



**MOTOROLA SOLUTIONS**

Motorola Solutions, Inc.

**MOTOTRBO<sup>®</sup> Ion Release Notes**  
**Professional Commercial Radios (PCR)**  
**& Accessories**

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# Contents

<b>1. What's new in the Release</b>	<b>2</b>
<b>2. Product Versions</b>	<b>5</b>
<b>3. Known Issues in Product Release</b>	<b>6</b>

# What's new in the Release

## **Radio New Features**

### **1. Android 13**

Android OS 13 upgrade which introduces new features and capabilities

### **2. VB400 Emergency**

Emergency alert from the radio will automatically activate the recording of the VB400 camera

### **3. Text to Speech Support**

There are 2 preferred engine settings on the device that can support Text to Speech:

#### a) Speech Services by Google

- Language Selection is configurable on the device and offers a wider language support which may differ from Voice control language selection

#### b) Voice Control Response

- Language selection is configurable in Radio Central and will match the language selection for Voice Control

### **4. Extended Range Direct Mode**

### **5. Orchestrate Text Message Support**

### **6. Voice Control Extended Language Support**

- English (Australia)
- French (Canada)
- Portuguese (Brazil)
- Spanish (Chile)
- Spanish (Argentina)
- Spanish (Colombia)
- Spanish (Mexico)

## **7. Ownership Experience Phase 1: QR code**

Self-service support on the get started page which can be accessed in “About Device” found in the device Android Setting

## **Enhancements to existing features**

### **1. Seamless Voice Handover Feature Enhancements**

- a. Audible tone if the device is out of LMR or LTE coverage
- b. Side Programmable button to switch between LMR and WAVE PTX

### **2. Top display backlight support when interacting with the volume knob**

### **3. General Android Intent Programmable Button**

- a. Extend the support of any Android Application through the side programmable button
- b. Any Android applications which need to be launched using the side programmable button will first need to specify the intent-filters in its Manifest and then use Radio Central to configure “Conventional Radio Buttons Portable” to “Send to Android Application” provided in the drop down list.

## Product Versions

1. Listed below are all MOTOTRBO Ion Product types with a reference to the released version of software:

<b>MOTOTRBO Ion Product</b>	<b>Version Supported in Release</b>
<b>Subscriber – MOTOTRBO Ion</b>	R03.00.01
<b>BP version</b>	R02.24.01.2001
<b>RadioCentral Client</b>	2.146.123.0
<b>Radio Management</b>	2.146.122.0
<b>Tuner</b>	V24.01 Build 1

# Known Issues in Product Release

## Overview

This section details the known MOTOTRBO Ion product issues which remain outstanding at the time of this release of software to the field.

Known product issues are divided into two categories:

- Known issues contained within the current release
- Resolved Issues that have now been fixed within the current release

## Definitions

1. A known issue is a problem that is currently unresolved (open).
2. The risk and workaround aspects are included in the release note description (Known Issues) for overall assessment of the problem.
3. A closed or resolved issue is one that has been repaired and no longer should occur in the product after upgrading to the new product version.

## Device Impact

**Issue Number:** DEVPCRMAC-186

**Description:** When the device is being charged, the top display battery level indicator should be referred to instead of the front display for better accuracy of the charge level

**Workarounds:** N/A

**Issue Number:** PCR\_SUB-33284

**Description:** When LMR has privacy configured, over the air LMR RF transmission of calls is not encrypted when the user is talking on the broadband network.

**Workarounds:** N/A

**Issue Number:** PCR\_SUB-33770/PCR\_SUB-34610

**Description:** When an Ion user in the broadband mode tries to initiate a private call or an Instant Personal Alert (IPA) via contact list to a target radio that is offline, the presence status of the target radio will still appear as online on the Ion radio contact list.

**Workarounds:** N/A

**Issue Number:** PCR\_SUB-34462  
**Description:** If an interop group call is initiated from an Ion radio in LMR and there is no Ion radio participant in the Broadband mode, the Ion radio that moves from LMR to Broadband mode will not be able to join the ongoing interop group call as late entry

**Workarounds:** N/A

**Issue Number:** PCR\_SUB-34686  
**Description:** In an emergency interop scenario, the emergency alarm initiated from an Ion radio in a converged broadband or broadband channel can only be canceled by the emergency originator itself or a WAVE PTX authorized user (e.g. WAVE PTX dispatcher assigned as authorized user).

Emergency cancel triggered by TRBOnet console will not be able to cancel the emergency.

**Workarounds:** N/A

**Issue Number:** PCR\_SUB-34871/PCR\_SUB-34237  
**Description:** When an Ion radio is powered off in Broadband mode (either in WAVE PTX channel or converged broadband channel), the presence status of the Ion radio will still appear as online on TRBOnet console. If a private call is initiated to the power off unit, the private call will be successful

**Workarounds:** N/A

**Issue Number:** PCR\_SUB-35488  
**Description:** When an Ion radio in broadband mode is in an emergency state and the user performs a mode change from the broadband channel to a LMR channel (either a LMR channel or a converged LMR channel), it will receive an emergency alarm from its own radio

**Workarounds:** Dismiss the emergency alarm from notification screen

**Issue Number:** MAUIAP-32385  
**Description:** When Ion is using WPA3 hotspot setting, R7 is unable to connect to hotspot

**Workarounds:** Enabling WPA2 in the Hotspot security setting in Ion will support hotspot connection to R7

**Issue Number: MAUIAP-41662**

Description: Audio on Bluetooth accessories will be muted when the video recording is turned on

Workarounds: Turn off Bluetooth on the device if video recording is initiated to route the incoming audio to the device internal speaker

**Issue Number: MV\_EDJ\_SW-4405**

Description: VB400 intermittently re-connects to Ion when bluetooth is switch off and then turned on again from the device settings when Bluetooth Tethering is enabled

Workarounds: Power cycle the Ion radio or place the VB400 back to the docking station

**Issue Number: ACCY-5284**

Description: Ion may not reconnect back to WM500 or EP910 when the bluetooth accessories goes out of range and then back in range

Workarounds: Power cycle the BT accessories and the Ion radio to reconnect back to WM500 or EP910