batteries have been inserted properly.
 2. Insert the cable into the charge jack located at the top of the radio.
 3. Plug the cable into USB-compatible power port.
- During charging, your radios will show one of the following:**
1. The low battery icon will flash to show charging action.
 2. The display will show circling icon to show charging action.
- Use only the supplied rechargeable batteries and charger for recharging your radio. Craftsman recommends your radio is turned off while being charged. Non-rechargeable alkaline batteries can also be used in your radio.

WARNING: Important Safety Instructions for Battery

Read All Instructions

- Do not incinerate the battery even if it is severely damaged or is completely worn out. The battery pack can explode in a fire.
- A small leakage of liquid from the battery cells may occur under extreme usage or temperature conditions. This does not indicate a failure. However, if the outer seal is broken and this leakage gets on your skin:
 - Wash quickly with soap and water.
 - Neutralize with a mild acid such as lemon juice or vinegar.
 - If battery liquid gets into your eyes, flush them with clean water for a minimum of 10 minutes and seek immediate medical attention. (Medical note: The liquid is 10-40% solution of Nickel hydroxide.)

Recycle Battery

This product uses Nickel Metal Hydride batteries.

Local, state or federal laws may prohibit disposal of batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options.



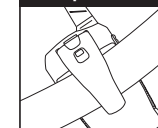
Introduction

Making Life Easier

Staying in touch with your family and friends is convenient and easy when using your radio. Some of the many uses you will discover include:

Communicating with others while hiking, biking, and working; keeping track of family and friends at a crowded public event; checking with travel companions in another car; talking with neighbors; arranging meeting spots with others while shopping at the mall.

Belt Clip



Secure your radio while on the go.

Carrying your radio with you is easy when using the belt clip or optional wrist strap.

The belt clip easily attaches to your belt, purse, or backpack.



Operation

Using Your Radio



Quick Start

- Press and hold the **Mode/Power** button to turn on your radio.
- Press once on the **Mode/Power** button to change channels. Use the **Up/Down** buttons to select a channel.
- Press and hold the **Talk** button while speaking into the microphone.
- When finished talking, release the **Talk** button and listen for a response.

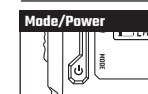


MODEL CMXZRAZF118:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Warnings: Replacement or substitution of transistors, regular diodes or other parts of a unique nature, with parts other than those recommended by Craftsman may cause a violation of the technical regulations of part 95 of the FCC rules, or violation of type acceptance requirements of part 2 of the rules.

Turning on Your Radio

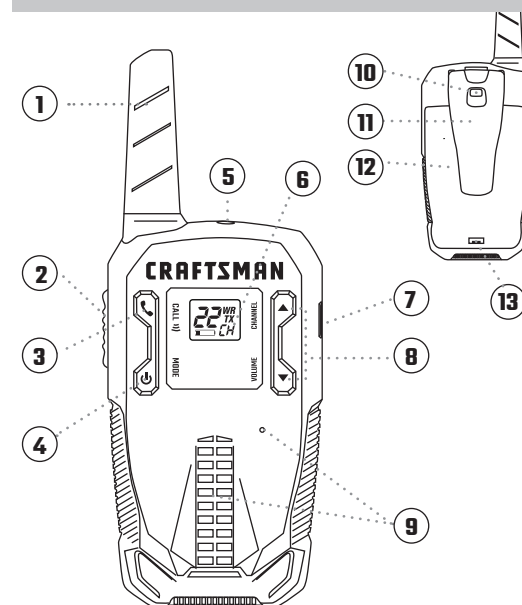


Press and hold the **Mode/Power** button until you hear a series of audible tones indicating the radio is on. Your radio is now in **Standby** mode, ready to receive transmissions. The radio is always in **Standby** mode except when the **Talk**, **Call** or **Mode/Power** buttons are pressed.



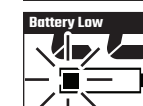
Introduction

Product Features



1. Antenna
2. **Talk** Button
3. **Call** Button
4. **Mode/Power** Button
5. External Speaker/ Microphone Jack
6. LCD Display
7. Charge Jack
8. **Up/Down** Buttons
9. Speaker/Microphone
10. Wrist Strap Connection
11. Belt Clip
12. Battery Compartment
13. Battery Door Latch

Battery Low

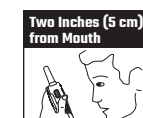


Icon blinks and an audible tone will be heard when battery power level is low.

Auto Battery Save

If there are no transmissions within 10 seconds, the radio will automatically switch to **Battery Save** mode. This will not affect the radio's ability to receive incoming transmissions.

Communicating with Another Person



1. Press and hold the **Talk** button.
 2. With the microphone about two inches (5 cm) from your mouth, speak in a normal voice.
 3. Release the **Talk** button when you are finished talking and listen for a response.
- You cannot receive incoming calls while pressing the **Talk** button.



Both radios must be tuned to the same channel to communicate.

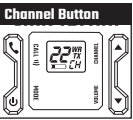
Using Your Radio (continued on back side)



Operation

Using Your Radio (continued)

To Select a Channel



Press once on the **Mode/Power** button to change channels.

The channel numbers (1 through 22) will blink when that mode is selected.

Use the **Up/Down** buttons to select a channel.



 Both radios must be tuned to the same channel to communicate.

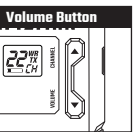
 See **page 10** for frequency allocations chart.

Listening for a Response



Release the **Talk** button to receive incoming transmissions. Your radio is always in **Standby** mode while the **Talk** or **Call** buttons are not pressed.

To Adjust Volume



Press the **Up** or **Down** button. “LE” is visible when adjusting volume.

A double beep sound is used to indicate the minimum and maximum volume levels (1 through 8).



chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

The applicant is responsible for providing proper instructions to the user of the radio device, and any usage restrictions, including limits of exposure durations. The user manual shall provide installation and operation instructions, as well as any special usage conditions, to ensure compliance with SAR and/or RF field strength limits. For instance, compliance distance shall be clearly stated in the user manual.

Radiation Exposure Statement:

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

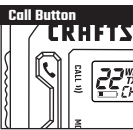
For Remote controller, SAR tests are conducted using standard operating positions accepted by the FCC/ISED with the device transmitting at its highest certified power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value.

Before a new model device is a available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC/ISED, Tests for each device are performed in positions and locations (e.g. at the ear and worn on the body) as required by the FCC/ISED.

For body worn operation, this model device has been tested and meets the FCC/ISED RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that Contains no metal and that positions the handset a minimum of 10 mm from the body.

Non-compliance with the above restrictions may result in violation of RF exposure guidelines.

Call Button



Press and release to alert others that you are calling.

This tone is used only to establish voice communications.

Range



Your range will vary depending on terrain and conditions. In flat, open country your radio will operate at maximum range.




Buildings and foliage in the path of the signal can reduce the range of the radio.



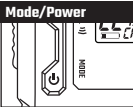
Dense foliage and hilly terrain will further reduce the range of the radio.

On FRS Channels 8 through 14, your radio automatically switches to low power, which will limit the range the radio can communicate.

 Maximum range may vary and is based on unobstructed line-of-sight communication under ideal conditions.

Weather Channels

You can use your radio to listen to Weather channels transmitting in your area.



1. Press twice on the **Mode/Power** button to enter the Weather Channels.

2. Use the **Up/Down** buttons to select the strongest weather channel in your area.

 Make sure the strongest Weather channel is selected for your area.



Warranty

Limited One-Year Warranty

Craftsman warrants to the original consumer purchaser only that this product and the component parts thereof, will be free from defects in workmanship and materials for a period of one year from the date of first consumer purchase. During this period, we will, repair or replace, at its sole option and discretion, this product or any defective parts. Our liability hereunder shall be limited to repair or replacement of the defective part or parts, and such correction shall constitute a fulfillment of all warranties hereunder.

This limited warranty is only valid for the original consumer purchaser in limited jurisdictions and is not transferrable. This limited warranty will automatically terminate prior to expiration if this product is sold or otherwise transferred to another party. The product must be purchased from Craftsman or an authorized dealer or the warranty is void. This limited warranty is valid only for products purchased and utilized in specific jurisdictions. Please visit our website at **CRAFTSMAN.com** for a list of jurisdictions wherein this limited warranty is valid.

This limited warranty does not cover damage due to misuse, abuse, negligence, acts of God, accident, commercial use or modification of, or to any part of this product. This warranty does not cover damage due to improper operation, maintenance or installation; ordinary wear and tear; or attempted alterations or repairs by anyone other than Craftsman or someone authorized by us to do warranty work. Any unauthorized alterations or repairs will void this warranty. This limited warranty does not cover product sold AS IS or WITH ALL FAULTS. This limited warranty is invalid if the factory applied serial number or date stamp has been altered, defaced or removed from this product. This limited warranty does not cover product purchased or utilized in a jurisdiction not covered.

The procedure for obtaining service and support, and the applicability of this warranty, will vary depending on the country or jurisdiction in which you purchase and utilize the product. For details on obtaining product service, support and other warranty information please visit **CRAFTSMAN.com**.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state and country to country.

EXCEPT AS EXPRESSLY SET FORTH IN THIS WARRANTY, WE MAKES NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. CRAFTSMAN EXPRESSLY DISCLAIMS ALL WARRANTIES NOT STATED IN THIS LIMITED WARRANTY. ANY IMPLIED WARRANTIES THAT MAY BE IMPOSED BY LAW ARE LIMITED TO THE TERMS OF THIS EXPRESSED WARRANTY.



Operation

General Specifications

Frequency Allocation

A = Channel No. for 22 Channel

B = Frequency in MHz

A	B
1	462.5625
2	462.5875
3	462.6125
4	462.6375
5	462.6625
6	462.6875
7	462.7125
8	462.5625
9	462.5875
10	462.6125
11	462.6375
12	462.6625
13	462.6875
14	462.7125
15	462.5500
16	462.5750
17	462.6000
18	462.6250
19	462.6500
20	462.6750
21	462.7000
22	462.7250

IMPORTANT NOTICE:

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) This device may not cause harmful interference, and 2) this device must accept any interference received,including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and

LIMITATION OF REMEDIES AND DAMAGES. REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER. WE SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO ATTORNEYS' FEES AND/OR COSTS OF LITIGATION, FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. CRAFTSMAN IS NOT LIABLE FOR ANY DAMAGES CAUSED BY THE PRODUCT OR BY THE PRODUCT TO PERFORM, INCLUDING ANY LOST PROFITS, LOST SAVINGS, INCIDENTAL DAMAGES, OR CONSEQUENTIAL DAMAGES. CRAFTSMAN IS NOT LIABLE FOR ANY CLAIM MADE BY A THIRD PARTY OR MADE BY YOU FOR A THIRD PARTY. THIS LIMITATION APPLIES WHETHER DAMAGES ARE SOUGHT, OR A CLAIM MADE, UNDER THIS WARRANTY OR AS A TORT CLAIM (INCLUDING NEGLIGENCE OR STRICT PRODUCT LIABILITY), A CONTRACT CLAIM, OR ANY OTHER CLAIM. THIS LIMITATION CANNOT BE WAIVED OR AMENDED BY ANY PERSON. THIS LIMITATION OF LIABILITY WILL BE EFFECTIVE EVEN IF CRAFTSMAN OR AN AUTHORIZED REPRESENTATIVE OF CRAFTSMAN HAS BEEN ADVISED BY YOU OF THE POSSIBILITY OF ANY SUCH DAMAGES.

Some states and countries do not allow limitations on how long an implied warranty lasts and do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state and country to country

Provided that the product was purchased from us itself or through its authorized reseller or agent and utilized in the U.S.A., we will, without charge, repair or replace, at its option, defective products, products or component parts upon delivery to the authorized Craftsman, accompanied by proof of the date of first customer purchase, such as a duplicated copy of a sales receipt.

You must pay any initial shipping charges required to ship the product for warranty service, but the return charges, to an address in the U.S.A, will be at our expense, if the product is under warranty.

For Products Purchased Outside the U.S.A.

Please contact your authorized local reseller or agent for warranty information.

used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Rearient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

• Consult the dealer or an experienced radio/TV technician for help.

Safety Information for Radios

Your wireless handheld portable transceiver contains a low power transmitter. When the talk button is pushed, it sends out radio frequency (RF) signals. The device is authorized to operate at a duty factor not to exceed 50%. In August 1996, the Federal Communications Commissions (FCC) adopted RF exposure guidelines with safety levels for handheld wireless devices

Important

FCC RF Exposure Requirements: For body-worn operation, this radio has been tested and meets the FCC RF exposure guidelines when used with Craftsman accessories supplied or designated for this product. Use of other accessories may not ensure compliance with FCC RF exposure guidelines. Use only the supplied antenna. Unauthorized antennas, modifications or attachments could damage the transmitter and may violate FCC regulations.

Normal Position

Hold the transmitter approximately 2 inches from your face and speak in a normal voice, with the antenna pointed up and away.

FCC Part 15.21 Warning Statement-

NOTE: THE GRANTEE IS NOT RESPONSIBLE FOR ANY CHANGES OR MODIFICATIONS NOT EXPRESSLY APPROVED BY THE PARTY RESPONSIBLE FOR COMPLIANCE. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

IC RSS-GEN

This device complies with ISED license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under ISED regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by ISED. To reduce potential radio interference to other users, the antenna type and its gain should be so



Customer Assistance

Product Service & Support

For any questions about operating this new Craftsman branded product, PLEASE CONTACT US FIRST... do not return this product to the retail store. The contact information for support will vary depending on the country in which you purchased and utilize the product.

To obtain warranty service or other information for products purchased from us or through its authorized reseller or agent and utilized in the U.S.A., please call our consumer support line at **(888) 331-4569**, or email us at **CRAFTSMAN.com**. You will receive instructions on how to ship the products at your expense to an our Authorized Service Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; and, most importantly; (c) your address and telephone number.

For further information needed on its features, please visit CRAFTSMAN.com for frequently asked questions and the electronic manual.



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