

MARKETING ANNOUNCEMENT

We are pleased to announce
the launch of the NEW

MOTOTRBO™

R5



MOTOTRBO R5 portable two-way radios

MOTOTRBO R5 connects teams, helping boost efficiency and safety with clear, loud audio that cuts through background noise and intuitive status indications and controls so workers can focus on their tasks, all in a tough, compact device that's built to last.

Key features

- VHF and UHF
- Integrated GNSS location tracking
- 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



Cut through the noise

Loud audio

Be heard over high-noise backgrounds

- Default maximum loudness 101 phons¹
- 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

¹ The phon is a subjective measure for sound loudness that takes into account the frequency sensitivity of the human ear.

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 GNSS (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 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



Accessories

A range of accessories will be 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

Marketing assets

Presentation
(requires Partner
Central log on)



Video



Web page



Brochure



Data sheet



Webinar recording



To learn more, visit:

www.motorolasolutions.com/R5



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