

Brochure

MOTOTRBO™ R5 portable two-way radios

Cut through the noise.
Focus on the task. Built to last.

MOTOROLA SOLUTIONS

MOTOTRBO R5
portable
two-way
radios



Be efficient



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



Cut through the noise

R5's loud, clear audio helps the message get through the first time, whether conditions are noisy or quiet.

Loud

If workers can't hear messages above noisy vehicles, a cheering crowd or heavy plant machinery, safety and efficiency can be compromised. R5's powerful built-in speaker delivers loud audio so workers can hear messages above background noise and users can even select an extra-loud audio profile for up to 106 phons loudness in extremely noisy environments. A wide selection of headsets and earpieces is also available to allow workers to hear messages discreetly or in high-noise workplaces.

Clear

R5 features a sophisticated AI-trained noise suppression algorithm for advanced background noise reduction to help ensure messages are transmitted clearly. Software embedded in the device distinguishes between the talker's voice and the various types of surrounding noise such as vehicles, crowds and heavy machines; speech is retained while ambient noise is significantly reduced. The MOTOTRBO R5's low distortion wideband speaker plays received messages loud and clear to help prevent miscommunication.

Consistent

R5 is designed to optimize audio performance across a wide range of workplace environments and worker profiles so users don't need to constantly adjust the radio volume. Its IMPRES™ technology and Received Audio Leveling smooth out the differences in users' voice level and microphone placement. Intelligent Audio adjusts the radio output to avoid blaring messages or missed calls, adapting to changes in the background volume or as workers move between noisy and quiet environments.

Focus on the task

Optimized controls, tactile buttons and long battery runtime make R5 easy and intuitive to use all day long so workers can focus on their job, not their radio.

Optimized controls

Intuitive controls make R5 easy to use with minimal training. Its large rotary volume and channel selector control knobs are simple to operate, even when wearing gloves. The large, tactile push-to-talk (PTT) button gives precise performance, programmable buttons are quick shortcuts to frequently used features and a dedicated orange emergency button makes calling for assistance easy. The bright, clear display provides icons to show radio status and can be configured to show two or three lines to match user preference.

Long talk-time

MOTOTRBO R5 batteries are small and light, but packed with enough power to keep the radio running through multiple work shifts, with up to 32 hours runtime from a single charge[1]. Optimize the performance of R5's IMPRES battery with an IMPRES charger that helps keep the battery in peak condition for longer, extending the battery's usable lifetime.

Connected

Built-in Bluetooth 5.2 makes it easy to wirelessly connect R5 to a range of accessories while minimizing power consumption, and Wi-Fi with WPA-3 enables secure remote updates and reprogramming without the need to bring the radio back to the workshop. RFID and NFC tags can be added to R5 for asset tracking, inventory management, and personnel identification, or to assign Motorola Solutions VB400 body cameras to a specific user.

[1] Typical battery life, 5/5/90 profile at maximum transmitter power with Bluetooth and Wi-Fi disabled. Actual observed runtimes may vary.



Built to last

R5 has been designed to withstand the knocks and drops of the workplace so it will work as well in the future as it does today.

Durable

When you need a reliable two-way radio for use in harsh conditions, whether inside or outdoors, you can trust MOTOTRBO R5 to perform. It is dust-tight and waterproof, rated IP67 for protection against dirt and water and meets MIL-STD-810 requirements for resilience against harsh environmental conditions like drops, vibration, temperature changes and humidity.

Resilient

MOTOTRBO R5 is designed, tested and built to the highest standards to help ensure each device performs as required, not just on day one but for years to come. For additional peace of mind, warranty and service coverage provides access to software updates and hardware repair to keep radios operating to the latest levels.

Reliable

When users rely on their two-way radios for day-to-day operations, they need reliable equipment that lasts. Like all MOTOTRBO Radios, R5 has undergone Motorola's unique Accelerated Lifecycle Testing (ALT), a rigorous regime that simulates 5 years of use to ensure that the radios can withstand the demands of real-world use, giving users confidence that their Motorola devices will perform as needed when it counts the most.

Safe

Working in hazardous locations needs equipment fit for the job. MOTOTRBO R5 is available with ANSI TIA4950 and CSA C22.2 intrinsically safe (IS) certification for use in areas where flammable substances may present a fire or explosion hazard, helping keep workers connected safely.



Built to last

Customize your MOTOTRBO R5 with Motorola Solutions original accessories that are designed and tested with our radios to provide optimal performance and to meet regulatory requirements. Choose from a wide range including remote speaker microphones (RSMs), earpieces, headsets, batteries, chargers and carry cases.

Audio

Clear, comfortable and convenient
Fine-tune your audio experience with an audio accessory designed to complement the R5's performance. Select from a range of wired and wireless accessories including remote speaker microphones, earpieces and headsets.

Energy

Powerful and long-lasting
You need a battery that's as powerful as your radio. Our long-lasting, lightweight batteries last a full shift, ensuring the MOTOTRBO R5 works when you need it. A variety of flexible charging solutions enables you to charge one or up to six batteries simultaneously, so your radios are always ready for the next shift.



Carry

Secure, easy access
Our range of carry cases, straps and clips allows users to work handsfree by safely securing R5 to their waist, hip or chest, and ensures the radio is easily to hand when needed.



Protect your investment

MOTOTRBO R5 is built to last, and is supplied as standard with five years of access to software updates and hardware repair to help keep devices current and in case of manufacturing defects. For even greater peace of mind, optional service packages are available to provide enhanced or extended cover.

MOTOTRBO R5 within the Motorola Solutions safety and security ecosystem



Our ecosystem of technologies helps protect people, property and places. Voice, video and data are unified, so information flows, operations run and collaboration improves to help strengthen safety everywhere. Built to seamlessly evolve and scale, and grounded in nearly 100 years of close customer and community collaboration, it's the technology ecosystem that's solving for safer.

MOTOTRBO R5 is built into this ecosystem so you can get more out of your communications investment. Keep your teams aware and streamline critical communications by receiving automatic notifications from your video security and access control systems, sensors and more directly on your device. Control and consolidate instant voice communications from your desktop using innovative computer-aided dispatch solutions. And extend communications beyond your radio network with interoperability with flexible broadband push-to-talk solutions

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

MOTOROLA SOLUTIONS

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These models available in Motorola Solutions NA region only. Availability varies and is subject to individual country law and regulations. All specifications shown are typical unless otherwise stated and are subject to change without notice.

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