

Brochure

MOTOTRBO R7

Portable two-way radios



MOTOROLA SOLUTIONS

Be heard

MOTOTRBO™ R7 is a digital portable two-way radio that offers loud, clear, customizable audio capabilities in a rugged, dependable device.

Its advanced audio processing ensures that your voice is always understood, while the rugged construction is ready for the toughest environments.



Hear and be heard,
connect when it
counts and get critical
information quickly



MOTOTRBO R7 enables your team to hear and be heard clearly when communication is critical



Loud and clear

Sharp, clear audio

MOTOTRBO R7 enables your team to hear and be heard clearly when it matters most. Adaptive dual microphone technology and AI-trained noise suppression brings incredible noise canceling to your communications, allowing you to hear your team over the deafening sound of machinery or the roar of a stadium at full capacity. Automatic Acoustic Feedback Suppression intelligently cancels out the feedback from other nearby radios, for a professional user experience when standing close to colleagues. Intelligent Audio monitors background noise and adjusts speaker volume so you don't have to, ensuring calls are always at the perfect volume.

Be heard above all else

MOTOTRBO R7 delivers exceptional loudness, so your team can hear calls in any situation. Its powerful speaker delivers a booming loudness of 102 phons, four times louder than a shouting conversation. R7 also features a programmable extra loud profile, bringing total loudness to 107 phons on the radio and with the remote speaker microphone — four times louder than a motorcycle at close range.

Customizable audio experience

MOTOTRBO R7 can be paired with accessories that are specially designed to make your fleet easier to use and even more capable, especially in loud environments. Remote speaker microphones and other accessories let you quickly reach and use your radio. R7's extra loud profile can be supported on a number of purpose-built accessories. And our IMPRES™ technology ensures that R7 works seamlessly with your Motorola Solutions accessories, so every call is heard perfectly.





Designed for business

Built to last

MOTOTRBO R7 is tested to meet military standards, and built to outperform whatever is thrown its way. R7 is intrinsically safe, so you can use it in hazardous environments without the risk of ignition or fire. IP68 and IP66 ratings mean that it's completely dust-tight and protected from water immersion of up to 2 meters for 2 hours, as well as direct impact from high pressure water jets. Even the screen is ruggedized for impact resilience and can withstand multiple drops onto concrete. And R7's housing material was specially designed for the medical industry to resist disinfectants and decontamination substances.¹

Minimize downtime

Your radios serve you best when they're easy to use, operate, and ready when you need them. Powered by lithium ion cells, MOTOTRBO R7's batteries keep weight and size down while providing exceptional battery life and talk time. IMPRES self-calibrating batteries eliminate hours of downtime spent calibrating and reconditioning batteries, while IMPRES chargers maximize the charge cycles from every battery so you get the most from your investment. Built-in safeguards ensure your device is safe from unauthorized access and interception. With over-the-air programming and updating via Wi-Fi, you can keep your radios up to date without taking them out of the field. And our included services² help you resolve issues with minimal downtime so you can keep your devices in the field longer, with five years of included coverage.

Connected when it counts

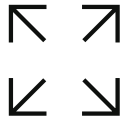
R7 is ready to empower your team with custom voice coverage to keep workers connected when it counts, anywhere you do business. MOTOTRBO systems combine superior signal strength and receiver sensitivity, flexibility to customize site coverage, predictable cost structure built around your needs, control to decide which features and which devices go on your network and the capacity for as many devices as your workers need to help ensure their team is only a button's push away. For even greater coverage, or to fill in dead spots on your MOTOTRBO network, use the WAVE PTX™ Backup Client to switch to broadband PTT communications over the radio's Wi-Fi connection. The user can manually switch between DMR and broadband, or channels can be configured for Seamless Voice Handover that will automatically switch based on preconfigured signal strength levels.

Powered by lithium cells, MOTOTRBO R7's battery enables a compact form factor while providing more talk time

¹ Please refer to the MOTOTRBO R7 user manual for a list of approved disinfectants and decontamination substances.

² Essential services provide five years of assurance through hardware repair coverage, technical support and software updates. Five-year accidental damage coverage is available as an add-on service.





Ready for tomorrow

Big features, compact design

More features than ever before, in a sleek and ergonomic form factor.

Connect and collaborate

Connected to collaborate — not inundate. Keep your team connected and streamline critical communications, while collaborating with video security systems, sensors and more. Reimagine safety, security, and connectivity into a single business-critical communications workflow. Prioritize only the alerts that keep your workforce and customers safe, without suffering notification overload, and keep your team at peak productivity and efficiency. And as your operation becomes more connected, so can your MOTOTRBO radios.

Critical info at first glance

The MOTOTRBO R7 radio features a clear, toughened screen to provide users with the information they need at a single glance. With the large color display and intuitive navigation, your team can stay informed and productive. Users can get to what they need faster, with an uncomplicated user experience that minimizes any learning curve. With detailed notifications on the home screen, there's no need to scroll through multiple screens to access alerts or text messages. And a single button's press allows users to get to commonly used actions with ease.



All these features fit into a streamlined design, easy for your teams to carry for an entire extended shift.



MOTOTRBO R7 accessories

Audio

Loud and clear, designed for comfort and wearability

A range of wired and wireless audio accessories enable a tailored experience. Bluetooth provides fast and secure wireless connectivity, while the sleek and compact GCAI-mini wired accessory port is designed for improved wearability.



Energy

Maximize power for the longest shifts

If the battery dies, it jeopardizes everything. Our slim, lightweight batteries provide long runtime that lasts a full shift, so MOTOTRBO R7 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

Choose from our range of belt clips and carry cases that are designed for ease, yet provide secure access to the MOTOTRBO R7 radio when wearing it on the waist or hip so your team can stay hands free and focused on the task ahead.



Antennas

Designed for wearability and range

MOTOTRBO R7's antennas are designed for comfort without compromising performance. Short and flexible, these antennas won't interfere with wearability or use in mission-critical environments.



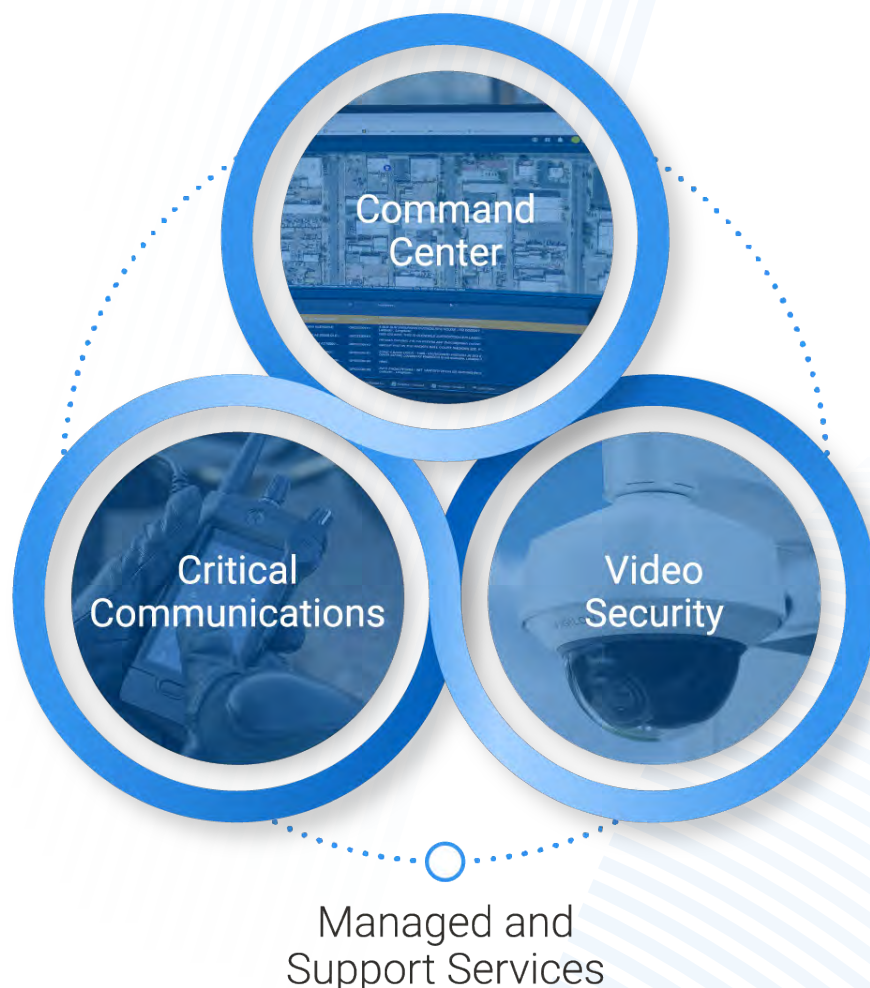
To view MOTOTRBO R7's full suite of accessories, please visit:
www.motorolasolutions.com/R7/accessories

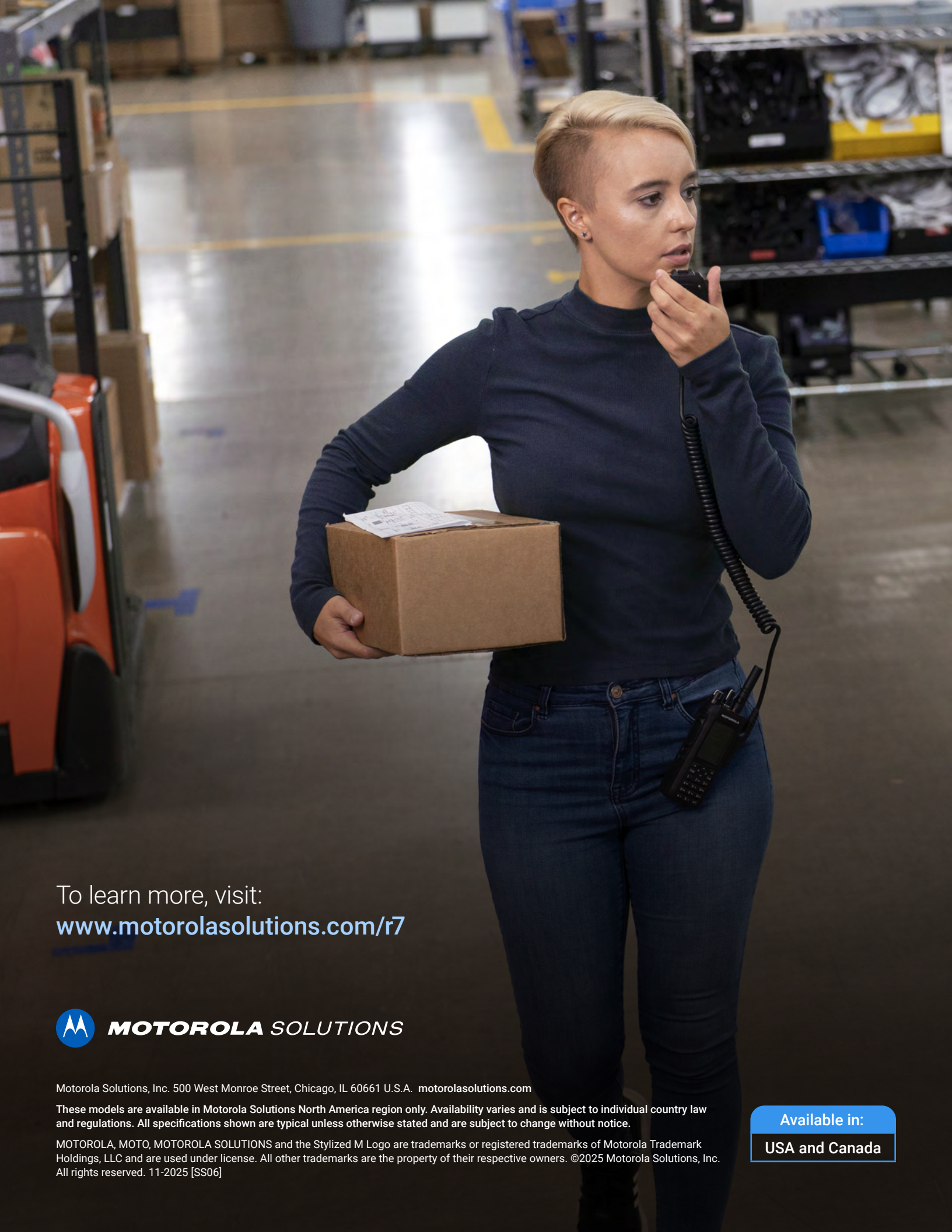


MOTOTRBO R7 and the Motorola Solutions Ecosystem

In our never-ending pursuit to help keep people safer everywhere, our ecosystem of technologies centers on safety and security. We build and connect technologies to help protect people, property and places. Our solutions enable the collaboration between public safety agencies and enterprises that's critical for a proactive approach to safety and security.

MOTOTRBO R7 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/r7



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These models are available in Motorola Solutions North America 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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