

WAVE PTX™

TWO-WAY RADIO

TLK 200 Portable Radio User Guide

MARCH 2026

© 2026 Motorola Solutions, Inc. All Rights Reserved.



MN011921A01-AA

Contents

Legal and Support.....	6
Intellectual Property and Regulatory Notices.....	6
Legal and Compliance Statements.....	7
Supplier's Declaration of Conformity.....	7
ISED WLAN Statement.....	8
Important Safety Information.....	8
Notice to Users (FCC and Innovation, Science and Economic Development Canada (ISED)).....	8
Warranty and Service Support.....	9
Batteries and Chargers Warranty.....	9
The Workmanship Warranty.....	9
The Capacity Warranty.....	9
Limited Warranty.....	9
MOTOROLA SOLUTIONS COMMUNICATION PRODUCTS.....	9
I. WHAT THIS WARRANTY COVERS AND FOR HOW LONG:.....	9
II. GENERAL PROVISIONS.....	10
III. STATE LAW RIGHTS:.....	10
IV. HOW TO GET WARRANTY SERVICE.....	10
V. WHAT THIS WARRANTY DOES NOT COVER.....	10
VI. PATENT AND SOFTWARE PROVISIONS.....	11
VII. GOVERNING LAW.....	11
Chapter 1: Read Me First.....	12
1.1 Software Version.....	13
Chapter 2: Radio Care.....	14
2.1 Cleaning and Disinfecting Your Radio.....	14
Cleaning Your Radio.....	14
Disinfecting Your Radio.....	15
Chapter 3: Radio Overview.....	16
3.1 Programmable Buttons.....	17
3.1.1 Assignable Radio Functions.....	17
Chapter 4: Getting Started.....	19
4.1 Inserting a SIM Card.....	19
4.2 Attaching the Battery.....	19
4.3 Charging the Battery.....	19
4.4 Attaching or Detaching the Antenna.....	20
Attaching the Antenna.....	20
Detaching the Antenna.....	20

4.5 Turning the Radio On or Off.....	20
4.6 Adjusting the Volume.....	21
4.7 Activating the Preconfigured Wi-Fi Access Point (PWAP).....	21
4.8 Selecting Talkgroups and Area Talkgroups.....	22
Chapter 5: Home Screen Overview.....	23
5.1 Status Indicators.....	23
5.1.1 Status Icons.....	23
5.1.2 Battery Capacity.....	25
5.1.3 Critical Charging Status.....	26
5.1.4 LED Indicators.....	26
Chapter 6: Types of Radio Calls.....	28
6.1 Making Calls on the Radio.....	29
6.2 Receiving and Responding to Calls.....	29
Chapter 7: Instant Personal Alert.....	31
7.1 Sending IPA.....	31
7.2 Receiving and Viewing IPA.....	31
7.3 Clearing IPA Status List.....	32
Chapter 8: Voice Operating Transmission.....	33
8.1 Enabling and Disabling Voice Operating Transmission.....	33
Enabling Voice Operating Transmission.....	33
Disabling Voice Operating Transmission.....	33
8.2 Making Calls with VOX.....	33
8.3 Receiving and Responding to Calls with VOX.....	34
Chapter 9: Emergency Operations.....	35
9.1 Declaring Emergency.....	35
9.2 Canceling Emergency.....	35
9.3 Receiving and Responding to Emergency Alerts.....	36
9.4 Receiving and Responding to Emergency Calls.....	36
9.5 Clearing Emergency Alert List.....	37
Chapter 10: Fall Alert.....	38
Chapter 11: Lone Worker.....	39
Chapter 12: Location.....	40
12.1 Turning Location On or Off.....	40
Turning Location On.....	40
Turning Location Off.....	40
Chapter 13: Noise Reduction.....	41
13.1 Turning Noise Reduction On or Off.....	41
Turning Noise Reduction On.....	41
Turning Noise Reduction Off.....	42

Chapter 14: Fast Scroll Talkgroup List.....	43
14.1 Accessing Fast Scroll Talkgroup List.....	43
Chapter 15: Contact List.....	44
15.1 Accessing Contact List.....	44
Chapter 16: Supervisory Override.....	45
Chapter 17: Menu.....	46
17.1 Accessing Menu.....	47
Chapter 18: Turning the Cellular On or Off.....	48
Turning the Cellular On.....	48
Turning the Cellular Off.....	48
Chapter 19: Turning the Wi-Fi On or Off.....	49
Turning the Wi-Fi On	49
Turning the Wi-Fi Off.....	49
Chapter 20: Turning DND On or Off.....	50
Turning DND On	50
Turning DND Off.....	50
Chapter 21: Turning Voice Announcement On or Off.....	51
Turning Voice Announcement On.....	51
Turning Voice Announcement Off.....	51
Chapter 22: Turning Alert Tones On or Off.....	52
Turning Alert Tones On.....	52
Turning Alert Tones Off.....	52
Chapter 23: Adjusting Display Brightness.....	53
Chapter 24: Bluetooth.....	54
24.1 Turning the Bluetooth On or Off.....	54
Turning the Bluetooth On.....	54
Turning the Bluetooth Off.....	54
24.2 Searching and Connecting to Bluetooth Devices.....	55
24.3 Clearing Bluetooth Pairing.....	55
24.4 Bluetooth Find Me.....	56
24.4.1 Turning the BT Find Me On.....	56
24.4.2 Turning the BT Find Me Off.....	56
Chapter 25: Scan.....	57
25.1 Turning Scan On or Off.....	57
Turning Scan On.....	57
Turning Scan Off.....	57
Chapter 26: Radio Stun.....	58
Chapter 27: Radio Kill.....	59

Chapter 28: User Disabled or Suspended.....	60
Chapter 29: Ambient Listening.....	61
Chapter 30: Keylock.....	62
30.1 Enabling Keylock.....	62
30.2 Disabling Keylock.....	62
Chapter 31: Mute Mode.....	63
31.1 Turning the Mute Mode On.....	63
31.2 Turning the Mute Mode Off.....	63
Chapter 32: Authorized Accessories List.....	64

Legal and Support

Intellectual Property and Regulatory Notices

Copyrights

The Motorola Solutions products described in this document may include copyrighted Motorola Solutions computer programs. Laws in the United States and other countries preserve for Motorola Solutions certain exclusive rights for copyrighted computer programs. Accordingly, any copyrighted Motorola Solutions computer programs contained in the Motorola Solutions products described in this document may not be copied or reproduced in any manner without the express written permission of Motorola Solutions.

No part of this document may be reproduced, transmitted, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, without the prior written permission of Motorola Solutions, Inc.

Trademarks

MOTOROLA, MOTO, MOTOROLA SOLUTIONS, and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners.

License Rights

The purchase of Motorola Solutions products shall not be deemed to grant either directly or by implication, estoppel or otherwise, any license under the copyrights, patents or patent applications of Motorola Solutions, except for the normal nonexclusive, royalty-free license to use that arises by operation of law in the sale of a product.

Open Source Content

This product may contain Open Source software used under license. Refer to the product installation media for full Open Source Legal Notices and Attribution content.

European Union (EU) and United Kingdom (UK) Waste of Electrical and Electronic Equipment (WEEE) Directive



The European Union's WEEE directive and the UK's WEEE regulation require that products sold into EU countries and the UK must have the crossed-out wheeled bin label on the product (or the package in some cases). As defined by the WEEE directive, this crossed-out wheeled bin label means that customers and end users in EU and UK countries should not dispose of electronic and electrical equipment or accessories in household waste.

Customers or end users in EU and UK countries should contact their local equipment supplier representative or service center for information about the waste collection system in their country.

Disclaimer

Please note that certain features, facilities, and capabilities described in this document may not be applicable to or licensed for use on a specific system, or may be dependent upon the characteristics of a specific mobile subscriber unit or configuration of certain parameters. Please refer to your Motorola Solutions contact for further information.

© 2026 Motorola Solutions, Inc. All Rights Reserved

Legal and Compliance Statements

Supplier's Declaration of Conformity

Supplier's Declaration of Conformity

Per FCC CFR 47 Part 2 Section 2.1077(a)



Responsible Party

Name: Motorola Solutions, Inc.

Address: 2000 Progress Pkwy, Schaumburg, IL. 60196

Phone Number: 1-800-927-2744

Hereby declares that the product:

Model Name: **TLK 200**

conforms to the following regulations:

FCC Part 15, subpart B, section 15.107(a), 15.107(d), and section 15.109(a)

Class B Digital Device

As a personal computer peripheral, 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 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:

- Reorient 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 or TV technician for help.

For country code selection usage (WLAN devices)



NOTE: The country code selection is for non-US model only and is not available to all US models. Per FCC regulation, all Wi-Fi products marketed in the US must be fixed to US operation channels only.

ISED WLAN Statement



CAUTION:

1. The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
2. For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250–5350 MHz and 5470–5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
3. For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725–5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate; and
4. Where applicable, antenna type(s), antenna model(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 shall be clearly indicated.

Important Safety Information

RF Energy Exposure Awareness and Control Information and Operational Instructions for Occupational Use



NOTE: This device is intended for use in occupational/controlled conditions where users are aware of their exposure and can exercise control over their exposure to meet the requirements in national and international regulations. This device is **not** authorized for general population, consumer use.

Any modification to this device, not expressly authorized by Motorola Solutions, may void the user's authority to operate this device.

For Japan, the device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range, except for transmission with 5.2 GHz High Power Data Communication System base Station or Relay Station.

Under Innovation, Science, and Economic Development Canada (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 chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This radio transmitter has been approved by Innovation, Science, and Economic Development Canada (ISED) to operate with Motorola Solutions-approved antenna with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Notice to Users (FCC and Innovation, Science and Economic Development Canada (ISED))

This device complies with Part 15 of the FCC rules and Innovation, Science and Economic Development Canada's license-exempt RSS's per the following conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.
- Changes or modifications made to this device, not expressly approved by Motorola Solutions, could void the authority of the user to operate this equipment.

Warranty and Service Support

Batteries and Chargers Warranty

The Workmanship Warranty

The workmanship warranty guarantees against defects in workmanship under normal use and service.

TLK 200Batteries	12 Months
------------------	-----------

The Capacity Warranty

The capacity warranty guarantees 80% of the rated capacity for the warranty duration.

Lithium-Ion (Li-Ion) Batteries	12 Months
--------------------------------	-----------

Limited Warranty

MOTOROLA SOLUTIONS COMMUNICATION PRODUCTS

I. WHAT THIS WARRANTY COVERS AND FOR HOW LONG:

Motorola Solutions, Inc. ("Motorola Solutions") warrants the Motorola Solutions manufactured Communication Products listed below ("Product") against defects in material and workmanship under normal use and service for a period of time from the date of purchase as scheduled below:

Portable Radio	1 Year
Product Accessories	1 Year

Motorola Solutions, at its option, will at no charge either repair the Product (with new or reconditioned parts), replace it (with a new or reconditioned Product), or refund the purchase price of the Product during the warranty period provided it is returned in accordance with the terms of this warranty. Replaced parts or boards are warranted for the balance of the original applicable warranty period. All replaced parts of Product shall become the property of Motorola Solutions.

This express limited warranty is extended by Motorola Solutions to the original end user purchaser only and is not assignable or transferable to any other party. This is the complete warranty for the Product manufactured by Motorola Solutions. Motorola Solutions assumes no obligations or liability for additions or modifications to this warranty unless made in writing and signed by an officer of Motorola Solutions.

Unless made in a separate agreement between Motorola Solutions and the original end user purchaser, Motorola Solutions does not warrant the installation, maintenance or service of the Product.

Motorola Solutions cannot be responsible in any way for any ancillary equipment not furnished by Motorola Solutions which is attached to or used in connection with the Product, or for operation of the Product with any ancillary equipment, and all such equipment is expressly excluded from this warranty. Because each system which may use the Product is unique, Motorola Solutions disclaims liability for range, coverage, or operation of the system as a whole under this warranty.

II. GENERAL PROVISIONS

This warranty sets forth the full extent of Motorola Solutions responsibilities regarding the Product. Repair, replacement or refund of the purchase price, at Motorola Solutions option, is the exclusive remedy. THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER EXPRESS WARRANTIES. IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY. IN NO EVENT SHALL MOTOROLA SOLUTIONS BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, FOR ANY LOSS OF USE, LOSS OF TIME, INCONVENIENCE, COMMERCIAL LOSS, LOST PROFITS OR SAVINGS OR OTHER INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE SUCH PRODUCT, TO THE FULL EXTENT SUCH MAY BE DISCLAIMED BY LAW.

III. STATE LAW RIGHTS:

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR LIMITATION ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION OR EXCLUSIONS MAY NOT APPLY.

This warranty gives specific legal rights, and there may be other rights which may vary from state to state.

IV. HOW TO GET WARRANTY SERVICE

You must provide proof of purchase (bearing the date of purchase and Product item serial number) in order to receive warranty service and, also, deliver or send the Product item, transportation and insurance prepaid, to an authorized warranty service location. Warranty service will be provided by Motorola Solutions through one of its authorized warranty service locations. If you first contact the company which sold you the Product (for example, dealer or communication service provider), it can facilitate your obtaining warranty service.

V. WHAT THIS WARRANTY DOES NOT COVER

1. Defects or damage resulting from use of the Product in other than its normal and customary manner.
2. Defects or damage from misuse, accident, water, or neglect.
3. Defects or damage from improper testing, operation, maintenance, installation, alteration, modification, or adjustment.
4. Breakage or damage to antennas unless caused directly by defects in material workmanship.
5. A Product subjected to unauthorized Product modifications, disassembles or repairs (including, without limitation, the addition to the Product of non-Motorola Solutions supplied equipment) which adversely affect performance of the Product or interfere with Motorola Solutions normal warranty inspection and testing of the Product to verify any warranty claim.
6. Product which has had the serial number removed or made illegible.
7. Rechargeable batteries if any of the seals on the battery enclosure of cells are broken or show evidence of tampering.
8. Rechargeable batteries if the damage or defect is caused by charging or using the battery in equipment or service other than the Product for which it is specified.
9. Freight costs to the repair depot.

10. A Product which, due to illegal or unauthorized alteration of the software/firmware in the Product, does not function in accordance with Motorola Solutions published specifications or the FCC certification labeling in effect for the Product at the time the Product was initially distributed from Motorola Solutions.
11. Scratches or other cosmetic damage to Product surfaces that does not affect the operation of the Product.
12. Normal and customary wear and tear.

VI. PATENT AND SOFTWARE PROVISIONS

Motorola Solutions will defend, at its own expense, any suit brought against the end user purchaser to the extent that it is based on a claim that the Product or parts infringe a United States patent, and Motorola Solutions will pay those costs and damages finally awarded against the end user purchaser in any such suit which are attributable to any such claim, but such defense and payments are conditioned on the following:

1. Motorola Solutions will be notified promptly in writing by such purchaser of any notice of such claim,
2. Motorola Solutions will have sole control of the defense of such suit and all negotiations for its settlement or compromise, and
3. Should the Product or parts become, or in Motorola Solutions opinion be likely to become, the subject of a claim of infringement of a United States patent, that such purchaser will permit Motorola Solutions, at its option and expense, either to procure for such purchaser the right to continue using the Product or parts or to replace or modify the same so that it becomes non-infringing or to grant such purchaser a credit for the Product or parts as depreciated and accept its return. The depreciation will be an equal amount per year over the lifetime of the Product or parts as established by Motorola Solutions.

Motorola Solutions will have no liability with respect to any claim of patent infringement which is based upon the combination of the Product or parts furnished hereunder with software, apparatus or devices not furnished by Motorola Solutions, nor will Motorola Solutions have any liability for the use of ancillary equipment or software not furnished by Motorola Solutions which is attached to or used in connection with the Product. The foregoing states the entire liability of Motorola Solutions with respect to infringement of patents by the Product or any parts thereof.

Laws in the United States and other countries preserve for Motorola Solutions certain exclusive rights for copyrighted Motorola Solutions software such as the exclusive rights to reproduce in copies and distribute copies of such Motorola Solutions software. Motorola Solutions software may be used in only the Product in which the software was originally embodied and such software in such Product may not be replaced, copied, distributed, modified in any way, or used to produce any derivative thereof. No other use including, without limitation, alteration, modification, reproduction, distribution, or reverse engineering of such Motorola Solutions software or exercise of rights in such Motorola Solutions software is permitted. No license is granted by implication, estoppel or otherwise under Motorola Solutions patent rights or copyrights.

VII. GOVERNING LAW

This Warranty is governed by the laws of the State of Illinois, U.S.A.

Chapter 1

Read Me First

This user guide covers the basic operations of the radio models offered in your region.

Notations Used in This Manual

Throughout the text in this publication, you notice the use of **Warning**, **Caution**, and **Notice**. These notations are used to emphasize that safety hazards exist, and the care that must be taken or observed.



WARNING: An operational procedure, practice, or condition, and so on, which may result in injury or death if not carefully observed.



CAUTION: An operational procedure, practice, or condition, and so on, which may result in damage to the equipment if not carefully observed.



NOTE: An operational procedure, practice, or condition, and so on, which is essential to emphasize.

Special Notations

The following special notations are used throughout the text to highlight certain information or items:

Table 1: Special Notations

Example	Description
Menu key or PTT button	Bold words indicate a name of a key, button, or soft menu item.
Your radio shows Bluetooth On.	Typewriter words indicate the MMI strings or messages displayed on your radio.
<required ID>	The courier, bold, italic, and angle brackets indicate user input.
Setup → Tone → All Tones	Bold words with the arrow in between indicate the navigation structure in the menu items.

Feature and Service Availability



NOTE:

Not all features in the manual are available on your radio. Some features vary by geographical region. Your dealer or administrator may also customize your radio for your specific needs. Contact your dealer or administrator for more information.

You can consult your dealer or system administrator about the following:

- What are the functions of each button?
- Which optional accessories may suit your needs?
- What are the best radio usage practices for effective communication?
- What maintenance procedures promote longer radio life?

1.1

Software Version

All the features described in the following sections are supported by the software version:

BASE_USR_R01.00.03_APP_R01.07.02 or later.

Contact your dealer or administrator for more information.

Chapter 2

Radio Care

This section describes the basic handling precaution of your radio.

Table 2: IP Specification

IP Specification	Description
IP67	Allows your radio to withstand adverse field conditions such as being submersed in water between 15 cm and 1 m for 30 minutes or dust tight for 2–8 hours.

- If your radio has been submerged in water, shake your radio well to remove any water that may be trapped inside the speaker grille and microphone port. Trapped water could cause decreased audio performance.
- Never poke the vent (hole) located on the radio back casing on top of the battery compartment. This vent allows for pressure equalization in the radio. Doing so can create a leak path into your radio, and your radio's submersibility can be lost.
- Never obstruct or cover the vent, even with a label.
- Ensure that no oily substances come in contact with the vent.
- Your radio with antenna attached properly is designed to be submersible to a maximum depth of 1 m (3.28 ft) and a maximum submersion time of 30 minutes. Exceeding either maximum limit or use without antenna can result in damage to your radio.
- When cleaning your radio, do not use a high-pressure jet spray on radio as this will exceed the 1 m depth pressure and can cause water to leak into your radio.

2.1

Cleaning and Disinfecting Your Radio



NOTE: Ensure the battery cover and dust cover are properly attached to the radio during cleaning and disinfecting task.

Cleaning Your Radio

Prerequisites: Ensure that you have the following items:

- Gloves or other PPE as applicable
- Detergent
- Water
- Dish cloths
- Stiff, non-metallic, and short bristled brush
- Soft, absorbent, and lint-free cloths

Procedure:

1. Mix a 0.5 % detergent-water solution.
2. Apply the detergent-water solution with a dish cloth and wipe down and clean your radio.

3. Using a stiff, non-metallic, and short bristled brush, remove any loose dirt from your radio.
4. Using a soft, absorbent, and lint-free cloths, wipe away the solution and dry your radio.
5. Ensure that there are no solutions left in or near any connectors, cracks, or crevices.

Disinfecting Your Radio

Prerequisites: Ensure that you have the following items:

- Gloves or other PPE as applicable
- Over-the-counter isopropyl alcohol (rubbing alcohol) with at least 70% alcohol concentration
- Dish cloths
- Soft, absorbent, and lint-free cloths

Procedure:

Apply the rubbing alcohol to a dish cloth and wipe down your radio.



NOTE:

Never apply alcohol directly to your radio.

The effects of certain chemicals and their vapors can have detrimental effects on plastics and the metal platings.

Do not use bleach, solvents, or cleaning sprays to cleanse or disinfect your radio.

For more information on recommended cleaning and disinfecting guidelines, refer to <https://youtu.be/cYjxoUNCXZo>.

Chapter 3

Radio Overview

This chapter explains the buttons and default functions of your radio.



Table 3: Radio Overview

Label	Name	Description
1	Emergency Button	To turn the Emergency Operations on and off.
2	Talkgroup Scroll Rocker	Press: Scroll to the next talkgroup in the list. Press and hold: If there are more than 16 talkgroups, fast scroll is enabled.
3	LED Status Indicator	Red, green, and amber light-emitting diodes indicate operating status.

Label	Name	Description
4	Power button	Press: Return to the Home Screen from the Menu mode. Press and hold: Turn the radio on and off.
5	Push-to-Talk (PTT) button	Press or press and hold to execute voice operations.
6	Menu/Programmable button	Press: Access Menu mode.  NOTE: This is the default setting for your radio. You can program the press Menu/Programmable button to access the programmable function. Press and hold: Access Programmable Function.
7	Volume Up and Volume Down buttons	Increase and decrease the volume level.
8	Charging Contacts	For charging purposes.
9	Microphone	The microphone captures audio that is transmitted whenever PTT or other voice operations are activated.
10	Speaker	Outputs all tones and audio that are generated by the radio.
11	Liquid Crystal Display (LCD)	132 x 36 display resolution provides visual information about many radio features.
12	Audio Accessory Port	To attach accessories.
13	USB-C Port	For charging purposes.

3.1

Programmable Buttons

You can program the programmable buttons as shortcuts to specific radio functions through the WAVE PTX portal.

Depending on the duration of a button press, the programmable buttons function differently.

3.1.1

Assignable Radio Functions

The following radio functions can be assigned to the programmable buttons by your dealer.



NOTE: Not all programmable radio functions are listed in the following list. Refer to the portal for more information.

Alert Tones

Allows you to toggle the Alert Tones on and off.

Bluetooth

Allows you to toggle the Bluetooth on and off.

Cellular

Allows you to toggle the Cellular on and off.

Contact List

Allows you to directly access the Contact List.

Do Not Disturb (DND)

Allows you to toggle DND on and off.

Keylock

Allows you to toggle between lock and unlock.

Location

Allows you to toggle the Location on and off.

Menu

Allows you to access the menu features.

Noise Reduction

Allows you to toggle the Noise Reduction on and off.

Scan

Allows you to toggle the Scan on and off.

Voice Announcements

Allows you to toggle Voice Announcements on and off.

Voice Operating Transmission (VOX)

Allows you to toggle VOX on and off.

Wi-Fi

Allows you to toggle the Wi-Fi on and off.

Chapter 4

Getting Started

This section helps you to get familiar with the basic operations of the radio.

4.1

Inserting a SIM Card

Prerequisites: Turn off your radio.

Procedure:

1. Remove the battery.
2. Lift the SIM card slot cover.
3. With the contacts facing down, align the card notched end first and slide the SIM card into the slot.



NOTE:

You can insert the SIM card as instructed whether your radio model is embedded SIM or SIM free. At any time, peeling off the radio label on the embedded SIM radio model voids the warranty and violation of in-country type approval.

4.2

Attaching the Battery

Procedure:

1. Align the battery contacts with the contacts inside the battery compartment.
 - a. Insert the contact side of the battery first.
 - b. Gently push the battery into place.
2. Attach the battery cover by aligning it in place and press it until it snaps into place.
3. Slide the battery latch into lock position.

4.3

Charging the Battery

Your radio is powered by a Lithium-Ion (Li-Ion) battery.

Prerequisites: It is recommended to turn off your radio when charging.

Procedure:

- To comply with warranty terms and avoid damages, charge the battery using a Motorola Solutions charger.
- Charge a new battery 4 to 5 hours before initial use for best performance.

Batteries charge best at room temperature.



NOTE:

- It is recommended to use Motorola Solutions chargers to charge your radio.
- All Motorola Solutions chargers can charge only Motorola Solutions authorized batteries.
- The device displays an alert for charging errors and invalid battery. See [Critical Charging Status on page 26](#).



WARNING: Any third party charger might be incompatible and may cause undesired behavior.

4.4

Attaching or Detaching the Antenna

Attaching the Antenna

Procedure:

1. Set the antenna in the receptacle.
2. Turn the antenna clockwise.



CAUTION: To prevent damages, only use the [authorized antenna](#) for your TLK 200.

Detaching the Antenna

Procedure:

1. Turn the antenna counterclockwise.
2. Remove the antenna from the receptacle.

4.5

Turning the Radio On or Off

Procedure:

Press and hold the **Power** button.

Result:

If your radio turns on, your radio shows the following indications:

- The green LED illuminates.
- The home screen lights up.

If your radio turns off, your radio shows the following indications:

- A tone sounds.
- The display shows `Powering off`

4.6

Adjusting the Volume

Procedure:

Perform one of the following actions:

- To increase the volume level, press the **Volume Up** button.
- To decrease the volume level, press the **Volume Down** button.



NOTE:

The maximum volume level through the internal speaker or a wired accessory is 10. The maximum volume is increased to 15 if a Bluetooth accessory is attached.

4.7

Activating the Preconfigured Wi-Fi Access Point (PWAP)

This feature provides a temporary Wi-Fi connection for the radio to download the configurations from the portal. Instead of the manual configuration through the Maintenance Mode Web Server, you can use the preconfigured Wi-Fi access point for initial Wi-Fi connection.

Prerequisites:

Ensure your Wi-Fi connection is turned on, and your radio is in the User Mode and has no internet connection.



NOTE: The following are the preconfigured Wi-Fi Access Point settings supported by the radio.

SSID	Password
WaveRadio	RadioManagement

Procedure:

To connect to the PWAP, press the **Menu/ Programmable** button and **Volume Up** button simultaneously.

If the radio successfully connects to the PWAP, your radio shows the following indications:

- A positive tone sounds.
- The display shows PWAP for 2 seconds.

Result:

Radio downloads the provisioned Wi-Fi Settings from the server and overwrites the preconfigured Wi-Fi setting.



NOTE: The preconfigured Wi-Fi setting is cleared when the radio is rebooted or when the Wi-Fi is disabled.

4.8

Selecting Talkgroups and Area Talkgroups

Procedure:

From the Home screen, perform one of the following actions:

Option	Actions
Selecting the previous or next talkgroup	Press Talkgroup Scroll Rocker .
Fast scrolling the talkgroup list	Press and hold Talkgroup Scroll Rocker until you reach the required talkgroup.
Selecting the required area talkgroup	a. By using the Talkgroup Scroll Rocker, scroll past the talkgroup list or beginning of the talkgroup list. b. At the area talkgroup list, select the required area talkgroup.  NOTE: If you scroll past the talkgroup list, the area talkgroup list is arranged alphabetically. If you scroll past the beginning of the talkgroup list, the area talkgroup is arranged in a reverse alphabetical order.

Result:

If you have reached the end of the talkgroup and area talkgroup list, and enter the beginning of the list again, your radio shows the following indications:

- A tone sounds.
- The display shows the first talkgroup.

If selecting a talkgroup or an area talkgroup is unsuccessful, your radio shows the following indications:

- A negative indicator tone sounds.
- The display shows the previous talkgroup.
- The voice announcement sounds.

Chapter 5

Home Screen Overview



Table 4: Home Screen Overview

Label	Name	Description
1	Status Bar	Status icons appear in the status bar to provide your radio status and feature notifications.
2	Alphanumeric Display ¹	Displays Talkgroup errors, trunking statuses, and call states. Supports the following screen patterns: • Static • Scroll In • Alternate

5.1

Status Indicators

Status Indicators explain the Icons, battery capacity information, and LED indicators used in your radio.

5.1.1

Status Icons

These icons appear at the status bar to provide radio-specific information or status.

Icon	Name	Description
 to 	Cellular Network Strength	Your radio is connected to a cellular network. The number of bars represents the signal strength of the cellular network.

¹ This product is equipped with RICOH Bitmap Font which is produced and sold by RICOH Industrial Solutions Inc.

Icon	Name	Description
	Cellular Network Connection Error	Cellular Network connection is experiencing error.
	Cellular Network Not Connected	Your radio is not connected to a cellular network.
	SIM Status	SIM card is not inserted or detected.
	Wi-Fi Network Strength	Your radio is connected to a Wi-Fi network. The number of bars represents the signal strength of the Wi-Fi network.
	Wi-Fi Network Connection Error	Wi-Fi Network connection is experiencing error.
	Wi-Fi Network Not Connected	Your radio is not connected to a Wi-Fi network.
	Emergency	Your radio is in Emergency mode.
	Instant Personal Alert (IPA)	Your radio is receiving Instant Personal Alert (IPA).
	Geofence	Your radio is currently inside a geofenced area when the display shows the geofence icon.
	Do Not Disturb (DND)	Your radio is in Do Not Disturb (DND) status.
	Area Based Talkgroup	Area Based Talkgroup feature is enabled.
	Scan	Scan feature is enabled.
	Mute	Mute is enabled and speaker is muted.
	Bluetooth	The Bluetooth feature is enabled. A dot appears next to Bluetooth icon when a remote Bluetooth device is connected.

Icon	Name	Description
		
	Location	Location is enabled and its signal is available.
	Software Status	Software is available when the display shows a check mark icon. Your radio is downloading software when the display shows a downward arrow icon.
		
	Diagnostics Log Status	Logs are available when the display shows a check mark icon. Your radio is currently uploading logs when the display shows an upward arrow.
		
	Voice Operating Transmission (VOX)	Voice Operating Transmission (VOX) feature is enabled.
	Fall Alert/Lone Worker	Fall Alert/Lone Worker feature is enabled.
	Language Change	Your radio is switching the language.
	Battery Status	The number of bars shown indicates the charge remaining in the battery.
to 		
	Battery Charge	Battery is charging when lightning icon displayed.

5.1.2

Battery Capacity

The following table provides the battery capacity information of your radio. The LED illuminates only if the radio is charging.

Table 5: Battery Capacity

Icon	LED Indication	Voice Announcement	Description
	● Solid green	—	Charging Complete
	● Solid red		Battery charging

Icon	LED Indication	Voice Announcement	Description
	● Solid red	"Battery high"	78%–100% capacity charging
	● Solid red	"Battery high"	54%–78% capacity charging
	● Solid red	"Battery medium"	30%–54% capacity charging
	● Blinking red, then solid red	"Battery low"	18%–30% capacity charging
	● Blinking red, then solid red	"Battery very low"	0%–18% capacity charging

5.1.3

Critical Charging Status

Table 6: Critical Charging Status

Icon	LED Indication	Voice Announcement	Description
	● Solid red	"Battery very low"	Indicates radio battery is critically low.
	● Solid red	"Invalid Battery"	Indicates invalid radio battery.
	● Continuous fast blinking red	"Charging Error"	Indicates a charging error.

5.1.4

LED Indicators

The LED Indicators show the operational status of your radio.

Table 7: LED Indications

Indication	Status
Solid Red	- Indicates the following radio battery levels during charging: - High - Medium - Low - Indicates invalid radio battery during charging.
Blinking Red	The radio has moved out of range and receives no network connection.

Indication	Status
	• The radio is in Fall Alert mode. • The radio is in Lone Worker respond duration. • The user account is disabled or suspended. • Indicates radio battery level when battery is critically low. • Indicates radio resides within one or more Area-Based Warning Tone geofences.
Continuous Fast Blinking Red	Indicates a charging error.
Solid Amber	The radio declares an Emergency Alert.
Blinking Amber	• The radio is scanning for activity. • The radio is receiving a Call Alert. • The radio is receiving a declared or canceled Emergency alert. • The radio has not cleared all Emergency or Instant Personal Alerts received from the list.
Slow Blinking Amber	The radio is receiving an Instant Personal Alert.
Solid Green	• The radio is powering up. • The radio is transmitting. • Indicates full battery capacity when the radio is charging. • The radio is in an Emergency Group/Private call. • The radio is Ambient Listening.
Blinking Green	• The radio is receiving a call. • The radio enters a call-hang time. • The radio is sending an Instant Personal Alert. • The radio enters Area Based Talkgroup. • The radio is receiving an Emergency Group/Private call.
Blinking Green and Amber	Radio is in Do Not Disturb (DND) mode.

Chapter 6

Types of Radio Calls

There are several ways that you can make a call with your radio depending on the types of calls and system available on your radio.

Table 8: Types of Radio Calls

Call Type	Description
Group Call	A Group Call is a point-to-multipoint call operation. Your radio must be configured as a member of the group for you to communicate with each other.
Private Call	A Private Call is a call from an individual radio to another individual radio. You can set up a Private Call after performing a radio presence check or call immediately.
Broadcast Call	A Broadcast Call is a one-way voice call from any user to an entire talkgroup. The Broadcast Call feature allows only the call initiating user to transmit to the talkgroup, while the recipients of the call cannot respond.
Area Based Talkgroup Call	When you enter a geographic area, you are able to view, and hear the notifications for the talkgroup area in that geofence. The Area Based Talkgroup is added to the Area Based Talkgroup List in alphabetical order. Once you are added to the Area Based Talkgroup List, your radio receives calls from both Area Based Talkgroup and the Talkgroup I before you enter into the Area Based Talkgroup zone. You can navigate through the Talkgroup Channel List and into the Area Based Talkgroup List. The Talkgroup Number is not displayed when you are in the Area Based Talkgroup. When you are in the Area Based Talkgroup, your radio shows the following indications. • The green LED blinks. • The display shows the talkgroup alias. • The voice announcement sounds. When you are exiting the Area Based Talkgroup, your radio shows the following indications. • The display shows the talkgroup alias. • The voice announcement sounds. If you are in a call when you are exiting the Area Talkgroup, the call continues without dropping. When the call is finally ended, your radio then exit the Area Based Talkgroup.

6.1

Making Calls on the Radio

Procedure:

1. Perform one of the following actions:
 - To make a group call, an area based talkgroup call, or a broadcast call, select the *<required Talkgroup>* using the **Talkgroup Scroll Rocker**.
 - To make a private call, from the menu, select **Contacts List** → *<required Contact>*.

2. To call, press and hold the **PTT** button.

For broadcast call, the display shows a countdown from 3, 2, and 1.

If the **PTT** button is released before the countdown completes, the call is not initiated.

3. Wait for the Talk Permit Tone to end, and speak into the microphone.



NOTE:

If you are making a group call during Idle Mode, the Talk Permit Tone takes slightly longer to establish compared to during Active Mode. If the back light is on, your radio is in Active Mode.

If the recipient is busy or the server is synchronizing, the Talk Prohibit Tone sounds until the **PTT** button is released.

4. To listen, release the **PTT** button.



NOTE: This step is not applicable for broadcast call.

For group call or area based talkgroup call, your radio shows the following indications when entering hang time.

- The green LED blinks.
- The display shows the talkgroup name.

For private call, your radio shows the following indications when entering hang time.

- The green LED blinks.
- The display shows *Private Call*.

5. To end a private call, perform one of the following actions.

- Wait for the private call hang time to expire.
- Press and hold the **Menu/Programmable** button.

6.2

Receiving and Responding to Calls

When you receive calls, your radio shows the following indications:

- A tone sounds.
- The green LED blinks.
- Your radio unmute and the incoming call sound through the speaker.
- For group call, the display shows Talkgroup number followed by the caller alias.

- For private call, broadcast call, and area based talkgroup call, the display shows the caller alias.



NOTE: For Broadcast Call, you are not allowed to Talkback. If you attempt to talkback, the Talkback Prohibit tone sounds when the **PTT** button is pressed.

Procedure:

Perform one of the following actions:

Option	Actions
Responding to calls	a. Press and hold the PTT button. b. Wait for the Talk Permit Tone to end, and speak into the microphone. c. To listen, release the PTT button.
Rejecting a private call	Press and hold the Menu/Programmable button.

Chapter 7

Instant Personal Alert

Instant Personal Alert (IPA) is a notification that you can send to a contact that is busy or unable to reply to a group or private call.

When you received an IPA, your radio sounds a tone and displays an icon and the sender alias.

The IPA received is stored in the IPA Status List and allows you to view and reply at any time. When multiple IPAs are received, the latest IPA will appear at the top of the list. The IPA Status List can store up to nine alerts.

An IPA can be received from contacts outside your Contact List.

If you have a private call with the sender of the IPA, then the IPA is automatically cleared.

7.1

Sending IPA

Procedure:

1. From the menu, select **Contact List** → *<required alias>*.
2. To send IPA, press and hold the **Menu/Programmable**.

Result:

If your IPA is sent, your radio shows the following indications:

- A tone sounds.
- Your screen displays `Alert Sent`.

If your IPA is not sent, your radio shows the following indications:

- A tone sounds.
- Your screen displays `Alert Failed`.

7.2

Receiving and Viewing IPA

When you receive an IPA during idle mode, your radio shows the following indications:

- The IPA is added to the IPA Status List.
- A tone sounds.
- The amber LED blinks until IPA is cleared.
- The display shows the IPA icon and alias.

When you receive an IPA during a call, your radio shows the following indications:

- The IPA is added to the IPA Status List.
- A tone sounds.
- The amber LED blinks until IPA is cleared.
- The display shows the IPA icon and alias.
- There are no visible/audible indicators while the call is in progress.

- After the call, the LED indicator flashes if the IPA has the highest priority at the time.



NOTE:

If you receive multiple IPAs from the same contact, there will only be one entry in the IPA list with the latest IPA at the top.

If you receive an IPA from someone not in your Contacts List, ? is displayed before their alias.

Procedure:

1. To view the IPA list, from the menu, select **Instant Personal Alert List**.
2. Scroll through the IPA list using **Volume Up and Volume Down**.



NOTE: The IPA list consists up to nine IPA entries.

Result: When the list is reaching the end or the beginning, a tone sounds.

7.3

Clearing IPA Status List

Procedure:

Perform one of the following actions:

- From the **Contact list** or **IPA list**, select the contact that you want to clear and press and hold the **PTT** button to make a call.
- In the IPA Status List, press and hold the **Menu/Programmable** button on the contact that you want to clear.
- Power cycle your radio to clear all the IPAs.

Result: When all IPAs are cleared, your radio shows the following indications:

- The LED indicator stops blinking.
- The IPA list will no longer be displayed.

Chapter 8

Voice Operating Transmission

Voice Operating Transmission (VOX) allows you to initiate hands-free voice-activated calls on a programmed Talkgroup. When your VOX-capable accessory detects voice, your radio automatically transmits for a programmed period.

You are able to change the VOX sensitivity in the WAVE PTX Portal. The following table shows the recommended sensitivity for different noise level and clipped accessory distance from the mouth.

Table 9: VOX Recommended Settings

Noise Level	Clipped Accessory Distance From the Mouth	Recommended Sensitivity Level
Moderate to high noise level	6 in	High
Quiet to low noise level	6 in	Low

VOX is unable to initiate hands-free voice-activated calls if your radio is connected to any Bluetooth accessories.



NOTE:

- VOX is disabled if you press the **PTT** button while the VOX is active.
- VOX does not support internal microphone, Bluetooth accessories, or wired radio speaker microphone. VOX is only supported on VOX capable wired earpiece accessories.

8.1

Enabling and Disabling Voice Operating Transmission

Enabling Voice Operating Transmission

Procedure:

1. From the menu, select **VOX**.
2. To enable the VOX feature, press the **Volume Up** or **Volume Down** button.

Disabling Voice Operating Transmission

Procedure:

1. From the menu, select **VOX**.
2. To disable the VOX feature, press the **Volume Up** or **Volume Down** button.

8.2

Making Calls with VOX

Prerequisites: Connect your radio with a VOX-capable accessory.

Procedure:

1. Say the desired command.
2. Wait for the Talk Permit Tone to end, and speak into the microphone.

Result: Your radio shows the following indications:

- The green LED blinks.
- If your voice is detected, the Talk Permit Tone sounds.
- If you stop speaking, the Floor Free Tone sounds.

8.3

Receiving and Responding to Calls with VOX

When you receive calls, your radio shows the following indications:

- A tone sounds.
- The green LED blinks.
- Your radio unmute and the incoming call sound through the speaker.

Prerequisites: Connect your radio with a VOX-capable accessory.

Procedure:

Wait for the Floor Free Tone to end, and speak into the microphone.

Result: Your radio shows the following indications:

- If your voice is detected, the Talk Permit Tone sounds.
- If you stop speaking, the Floor Free Tone sounds.

Chapter 9

Emergency Operations

Emergency Alert are used to indicate critical situations. You can initiate an Emergency Alert at any time even when there is activity on the current Talkgroup.

During the Emergency mode, any call launched is declared as Emergency Call.

9.1

Declaring Emergency

Procedure:

To declare emergency locally, press and hold the **Emergency** button.

Result:

The display shows a countdown from 3, 2, 1, and **Declaring...** with an emergency tone. The tone can be enabled or disabled through the WAVE PTX Portal. You can release the Emergency button during the countdown to stop the process.



NOTE: You can also declare an Emergency remotely by an authorized user or a dispatcher but there is no countdown on display if done remotely.

If Emergency is declared successfully, your radio shows the following indications:

- The Emergency tone sounds.
- The amber LED illuminates.
- The display shows **Emergency**.



NOTE: When the display flashes the Emergency icon, you are only allowed to view the info screen, volume control, make an emergency call and exit the emergency mode.

If Emergency fails to declare, your radio returns to the previous screen.

9.2

Canceling Emergency

Procedure:

To cancel emergency locally, press and hold the **Emergency** button.

Result:

The display shows a countdown from 3, 2, 1, and **Cancelling...** with an emergency tone. The tone can be enabled or disabled through the WAVE PTX Portal. You can release the Emergency button during the countdown to stop the process.



NOTE:

- You can also cancel an Emergency remotely by an authorized user or a dispatcher but there is no countdown on display if done remotely.
- Your radio can be configured that only an authorized user can exit emergency mode.

If Emergency is canceled successfully, your radio shows the following indications:

- The Emergency tone sounds.
- Returns to the previously selected Talkgroup.

- Voice Announcement sounds.

If Emergency cancellation fails, your radio shows the following indications:

- The Emergency tone sounds.
- The amber LED illuminates.
- The display shows `Emergency`

9.3

Receiving and Responding to Emergency Alerts

When you receive a Declared-Emergency Alert, your radio shows the following indications:

- The Emergency tone sounds.
- The amber LED blinks for 2 seconds.
- The display shows the Declared-Emergency Alert icon and the initiator's alias.



NOTE: The alert has a higher priority compare to making or receiving call.

When you receive a Cancelled-Emergency Alert, your radio shows the following indications:

- The Emergency tone sounds.
- The amber LED blinks until all Emergency Alerts are cleared from the Emergency Alert List.
- The display shows `Cancelling...`



NOTE: The alert has a higher priority compare to making or receiving call.

Procedure:

1. From the menu, select **Emergency Alert List**.
2. To select the required Emergency Alert alias, press the **Volume Up** or **Volume Down** button.
3. Press **PTT** button to initiate a call.

9.4

Receiving and Responding to Emergency Calls

When you receive a Emergency Call, your radio shows the following indications:

- The Emergency tone sounds.
- The green LED illuminates
- For Group Call, the display shows the Group Name, Emergency Call icon in front of the caller alias for 2 seconds, and then scroll to Caller Alias.
- For Private Call, the display shows the Emergency Call icon and the initiator's alias.
- For Private Call, the display shows the display call type, Emergency Call icon in front of the caller alias for 2 seconds, and then scroll to Caller Alias.



NOTE: The Emergency Call has a higher priority compared to Talkgroup Call and Private Call.

Procedure:

1. To respond to the Emergency Call, press and hold the **PTT** button.
2. Wait for the Talk Permit Tone to end, and speak into the microphone.

3. To listen, release the **PTT** button.

9.5

Clearing Emergency Alert List

An Emergency Alert in the Emergency Alert List is cleared automatically when a corresponding Cancelled-Emergency Alert is received and if you power cycle your radio.

Procedure:

Perform one of the following actions:

- Press and hold the **Menu/Programmable** button on the Emergency Alert Alias.
- Power cycle your radio to clear the Emergency Alert List.

Result:

When all Emergency Alerts clears, your radio shows the following indications:

- The amber LED extinguishes.
- Emergency Alert List icon disappears from the status bar.

Chapter 10

Fall Alert

The Fall Alert (formerly known as Man Down) enables your radio to alert others when you are in danger. Fall Alert profile is configurable in the WAVE PTX Portal.

If your radio tilts at a specified angle, is stationary for a time, or tilts and is stationary, it prompts an Alert Tone. If you do not respond to the prompt before the predefined reminder timer expires, your radio automatically sends an Emergency Alarm or Emergency Call, skipping the 3 seconds countdown.

To prevent your radio from sending an Emergency Alarm or Emergency Call, you can take the following measures:

- For Tilt Alarm, you must restore the radio to the vertical position. You may configure the threshold for the tilt angle detection of the radio to 30°, 45°, or 60°, based on the vertical axis.
- For No Movement Alarm, you must move your radio. You may configure the threshold to high, medium, or low sensitivity, with the default setting set to medium sensitivity.
- For Tilt and No Movement Alarm, you must restore the radio to the vertical position or move it. Both threshold settings for Tilt and No Movement will take effect for the Tilt and No Movement Alarm. Either thresholds may trigger the Fall Alert event.

If any of the configured thresholds are exceeded consistently for the default pre-alarm timer duration of 100 seconds, your radio shows the following indications.

- A tone sounds.
- The red LED blinks for the default alarm timer duration of 10 seconds.



NOTE: Both the pre-alarm timer and the alarm timer are configurable by using the WoC portal from 1 to 3600 seconds.

Chapter 11

Lone Worker

The Lone Worker feature prompts an emergency if there is no user activity (button press or Talkgroup selector activation) for a predefined time. Lone Worker profile is configurable in the WAVE PTX Portal.

When there is no user activity for a predefined time, your radio pre-warns you using an audio and LED indicator once the inactivity timer expires.

You can press any button and the timer for lone worker resets.

If there is no acknowledgment from you before the predefined reminder timer expires, your radio initiates an emergency condition, skipping the 3 seconds countdown.

Chapter 12

Location

The Global Navigation Satellite System (GNSS) integrates information from the Global Positioning System (GPS), Global Navigation Satellite System (GLONASS), BeiDou Navigation Satellite System, and Galileo to determine the approximate geographical location of your radio.

12.1

Turning Location On or Off

Turning Location On

Procedure:

1. From the menu, select **Location**.
2. To turn on Location, press the **Volume Up** or **Volume Down** button.

Result:

If Location successfully turns on, your radio shows the following indications:

- The voice announcement sounds.
- The display shows a positive mini notice.



NOTE: When the Location feature is on and periodic location updates are enabled by the user admin, the location information is uploaded to the WAVE PTX portal or WAVE PTX Dispatch.

Turning Location Off

Procedure:

1. From the menu, select **Location**.
2. To turn off Location, press the **Volume Up** or **Volume Down** button.

Result:

If Location successfully turns off, your radio shows the following indications:

- The voice announcement sounds.
- The display shows a negative mini notice.

Chapter 13

Noise Reduction

The Noise Reduction feature reduces the effect of surrounding noise that affects the clarity of the intended audio for transmission.

There are four noise reduction levels. The default setting for your radio noise reduction is **High**. You can change the noise reduction level in the WAVE PTX Portal.

The following table shows the scenarios and the recommended noise reduction levels for your radio.

Table 10: Recommended Noise Reduction Level

Scenario	Recommended Noise Reduction Level
Most noise conditions	High (Default)  NOTE: Level Two is able to reduce most of the noise from the caller side. Caller speech quality is not affected.
Two same talkgroup users are close in proximity that causes the call recipient to receive acoustic feedback loop.	Very High
You cannot hear your own voice due to the extreme noise conditions.	Low  NOTE: To avoid your voice from being suppressed, you must speak louder into the microphone.

13.1

Turning Noise Reduction On or Off

Turning Noise Reduction On

Procedure:

1. From the menu, select **Audio NR**.
2. To turn on Noise Reduction, press the **Volume Up** or **Volume Down** button.

Result:

If Noise Reduction successfully turns on, your radio shows the following indications:

- The Voice Announcement sounds.
- The display shows a positive mini notice.

Turning Noise Reduction Off

Procedure:

1. From the menu, select **Audio NR**.
2. To turn off Noise Reduction, press the **Volume Up** or **Volume Down** button.

Result:

If Noise Reduction successfully turns off, your radio shows the following indications:

- The Voice Announcement sounds.
- The display shows a negative mini notice.

Chapter 14

Fast Scroll Talkgroup List

A talkgroup list has a maximum of 96 channels.

The order of the channels are in numerical order. You can press and hold on the **Talkgroup Scroll Rocker** to perform the fast scroll. After the second channel, you can fast scroll the channels with an increment of 10.

For example, if your radio has 93 channels, the increment channel change is **CH 80** → **CH 90** → **CH 93** → **CH 1** → **CH 10** → **Ch 20**.

14.1

Accessing Fast Scroll Talkgroup List

Procedure:

Press and hold the **Talkgroup Scroll Rocker**.

Chapter 15

Contact List

A contact name is no more than 30 alphanumeric characters and displayed in an alphabetical order.

Japanese language character can support up to 16 characters and displayed in a Japanese-alphabetical order.

The contact list only supports user that are available and set to Do Not Disturb (DND). If the contact is offline, the contact is hidden from the list.



NOTE: Contact your dealer for more information on the configuration.

15.1

Accessing Contact List

Procedure:

1. Press and hold the **Menu/Programmable** button.
2. For fast scroll, perform one of the following actions:
 - Press and hold the **Talkgroup Scroll Rocker**.
 - Press and hold the **Volume Up** or **Volume Down** button.

Chapter 16

Supervisory Override

Supervisory Override allows a supervisor to interrupt during an ongoing call except for Private Call and immediately start a supervisory call.

If the user is receiving or transmitting a call and the current ongoing call is interrupted by a supervisory call, your radio unmutes to the supervisory call and display the alias of the supervisor.



NOTE: Contact your dealer or administrator for more information on the configuration.

Chapter 17

Menu

You are able to access the menu through the **Menu/Programmable** button.

The following are the available features in the Menu.

Table 11: List of Features

Feature	Description
Emergency Alert List	Allows you to view and delete received emergency alerts.
Instant Personal Alert List	Allows you to view and delete received instant personal alerts.
Time	Allows you to view the local time. If your radio does not have a SIM card, configure your radio into the maintenance mode and set the time zone manually in the Maintenance Mode Web Server 192.168.100.1
Contact List	Allows you to access the contact list.
All Alert Tones	Allows you to enable and disable All Alert Tones.
Display Brightness	Allows you to adjust the display brightness on your radio.
Voice Announcements	Allows you to enable and disable the Voice Announcements.
Do Not Disturb (DND)	Allows you to change the mode of your radio from available to "do not disturb".  NOTE: When DND is enabled, you will not be able to receive any group call, quick group call, or private call.
Scan	Allows you to enable and disable the Scan feature.
Location	Allows you to enable and disable the Global Positioning System (GPS) feature.
Bluetooth	Allows you to enable and disable the Bluetooth. Allows you to view the Bluetooth Pairing Status information.
Wi-Fi	Allows you to enable and disable the Wi-Fi modems.
Cellular	Allows you to enable and disable the Cellular modems.
Mute	Allows you to mute and unmute your radio.
Keylock	Allows you to lock the Talkgroup Scroll Rocker and limit the functions of the Power button and Menu/Programmable button.
VOX	Allows you to enable and disable the VOX feature.
Fall Alert	Allows you to enable and disable the Fall Alert feature.
Lone Worker	Allows you to enable and disable the Lone Worker feature.
Noise Reduction	Allows you to enable and disable the Noise Reduction feature.
Radio Name	Allows you to view your radio name.
Serial Number	Allows you to view the serial number.

17.1

Accessing Menu

Procedure:

To access and navigate through the menu, press the **Menu/Programmable** button.

Chapter 18

Turning the Cellular On or Off

Turning the Cellular On

Procedure:

1. From the menu, select **Cellular**.
2. To turn on Cellular, press the **Volume Up** or **Volume Down** button.

Result:

If cellular turns on, your radio shows the following indications:

- The display shows a positive mini notice.
- The voice announcement sounds.

Turning the Cellular Off

Procedure:

1. From the menu, select **Cellular**.
2. To turn off Cellular, press the **Volume Up** or **Volume Down** button.

Result:

If cellular turns off, your radio shows the following indications:

- The display shows a negative mini notice.
- The voice announcement sounds.

Chapter 19

Turning the Wi-Fi On or Off



NOTE: Configure your Wi-Fi system according to the latest industry security recommendations or use Enterprise Wi-Fi.

Turning the Wi-Fi On

Procedure:

1. From the menu, select **Wi-Fi**.
2. To turn on Wi-Fi, press the **Volume Up** or **Volume Down** button.

Result:

If Wi-Fi turns on, your radio shows the following indications:

- The display shows a positive mini notice.
- The voice announcement sounds.

Turning the Wi-Fi Off

Procedure:

1. From the menu, select **Wi-Fi**.
2. To turn off Wi-Fi, press the **Volume Up** or **Volume Down** button.

Result:

If Wi-Fi turns off, your radio shows the following indications:

- The display shows a negative mini notice.
- The voice announcement sounds.

Chapter 20

Turning DND On or Off

Turning DND On

Procedure:

1. From the menu, select **Do Not Disturb (DND)**.
2. To turn on DND, press the **Volume Up** or **Volume Down** button.

Result:

If DND turns on, your radio shows the following indications:

- The green and amber LED blink.
- The display shows a positive mini notice.
- The voice announcement sounds.

Turning DND Off

Procedure:

1. From the menu, select **Do Not Disturb (DND)**.
2. To turn off DND, press the **Volume Up** or **Volume Down** button.

Result:

If DND turns off, your radio shows the following indications:

- The display shows a negative mini notice.
- The voice announcement sounds.

Chapter 21

Turning Voice Announcement On or Off

Turning Voice Announcement On

Procedure:

1. From the menu, select **Announcement**.
2. To turn on Voice Announcement, press the **Volume Up** or **Volume Down** button.

Result:

If Voice Announcement turns on, your radio shows the following indications:

- The display shows a positive mini notice.
- The Voice Announcement sounds.

Turning Voice Announcement Off

Procedure:

1. From the menu, select **Announcement**.
2. To turn off Voice Announcement, press the **Volume Up** or **Volume Down** button.

Result:

If Voice Announcement turns off, your radio shows the following indications:

- The display shows a negative mini notice.
- The Voice Announcement sounds.

Chapter 22

Turning Alert Tones On or Off

Turning Alert Tones On

Procedure:

1. From the menu, select **Alert Tones**.
2. To turn on Alert Tones, press the **Volume Up** or **Volume Down** button.

Result:

If Alert Tones successfully turns on, your radio shows the following indications:

- The display shows a positive mini notice.
- The Voice Announcement sounds.

Turning Alert Tones Off

Procedure:

1. From the menu, select **Alert Tones**.
2. To turn off Alert Tones, press the **Volume Up** or **Volume Down** button.

Result:

If Alert Tones successfully turns off, your radio shows the following indications:

- The display shows a negative mini notice.
- The Voice Announcement sounds.

Chapter 23

Adjusting Display Brightness

Procedure:

1. From the menu, select **Brightness**.
2. Select the preferred brightness level ranging from **0** to **8**.

Result:

If brightness level is selected, your radio shows the following indications:

- The display shows brightness level.
- The Voice Announcement sounds.



NOTE:

The radio backlight turns off in idle mode. You can press the **Power button** or any other buttons to turn on the backlight.

Chapter 24

Bluetooth

This feature allows you to use your radio with a Bluetooth-enabled accessory through a Bluetooth connection. Your radio supports both Motorola Solutions and Commercially available Off-The-Shelf (COTS) Bluetooth-enabled accessory.

Bluetooth operates within a range of 10 m (32 ft) line of sight. This is an unobstructed path between your radio and your Bluetooth-enabled accessory. For a high degree of reliability, Motorola Solutions recommends to not separate the radio and the accessory.

At the fringe areas of reception, both voice and tone quality start to sound "garbled" or "broken". To correct this problem, position your radio and Bluetooth-enabled accessory closer to each other (within the 10 m defined range) to re-establish clear audio reception. The Bluetooth function of your radio has a maximum power of 2.5 mW (4 dBm) at the 10 m range.

Your radio can support up to three simultaneous Bluetooth connections with Bluetooth-enabled accessories of unique types. For example, a headset, a scanner, a sensor device, and a PTT-Only Device (POD). Multiple connections with Bluetooth-enabled accessories of the same type are not supported.

Refer to the user manual of your respective Bluetooth-enabled accessories for more details on the full capabilities of your Bluetooth-enabled accessory.



NOTE:

- Use the latest Bluetooth accessories (v5.0 and above) for enhanced connection security. Please note that although the Bluetooth version of TLK 200 is v4.2, the latest Bluetooth accessories (v5.0 and above) are fully backward compatible.
- Always adopt Bluetooth security best practices when using Bluetooth devices.

24.1

Turning the Bluetooth On or Off

Turning the Bluetooth On

Procedure:

1. From the menu, select **Bluetooth**.
2. To turn on Bluetooth, press the **Volume Up** or **Volume Down** button.

Result:

If the Bluetooth is enabled, your radio shows the following indications:

- The display shows a positive mini notice.
- The voice announcement sounds.

Turning the Bluetooth Off

Procedure:

1. From the menu, select **Bluetooth**.
2. To turn off Bluetooth, press the **Volume Up** or **Volume Down** button.

Result:

If the Bluetooth is disabled, your radio shows the following indications:

- The display shows a negative mini notice.
- The voice announcement sounds.

24.2

Searching and Connecting to Bluetooth Devices

Prerequisites:

- Ensure the Bluetooth mode is on.
- If required, update the Bluetooth accessory list in WAVE PTX Portal.

Procedure:

From the menu, select **Bluetooth**.

Result:

Your radio shows the following indications:

- The display shows **Bluetooth Searching**.
- The voice announcement sounds.

If the Bluetooth device is connected to the radio, your radio shows the following indications:

- A positive tone sound.
- The display shows a positive mini notice.
- The voice announcement sounds.



NOTE:

If the connected Bluetooth device is out of range or tuned off, your radio shows the following indications:

- A negative tone sounds.
- The display returns to **Bluetooth Searching**.

24.3

Clearing Bluetooth Pairing

Procedure:

1. From the menu, select **Bluetooth Pairing Status**.
2. Scroll through the Bluetooth list using **Volume Up** or **Volume Down** buttons.
3. On the selected device, press and hold the **Menu/Programmable** button to clear the pairing.

Result:

If the request is successful, a positive tone sounds.

If the request is unsuccessful, a negative tone sounds.

24.4

Bluetooth Find Me

The Bluetooth (BT) Find Me feature allows you to enable Bluetooth Discoverable mode on your radio. This makes your radio detectable to other Bluetooth devices during scanning.

To connect a body-worn camera, such as the VB400, using Bluetooth, you need to enable Bluetooth Find Me. This allows the camera to detect, pair with, and connect to your radio.

24.4.1

Turning the BT Find Me On

Prerequisites:

- Ensure the Bluetooth mode is on.
- If required, update the Bluetooth accessory list in the WAVE PTX Portal.

Procedure:

1. From the menu, select **BT Find Me**.
2. To turn on BT Find Me, press the **Volume Up** or **Volume Down** button.

Result: If Bluetooth (BT) Find Me is enabled, your radio shows the following indications:

- The display shows a positive mini notice.
- The voice announcement sounds.



NOTE:

- BT Find Me must be turned on for pairing with a Body-Worn Camera, for example, the VB400. This allows the camera to detect your radio during Bluetooth scanning.
- For security, the BT Find Me mode is disabled two minutes after activation.
- If BT Find Me turns off due to a timeout, you are required to manually enable the feature through the radio menu.
- After pairing the VB400 with your radio for the first time, the VB400 automatically reconnects when you undock the VB400. Always use this reconnection mechanism. Do not initiate a new connection from the radio. If the VB400 fails to reconnect, manually enable BT Find Me on your radio, followed by docking and reassigning the VB400 to your radio again.

24.4.2

Turning the BT Find Me Off

Procedure:

1. From the menu, select **BT Find Me**.
2. To turn off BT Find Me, press the **Volume Up** or **Volume Down** button.

Result: If BT Find Me is disabled, your radio shows the following indications:

- The display shows a negative mini notice.
- The voice announcement sounds.



NOTE:

- Turning off Bluetooth also disables BT Find Me.
- Turning off Bluetooth menu visibility hides BT Find Me.

Chapter 25

Scan

Scan allows your radio to monitor multiple Talkgroups in the programmed scan list to look for an active Talkgroup.

When in the scan mode, the system preempts an ongoing low-priority talkgroup call. Your radio unmutes to the high-priority talkgroup call. You respond to the active talkgroup when you press the **PTT** button during the programmed period (hang time) of an ongoing call from your scan list.

Pressing the **PTT** button when the radio is not in a call causes the radio to start a call on the last selected talkgroup.



NOTE: If the DND mode is enabled during the scan mode, your radio prioritizes the DND mode.

25.1

Turning Scan On or Off

Turning Scan On

Procedure:

1. From the menu, select **Scan**.
2. To turn on Scan, press the **Volume Up** or **Volume Down** button.

Result: If Scan is on, your radio shows the following indications:

- The amber LED blinks.
- The display shows a positive mini notice.
- The voice announcement sounds.

Turning Scan Off

Procedure:

1. From the menu, select **Scan**.
2. To turn off Scan, press the **Volume Up** or **Volume Down** button.

Result: If Scan is off, your radio shows the following indications:

- The display shows a negative mini notice.
- The voice announcement sounds.

Chapter 26

Radio Stun

Radio Stun indicates that your radio is disabled.

When your radio is in Radio Stun mode, all the buttons except for **Power**, **Volume Up**, and **Volume Down** buttons are disabled. All voice activity and LED indications are disabled as well.

When your radio is in Radio Stun mode, the following radio activities occur:

- Fall Alert feature is disabled.
- Lone Worker feature is disabled.
- Scan feature is disabled.
- DND feature is disabled.
- Instant Personal Alert List is cleared.
- Emergency Alert List is cleared.

In powered on state, your radio displays Radio Stun.

Chapter 27

Radio Kill

Radio Kill indicates that your radio is permanently disabled.

In a normal Operation mode, when your radio receive a kill command, your radio turns off.

While in Kill mode, User Interface (UI) is not available on your radio and you are not able to turn on your radio. Your radio can only be re-activated by Motorola Solutions.

Contact your dealer for more information.

Chapter 28

User Disabled or Suspended

User Disabled or Suspended indicates that your account is disabled or suspended. When your account is disabled or suspended, you are not able to log in to the PTT server.

Your account can be disabled through the WAVE PTX portal or the authorized user.

If your account is disabled or suspended, your radio shows the following indications.

- A tone sounds.
- The red LED blinks.
- The display shows `User Disabled`.

The **Power**, **Menu/Programmable**, and **Volume Up and Down** buttons still works normally.

If you press the **PTT** button, your radio tries to log in to the PTT server. If your radio is able to connect to the PTT server, it will bring you to the normal login screen, else it will bring you back to the `User Disabled` screen.

Chapter 29

Ambient Listening

Ambient listening allows you to listen to the ambient audio of your radio during idle mode.

When you start ambient listening, your radio shows the following indications:

- A tone sounds.
- The solid green LED illuminates.
- The display shows **Listening** and the caller alias.

Ambient listening stops when call is initiated or received.

If the Voice Operating Transmission (VOX) feature is enabled when ambient listening is active, the VOX feature is temporarily disabled and is only re-enabled once the ambient listening ends.

Chapter 30

Keylock

Keylock allows you to lock the **Talkgroup Scroll Rocker** and limits the functions of the **Power** and **Menu/Programmable** button.

30.1

Enabling Keylock

Procedure:

1. From the menu, select **Keylock**.
2. To enable Keylock, press the **Volume Up** or **Volume Down** button.

Result: When keylock is enabled, the following radio activities occur:

- The display shows a positive mini notice.
- The **Talkgroup Scroll Rocker** is locked.
- The **Menu/Programmable** button will only function if programmed to access Menu or Keylock.
- The **Volume Up** and **Volume Down** buttons function as usual.
- The **PTT** and **Emergency** buttons function as usual.

30.2

Disabling Keylock

Procedure:

1. From the menu, select **Keylock**.
2. To disable Keylock, press the **Volume Up** or **Volume Down** button.

Result: The display shows a negative mini notice.

Chapter 31

Mute Mode

Mute Mode provides an option to silence all audio indicators on your radio.

31.1

Turning the Mute Mode On

Procedure:

1. From the menu, select **Mute**.
2. To turn on the Mute Mode, press the **Volume Up** or **Volume Down** buttons.

Result:

If the Mute mode is enabled, your radio shows the following indications:

- The display shows a positive mini notice.
- The voice announcement sounds.
- The radio stores the previous set volume.

31.2

Turning the Mute Mode Off

Procedure:

Perform one of the following actions:

Option	Actions
Turning the Mute Mode Off Through the Menu	a. From the menu, select Mute. b. To turn off the Mute Mode, press the Volume Up or Volume Down buttons.
Turning the Mute Mode Off Using the Volume Up or Volume Down Buttons	Press the Volume Up or Volume Down buttons.

Result:

If the Mute mode is disabled, your radio shows the following indications:

- The display shows a negative mini notice.
- The voice announcement sounds.
- The radio volume restores to the previously set volume.

Chapter 32

Authorized Accessories List

Motorola Solutions provides the following approved accessories to improve the productivity of your digital portable two-way radio.

Table 12: Antenna

Part Number	Description
32012144001	Gray Antenna ID Band, Pack of 10 units
32012144002	Yellow Antenna ID Band, Pack of 10 units
32012144003	Green Antenna ID Band, Pack of 10 units
32012144004	Blue Antenna ID Band, Pack of 10 units
32012144005	Purple Antenna ID Band, Pack of 10 units
HKAN4005_	Antenna (North America)
HKAN4006_	Antenna (International)

Table 13: Battery

Part Number	Description
PMNN4578_	Li-Ion 2500 mAh Battery

Table 14: Carry Devices

Part Number	Description
PMLN6074_	Nylon Wrist Strap
PMLN7128_	Heavy-Duty Swivel Belt Clip
PMLN8439_	Swivel Carry Holster

Table 15: Chargers

Part Number	Description
PMKN4306A	USB-C 2.0 TO MICRO-USB
PMLN8567A	Desktop Multi-Unit Charger, International Power Supply
PMKN4294_	USB-C to USB-A Cable
PS000150A31	USB-A, 1.5 A Power Supply Wall Charger, USA/Japan
PS000150A32	USB-A, 1.5 A Power Supply Wall Charger, Europe
PS000150A33	USB-A, 1.5 A Power Supply Wall Charger, United Kingdom/Hong Kong
PS000150A34	USB-A, 1.5 A Power Supply Wall Charger, Australia/New Zealand
PS000150A35	USB-A, 1.5 A Power Supply Wall Charger, Argentina
PS000150A37	USB-A, 1.5 A Power Supply Wall Charger, Korea

Part Number	Description
PS000150A38	USB-A, 1.5 A Power Supply Wall Charger, Brazil
PS000150A39	USB-A, 1.5 A Power Supply Wall Charger, India

Table 16: Earbuds and Earpieces

Part Number	Description
PMLN7156_	Earbud with In-line Mic/Push-To-Talk (PTT), MagOne
PMLN7159_	Adjustable D-Style with In-Line Mic and PTT
PMLN7189_	Swivel Earpiece with In-line Microphone and PTT
PMLN7157_	2-Wire with Transparent Tube, Black
PMLN7158_	1-Wire Surveillance Earpiece, In-Line Mic, and PTT
PMLN8191_	1-Wire Enhanced Clear Tube Earpiece, 2.5 mm Single Pin, Angled
PMMN4127_	Operational Critical Wireless Remote Speaker Mic WM500
PMLN7560_	Receive Only Earpiece with Translucent Tube
PMLN8123_	EP910W Operational Critical Wireless Earpiece PTT
PMLN8298_	WP300 Wireless Bluetooth Control PTT Pod
PMLN8077_	Over-the-Ear Earpiece, Single Pin
PMLN8125_	Over-the-Ear Earpiece, Single Pin, Short Cord
PMLN8190_	1-Wire Enhanced Clear Tube Earpiece, 2.5 mm Single Pin, Straight
5080384F72	Replacement Foam Plug-ins
RLN6282_	Replacement Ear Tips
RLN6242_	Quick Disconnect Acoustic Tube

Table 17: Remote Speaker Microphones

Part Number	Description
PMMN4125B	RM250 Remote Speaker Microphone

Table 18: Miscellaneous Accessories

Part Number	Description
HKLN4690_	Battery Door

Avis juridique et soutien

Propriété intellectuelle et avis réglementaires

Droits d'auteur

Les produits Motorola Solutions décrits dans ce document peuvent inclure des programmes informatiques Motorola Solutions protégés par des droits d'auteur. Les lois des États-Unis et d'autres pays garantissent certains droits exclusifs à Motorola Solutions pour ces programmes informatiques protégés par des droits d'auteur. En conséquence, il est interdit de copier ou de reproduire, de quelque manière que ce soit, les programmes informatiques Motorola Solutions protégés par des droits d'auteur contenus dans les produits Motorola Solutions décrits dans ce document sans l'autorisation expresse et écrite de Motorola Solutions.

Aucune partie du présent document ne peut être reproduite, transmise, stockée dans un système de récupération ou traduite dans toute autre langue ou tout autre langage informatique, sous quelque forme ou par quelque moyen que ce soit, sans l'autorisation écrite préalable de Motorola Solutions Inc.

Marques de commerce

MOTOROLA, MOTO, MOTOROLA SOLUTIONS, and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners.

Droits de licence

L'acquisition de produits Motorola Solutions ne saurait en aucun cas conférer de licence, directement, indirectement ou de toute autre manière, en vertu des droits d'auteur, brevets ou demandes de brevet appartenant à Motorola Solutions, autres que la licence habituelle d'utilisation non exclusive et libre de droits qui découle légalement de la vente du produit.

Contenu libre

Ce produit peut contenir des logiciels libres utilisés sous licence. Reportez-vous au support d'installation du produit pour obtenir tous les avis juridiques relatifs aux logiciels libres et aux contenus d'attribution.

Directive relative aux déchets d'équipements électriques et électroniques (DEEE) de l'Union européenne et du Royaume-Uni (RU)



La directive DEEE de l'Union européenne et les réglementations DEEE du Royaume-Uni exigent que les produits (ou leur emballage, dans certains cas) vendus dans les pays de l'UE ou au Royaume-Uni portent l'étiquette de la poubelle barrée. Comme le définit la directive DEEE, cette étiquette de poubelle barrée signifie que les clients et les utilisateurs finaux dans les pays de l'UE et du Royaume-Uni ne doivent pas jeter les équipements électriques et électroniques ou leurs accessoires dans les ordures domestiques.

Les clients ou les utilisateurs finaux au sein de l'UE et du Royaume-Uni doivent prendre contact avec le représentant local du fournisseur de leur équipement ou le centre de service pour obtenir des informations sur le système de collecte des déchets dans leur pays.

Avis de non-responsabilité

Veuillez noter que certaines fonctionnalités, installations et capacités décrites dans ce document pourraient ne pas s'appliquer ou être accordées sous licence pour l'utilisation sur un système particulier, ou pourraient

dépendre des caractéristiques d'une unité d'abonné mobile particulière ou d'une configuration de certains paramètres. Communiquez avec votre représentant Motorola Solutions pour en savoir plus.

© 2025 Motorola Solutions, Inc. All Rights Reserved

Déclarations juridiques et de conformité

Déclaration de conformité du fournisseur

Déclaration de conformité du fournisseur

Règlement CFR 47, partie 2, article 2.1077(a) de la FCC



Partie responsable

Nom : Motorola Solutions, Inc.

Adresse : 2000 Progress Pkwy, Schaumburg, IL. 60196

Numéro de téléphone : 1-800-927-2744

déclare par les présentes que le produit :

Nom du modèle : **TLK 200**

est conforme aux réglementations suivantes :

Partie 15, sous partie B, articles 15.107(a), 15.107(d) et 15.109(a) des règlements de la FCC

Appareil numérique de classe B

En tant que périphérique d'ordinateur personnel, cet appareil est conforme aux dispositions de la partie 15 des règlements de la FCC. Son utilisation est assujettie aux deux conditions suivantes :

1. Cet appareil ne doit pas causer d'interférence nuisible; et

2. Cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant entraîner un fonctionnement indésirable.



REMARQUE :

Cet équipement a fait l'objet de tests et a été déclaré conforme aux limites établies pour un appareil numérique de classe B, conformément à la section 15 des règlements de la FCC. Ces limites sont fixées afin d'offrir une protection suffisante contre des interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et peut émettre de l'énergie de radiofréquence et, s'il n'est pas installé ou utilisé conformément aux instructions, il peut provoquer des interférences nuisibles aux communications radio. Cependant, il est impossible de garantir qu'il n'y aura aucune interférence dans une installation particulière.

Si cet appareil cause une interférence nuisible à la réception de la radio ou de la télévision, ce qui peut être déterminé en éteignant et en allumant l'appareil, vous êtes encouragé à remédier à la situation en prenant une ou plusieurs des mesures suivantes :

- Réorienter ou déplacer l'antenne réceptrice.
- Augmenter la distance entre l'équipement et le récepteur.
- Brancher l'appareil dans une autre prise sur un circuit différent de celui du récepteur.
- Consulter le distributeur ou un technicien de radio ou de télévision chevronné pour obtenir de l'aide.

Pour un usage en fonction de la sélection du code de pays (appareils WLAN)



REMARQUE :

La sélection du code de pays est pour les modèles non É.-U. seulement et n'est pas offerte sur tous les modèles américains. Conformément à la réglementation de la FCC, tous les produits Wi-Fi commercialisés aux États-Unis doivent être fixés sur des canaux fonctionnant aux États-Unis uniquement.

Déclaration d'ISDE sur les appareils WLAN

ATTENTION :

1. L'appareil fonctionnant dans la bande 5 150 à 5 250 MHz est uniquement destiné à une utilisation à l'intérieur afin de limiter les risques d'interférences avec les systèmes mobiles satellites dans un canal commun.
2. Pour les appareils dotés d'une ou de plusieurs antennes amovibles, le gain d'antenne maximal permis pour les appareils utilisant les bandes de 5 250 à 5 350 MHz et de 5 470 à 5 725 MHz doit être conforme à la limite de puissance isotrope rayonnée équivalente (p.i.r.e.).
3. Pour les appareils dotés d'une ou de plusieurs antennes amovibles, le gain maximal d'antenne permis pour les appareils de la bande 5 725 à 5 850 MHz doit être de telle sorte que l'équipement respecte toujours les limites de p.i.r.e., selon le cas; et
4. Le cas échéant, le(s) type(s) d'antenne, le(s) modèle(s) d'antenne et le(s) pire(s) angle(s) d'inclinaison nécessaire(s) pour demeurer conforme(s) à l'exigence de la p.i.r.e. applicable au masque d'élévation énoncée à l'article 6.2.2.3 doivent être clairement indiqués.

Information importante sur la sécurité

RF Energy Exposure Awareness and Control Information and Operational Instructions for Occupational Use



AVIS: Cet appareil a été conçu pour un usage professionnel dans un environnement contrôlé, où les utilisateurs sont pleinement conscients de l'exposition à l'énergie RF à laquelle ils sont soumis et peuvent exercer un contrôle sur cette exposition afin de respecter les limites établies par les règlements nationaux et internationaux. Cet appareil **n'est pas** autorisé pour l'utilisation grand public par des consommateurs ordinaires.

Toute modification apportée à cet appareil sans l'autorisation explicite de Motorola Solutions peut annuler l'autorisation d'utiliser l'appareil.

Pour le Japon, l'appareil ne peut être utilisé qu'à l'intérieur, dans la plage de fréquences de 5 150 à 5 350 MHz, sauf pour la transmission avec la station de base du système de communication de données haute puissance de 5,2 GHz ou la station de relais.

Selon la réglementation d'Innovation, Sciences et Développement économique Canada (ISDE), cet émetteur radio ne peut être utilisé qu'avec une antenne dont le type et le gain maximal (ou minimal) sont approuvés par ISDE pour cet émetteur. Afin de limiter les interférences radio pour les autres utilisateurs, le type et le gain de l'antenne doivent être choisis de façon à ce que la puissance isotrope rayonnée équivalente (p.i.r.e) ne soit pas plus forte qu'il ne le faut pour établir la communication.

Cet émetteur radio a été approuvé par Innovation, Sciences et Développement économique Canada (ISDE) pour utilisation avec une antenne approuvée par Motorola Solutions offrant le gain maximal autorisé et l'impédance requise pour le type d'antenne indiqué. Il est strictement interdit d'utiliser avec cet appareil tout type d'antenne ne figurant pas dans cette liste et présentant un gain supérieur au maximum indiqué pour le type.

Avis aux utilisateurs (FCC et Innovation, science et Développement économique Canada (ISDE))

Cet appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence et à la partie 15 des règlements de la FCC et l'innovation, la science et le développement économique, en vertu des conditions suivantes :

- Cet appareil ne doit pas causer d'interférence nuisible.
- Cet appareil doit accepter toute interférence reçue, y compris les interférences pouvant entraîner un fonctionnement indésirable.
- Toute modification apportée à cet appareil sans l'autorisation explicite de Motorola Solutions peut annuler l'autorisation d'utiliser cet appareil.

Garantie, maintenance et assistance

Garantie des batteries et des chargeurs

Garantie de fabrication

La garantie de fabrication couvre les défauts de fabrication dans des conditions d'utilisation et d'entretien normales.

Batteries TLK 200	12 mois
-------------------	---------

Garantie de capacité

La garantie de capacité garantit une capacité égale à 80 % de la capacité nominale pendant la durée de la garantie.

Batteries au lithium-ion (Li-ion)	12 mois
-----------------------------------	---------

Garantie limitée

PRODUITS DE COMMUNICATION MOTOROLA SOLUTIONS

I. PROTECTION OFFERTE PAR LA PRÉSENTE GARANTIE ET DURÉE DE CELLE-CI :

Motorola Solutions Inc. (« Motorola Solutions ») garantit les produits de télécommunications identifiés ci-dessous (le « produit ») fabriqués par Motorola Solutions contre tout défaut de matériel ou de fabrication dans des conditions normales d'utilisation et d'entretien, pour une période suivant la date d'achat, comme stipulé ci-dessous :

Radio portative	1 an
Accessoires de produits	1 an

À sa discrétion, Motorola Solutions réparera sans frais le produit (avec des pièces neuves ou remises à neuf), le remplacera (par un produit neuf ou remis à neuf) ou remboursera le prix d'achat du produit durant la période de garantie, à condition que le produit soit retourné au lieu d'achat conformément aux modalités de la présente garantie. Les pièces et les cartes remplacées sont garanties pour le reste de la période de garantie d'origine. Toute pièce remplacée du produit devient la propriété de Motorola Solutions.

Cette garantie limitée expresse est accordée par Motorola Solutions à l'acheteur ou à l'utilisateur final d'origine seulement, et ne peut être ni transférée ni cédée à un tiers. La présente garantie constitue la garantie complète du produit fabriqué par Motorola Solutions. Motorola Solutions n'assume aucune obligation ni responsabilité pour quelque ajout ou modification à la présente garantie, à moins d'être en présence d'un document écrit et signé par un cadre supérieur de Motorola Solutions.

Sauf dans le cadre d'une entente distincte conclue entre Motorola Solutions et l'acheteur utilisateur final d'origine, Motorola Solutions ne garantit pas l'installation, l'entretien, ni la réparation du produit.

Motorola Solutions se dégage de toute responsabilité à l'égard de tout équipement ou accessoire qui n'est pas fourni par Motorola Solutions et qui est branché sur le produit ou utilisé conjointement avec celui-ci, ainsi qu'à l'égard du fonctionnement du produit utilisé conjointement avec tout équipement ou accessoire, et tous les équipements de cette nature sont expressément exclus de la présente garantie. Compte tenu du caractère unique de chaque système pouvant utiliser le produit, Motorola Solutions se dégage de toute responsabilité à l'égard de la portée, de la diffusion et du fonctionnement du système dans son ensemble.

II. CONDITIONS GÉNÉRALES

La présente garantie précise l'entière responsabilité de Motorola Solutions à l'égard du produit. À la discrétion de Motorola Solutions, la réparation du produit, son remplacement ou le remboursement de son prix d'achat constituent le seul recours. CETTE GARANTIE REMPLACE TOUTE AUTRE GARANTIE EXPRESSE. TOUTES LES GARANTIES IMPLICITES, COMPRENANT, SANS LIMITATION, LES GARANTIES IMPLICITES DE QUALITÉ MARCHANDE ET D'ADAPTATION À UN USAGE PARTICULIER, SONT LIMITÉES À LA PÉRIODE DÉFINIE PAR CETTE GARANTIE LIMITÉE. DANS LA MESURE AUTORISÉE PAR LA LOI, MOTOROLA SOLUTIONS NE POURRA EN AUCUN CAS ÊTRE TENUE RESPONSABLE DE DOMMAGES DONT LA VALEUR DÉPASSE LE PRIX D'ACHAT DU PRODUIT, NI À L'ÉGARD DES PERTES DE JOUISSANCE, DES PERTES DE TEMPS, DES DÉRANGEMENTS, DES PERTES COMMERCIALES, DES PERTES DE PROFIT OU D'ÉCONOMIES, NI RELATIVEMENT À TOUT AUTRE DOMMAGE ACCESSOIRE, SPÉCIAL OU INDIRECT RÉSULTANT DE L'UTILISATION OU DE L'INCAPACITÉ D'UTILISER CE PRODUIT.

III. DROITS PRÉVUS PAR LES LOIS PROVINCIALES :

CERTAINES PROVINCES NE PERMETTENT AUCUNE EXCLUSION NI LIMITATION QUANT AUX DOMMAGES CONSÉCUTIFS OU INDIRECTS, NI AUCUNE LIMITE SUR LA DURÉE D'UNE GARANTIE IMPLICITE, DE SORTE QUE LES LIMITES OU EXCLUSIONS MENTIONNÉES PLUS HAUT PEUVENT NE PAS S'APPLIQUER DANS VOTRE CAS.

La présente garantie confère des droits juridiques précis et il est possible que vous jouissiez d'autres droits, selon votre province de résidence.

IV. OBTENIR LE SERVICE DANS LE CADRE DE LA GARANTIE

Pour que la réparation soit couverte par la garantie, vous devez fournir une preuve d'achat (portant la date d'achat et le numéro de série du produit). De plus, vous devez livrer ou expédier le produit, en payant d'avance les frais de transport et d'assurance, à un centre de service homologué. Les services de garantie seront fournis par Motorola Solutions à l'un de ses centres de service autorisés. Dans certains cas, il est plus facile de recevoir les services de garantie en s'adressant d'abord à l'entreprise qui vous a vendu le produit (p. ex. le détaillant ou votre fournisseur de services de télécommunication).

V. CE QUI N'EST PAS COUVERT PAR CETTE GARANTIE

1. Les défauts et dommages résultant de l'utilisation du produit autrement que dans des conditions normales et habituelles.
2. Les défauts et dommages résultant d'une mauvaise utilisation, d'un accident, de la négligence ou de l'exposition à des liquides.
3. Les défauts et dommages résultant de méthodes d'essai, de fonctionnement, d'entretien, d'installation, de modification ou de réglage non adéquates.
4. Les bris et dommages des antennes, sauf si cela est causé directement par un défaut de fabrication ou de main-d'œuvre.
5. Un produit soumis à des modifications, à des réparations ou à un démontage non autorisés (y compris, sans s'y limiter, l'ajout au produit d'un équipement quelconque non fourni par Motorola Solutions) et qui

ont un effet négatif sur le rendement du produit ou qui nuisent à l'inspection ou à l'essai normal sous garantie du produit par Motorola Solutions en cas de réclamation.

6. Tout produit dont le numéro de série a été supprimé ou rendu illisible.
7. Batteries rechargeables si une protection étanche du boîtier protégeant les cellules de la batterie a été rompue ou présente des signes d'altération.
8. Batteries rechargeables si le dommage ou la défectuosité sont provoqués par la charge ou l'utilisation de la batterie dans un équipement ou avec un service autre que ceux qui sont spécifiés pour le produit.
9. Frais de transport vers l'atelier de réparation.
10. Tout produit qui, à cause de modifications illégales ou interdites apportées au logiciel ou au micrologiciel du produit, ne fonctionne pas conformément aux spécifications énoncées par Motorola Solutions ou sur l'étiquette de conformité de la FCC en vigueur pour le produit lorsque le produit a été initialement distribué par Motorola Solutions.
11. Les égratignures et autres dommages superficiels ne nuisant pas au fonctionnement du produit.
12. L'usure et le vieillissement normaux et habituels.

VI. DISPOSITIONS RELATIVES AUX BREVETS ET AUX LOGICIELS

Motorola Solutions défendra à ses frais toute poursuite menée en justice contre l'acheteur dans la mesure où la poursuite revendique que le produit ou certaines de ses pièces enfreignent un brevet des États-Unis, et Motorola Solutions paiera les frais et dommages finalement accordés au détriment de l'acheteur dans toute poursuite judiciaire attribuable à une quelconque revendication de cette nature, une telle défense et un tel paiement étant soumis aux conditions suivantes :

1. Motorola Solutions doit être rapidement notifiée, par écrit, d'une telle réclamation par l'acheteur;
2. Motorola Solutions maîtrisera entièrement la défense de l'action juridique et toutes les négociations d'accord ou de compromis;
3. Si le produit ou les pièces font ou, de l'avis de Motorola Solutions, peuvent faire l'objet d'une poursuite pour contrefaçon d'un brevet américain ou canadien, l'acheteur accordera le droit à Motorola Solutions, à la discrétion et aux frais de cette dernière, soit de procurer à l'acheteur le droit de continuer d'utiliser le produit ou les pièces, soit de remplacer ou de modifier ces derniers de manière à ce qu'ils n'enfreignent plus le brevet, soit d'accorder à l'acheteur un crédit équivalent à la valeur dépréciée du produit ou des pièces et d'accepter de reprendre ceux-ci. La dépréciation représentera un montant égal pour chaque année de durée de vie utile du produit ou des pièces, comme le détermine Motorola Solutions.

Motorola Solutions se dégage de toute responsabilité à l'égard de toute poursuite pour contrefaçon de brevet fondée sur une adaptation du produit ou des pièces mentionnées dans la présente à un logiciel, un appareil ou un équipement non fourni par Motorola Solutions. Motorola Solutions se dégage également de toute responsabilité à l'égard de tout équipement ou logiciel qui n'est pas fourni par Motorola Solutions et qui est rattaché au produit ou utilisé conjointement avec ce dernier. Ce qui précède énonce l'entière responsabilité de Motorola Solutions pour la contrefaçon de brevets relative au produit ou à toute pièce de ce dernier.

Les lois au Canada, aux États-Unis et dans d'autres pays protègent au nom de Motorola Solutions certains droits exclusifs visant les logiciels, comme ceux de reproduire des copies et de distribuer des copies desdits logiciels Motorola Solutions. Les logiciels Motorola Solutions ne peuvent être utilisés qu'avec le produit à l'intérieur duquel ils étaient installés à l'origine. Il est interdit de remplacer, de copier, de distribuer, de modifier d'une quelconque façon et d'utiliser le logiciel à l'intérieur du produit en vue de fabriquer un quelconque produit dérivé. Aucune autre utilisation, y compris, sans s'y limiter, l'altération, la modification, la reproduction, la distribution ou l'ingénierie à rebours, d'un quelconque logiciel Motorola Solutions n'est permise. Aucune licence n'est accordée pour inférence, estoppel ou autre en vertu des droits de brevets ou des droits d'auteur de Motorola Solutions ou de tiers.

VII. LOI APPLICABLE

Cette garantie est régie par les lois de l'État de l'Illinois, É.-U.