

UPDATED MARKETING ANNOUNCEMENT

We are pleased to announce
Bluetooth & Wi-Fi enabled
versions of the

MOTOTRBO™

R5



MOTOROLA SOLUTIONS

What's new with MOTOTRBO R5 portable two-way radios

We've updated the R5 series to ensure better connectivity and reliability for your team, wherever they operate.

New Bluetooth & Wi-Fi Models:

Connect accessories easily and update your radio remotely - no trip back to the workshop needed.

Key features

- VHF and UHF
- Wi-Fi 2.4/5.0 GHz¹
- WPA3 Wi-Fi security protocol compliant¹
- Bluetooth® Core version 5.2¹
- Integrated GNSS location tracking¹
- Digital and analogue signalling
- 1.5" 132 x 48 px display
- Modern, intuitive user experience
- Wide suite of accessories
- Sleek and ergonomic form factor
- Automatic acoustic feedback suppression
- SINC+ noise suppression
- AI-trained noise suppression
- Intelligent audio
- IMPRES™ audio and energy technology
- Programmable loudness up to 106 phons
- Wideband speaker
- Simple audio configuration
- Up to 32 hours battery life
- IP67 dust-tight and waterproof
- Intrinsically safe option (UL TIA4950)
- Robust side accessory connector
- Rugged to MIL-STD 810H
- Enhanced 5 year warranty as standard with optional add-ons for enhanced cover

¹ R5 is available in three configurations: NKP, LKP with GNSS OR LKP with Bluetooth and Wi-Fi.

R5 UHF models are now certified to maritime standards for use on board vessels.

Use the new Bluetooth R5 with our range of wireless accessories for greater choice and flexibility.



Cut through the noise

Loud audio

Be heard over high-noise backgrounds

- Default maximum loudness 101 phons²
- Programmable extra loud profile up to 106 phons

AI-trained noise suppression

Suppress background noise

- Advanced software algorithm embedded on the radio
- Distinguishes between voice and surrounding noise
- Enhances voice clarity while suppressing background noise

Consistent audio levels

The R5 has a suite of other audio features designed to give optimal performance in a wide range of operating conditions

- Intelligent audio
- Received audio levelling
- Automatic acoustic feedback suppression

²The phon is a subjective measure for sound loudness that takes into account the frequency sensitivity of the human ear.

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Focus on the task

Selectable display configuration

- 1.5" monochrome display for clear status and call information
- User selectable 2 or 3 line configuration to match user preference
- Tri-colour status LED provides visible indication of radio status

Optimised controls

- Orange emergency button makes calling for help easier
- Large, tactile PTT button for reliable call initiation
- Rotary on/off/volume and channel selector knobs make it easier to use even while wearing gloves

Long talk time

- Long-lasting 2200 mAh, 2400 mAh and 3200 mAh battery options

Connected

- Uses GNSS¹ (Global Navigation Satellite System) which monitors location of workers and assets for enhanced efficiency and safety
- RFID and NFC passive tags available as aftermarket kits
- Built-in Bluetooth¹ 5.2 and Wi-Fi¹ makes it easy to wirelessly connect R5 to a range of accessories and remotely update the radio without the need to bring it back to the workshop

Built to last

Durable and reliable

Designed to withstand tough conditions in the workplace

- IP67 dust tight and waterproof
- MIL STD 810C, D, E, F, G, H across 11 categories
- Motorola Solutions ALT
- Robust accessory connector

Software security

- Secure processor
- Secure enhanced Linux operating system (SE Linux)
- Software developed under the NIST cybersecurity framework

Intrinsic safety

Intrinsically safe certified for use in hazardous locations

- ANSI/TIA4950
- Class I, II, III
- Division 1, Groups C, D, E, F, G
- Division 2, Groups A, B, C, D

Maritime certification

R5 UHF models are maritime certified to EN 300 720 V2.1.1 and IEC / EN 60945:2002 standards for use on board vessels.



Accessories

A range of accessories are available including RSM's, a 2-wire earpiece, a selection of batteries and carry cases as well as RFID and NFC tags



RM560



RM530



2-wire earpiece



Batteries and cases

The following range of accessories are compatible with the Bluetooth enabled R5 model:



PMLN8298A

WP300 Wireless bluetooth control Push-to-talk POD



PMLN8332A

Vehicle Mount for WP300



PMLN6246A

Swivel clip (WP300)



PMLN8077A

Swivel earpiece with eartip, long cord



PMLN8125A

Swivel earpiece with eartip, short cord



PMLN8190A

1-Wire Surveillance Earpiece with Translucent Tube, 2.5mm Single Pin



PMLN8092A

Replacement translucent tube (WP300)



PMMN4127A

Portable RSM WM500, IP67, 3.5MM Jack, EMER, Vol CTRL, 4 Prog



PMLN7560A

Rx Only translucent tube (for use with WM500 RSM - PMMN4127A)

Marketing assets

[Customer presentation](#) (requires Partner Central log on)

[Video](#)

[Web page](#)

[Brochure](#)

[Datasheet](#)

[Product documentation](#)

[Product training](#)

[Full accessories](#)

To learn more, visit:
www.motorolasolutions.com/R5



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