MOTOTRBO

R7

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PORTABLE TWO-WAY RADIOS

MOTOROLA SOLUTIONS

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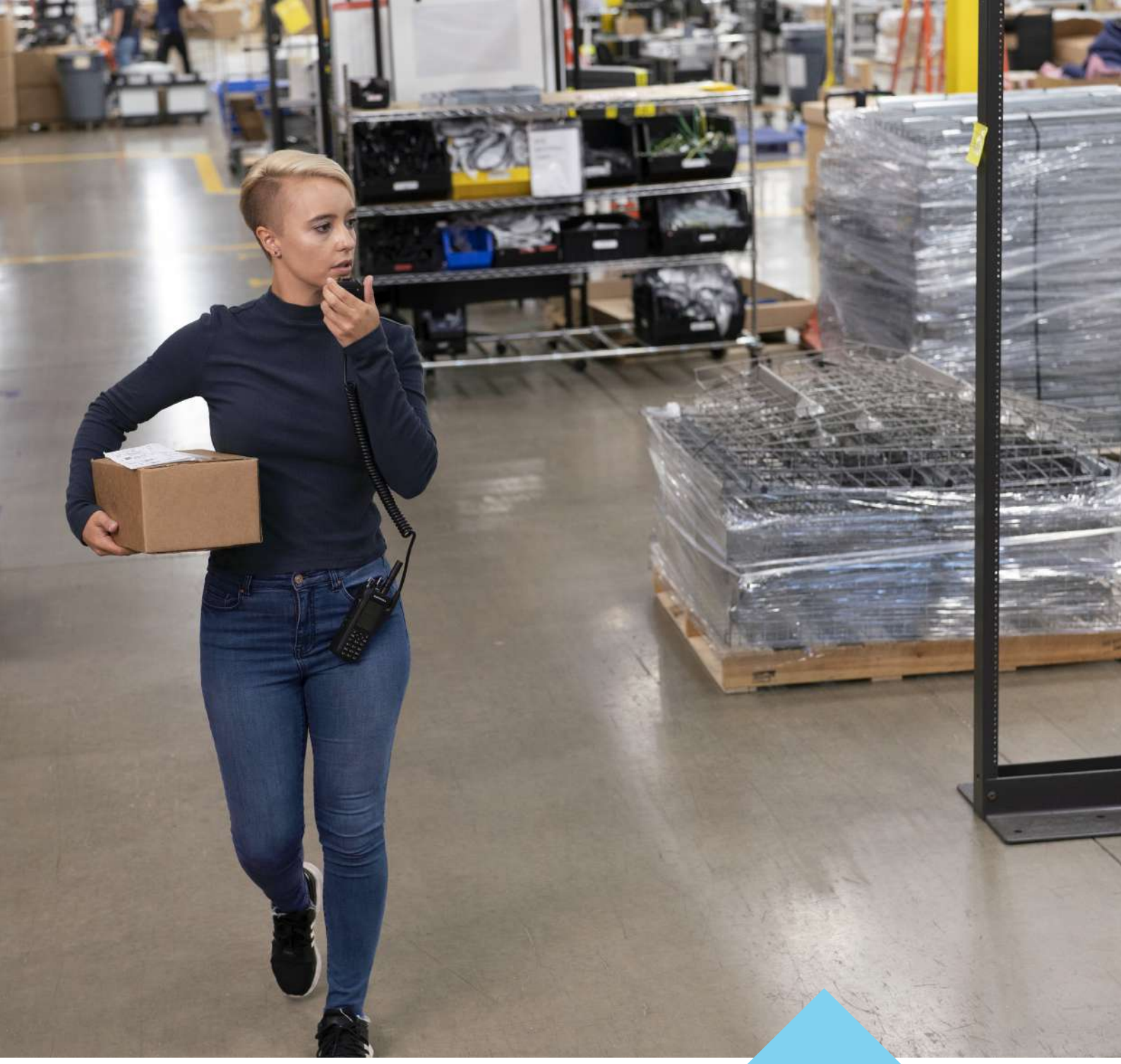
TWO-WAY RADIOS

BE HEARD



MOTOTRBO™ R7 IS A DIGITAL PORTABLE TWO-WAY RADIO THAT OFFERS LOUD, CLEAR, AND CUSTOMISABLE AUDIO IN A RUGGED, DEPENDABLE, AND CONNECTED 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

LOUD AND CLEAR

CRYSTAL CLEAR AUDIO

MOTOTRBO R7 enables your team to clearly hear and be heard when it matters most. The Adaptive Dual Microphone Noise Suppression brings incredible noise cancelling 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 messages are always at the perfect volume in digital or analogue mode. The IMPRES™ audio technology in the R7 works seamlessly with your Motorola accessories so every call is heard clearly every time.

BE HEARD ABOVE EVERYTHING

MOTOTRBO R7 delivers exceptional loudness so your team can hear and be heard in any situation. Engineered with a powerful speaker, the R7 delivers a phenomenal loudness of 102 phons out of the box, loud enough to be heard over the roar of passing traffic. The R7 also features an extra loud audio profile, raising the total loudness to 107 phons on the radio and connected remote speaker microphones for use in the loudest areas you visit.

CUSTOMISABLE AUDIO EXPERIENCE

The MOTOTRBO R7 can be paired with accessories that are specially designed to make your fleet easier to use and even more capable. Remote speaker microphones and other accessories let you quickly use your radio even in loud environments where you may normally have to move to a quieter area. The R7's extra loud profile is supported on many of the purpose-built R7 accessories, meaning your audio requirements are unaffected by your choice of accessory. The carefully designed accessory port adds robust and reliable connectivity to your accessories while being resistant to dust and corrosion.

MOTOTRBO R7 ENABLES YOUR TEAM TO CLEARLY HEAR AND BE HEARD WHEN COMMUNICATION IS CRITICAL

DESIGNED FOR BUSINESS

BUILT TO LAST

MOTOTRBO R7 is designed and tested to MIL-STD-810 military standards meaning it has no problem accompanying you no matter where or how you work. Device testing to IP66 and IP68 standards show that R7 radios are completely dust-tight and protected from water immersion up to 2 metres deep for 2 hours, as well as high-pressure water jets from any direction. Even the enlarged screen is ruggedised for impact resilience and protection from drops. R7 radios are available with approvals to UL TIA-4950, so you can use them in corresponding explosive environments without the risk of ignition or fire. Additionally, the housing material was specially designed for the medical industry to resist damage from disinfectants and decontamination substances[1], ensuring your radio will last through years of use, cleaning and disinfecting without breaking down.

POWERED BY A LITHIUM CELL BATTERY, MOTOTRBO R7 PROVIDES IMPRESSIVE BATTERY LIFE WHILE KEEPING WEIGHT AND SIZE DOWN

MINIMISED DOWNTIME

Your radios serve you best when they're easy to use, simple to manage, and stay in the field longer. Powered by Lithium Ion cells, MOTOTRBO R7's batteries keep weight and size down while providing long periods between charges. IMPRES® self-calibrating batteries eliminate hours of downtime spent calibrating and reconditioning batteries, while IMPRES chargers maximise the charge cycles from every battery so you get the most from your investment. To keep your devices protected from unauthorised use, built-in safeguards and remote kill and stun radio functions mean your network is only used by those who you want talking. 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.

CONNECTED WHEN IT COUNTS

R7 will keep your teams connected when it counts. The device features push-to-talk (PTT) capabilities for instant communications with your team and dispatchers, so you no longer need to worry about signal coverage and reliance on networks maintained by other organisations. R7 radios have superior receiver sensitivity allowing you to send and receive messages at the edge of coverage where other radios may struggle. MOTOTRBO R7 radios can be used for device-to-device communications in the field while still being compatible with every type of MOTOTRBO system; whether you have a small single-site installation, or a network covering an entire country.

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

READY FOR TOMORROW

BIG FEATURES, COMPACT DESIGN

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

Large and optimally-located emergency button

2.4/5GHz Wi-Fi and Bluetooth 5.2 for fast and secure connectivity

Large 2.4 in. QVGA 320 x 240-pixel display for simple navigation

All these new features fit into a sleek and sophisticated form factor that is rugged while being easy for your teams to carry for an entire extended shift.

Front and back microphones for advanced noise cancelling

Li-Ion batteries to keep your radio light while providing long battery life

Powerful forward-facing speaker, positioned behind the keypad, delivers loud and clear audio

CONNECT AND COLLABORATE

The MOTOTRBO R7 is built with Wi-Fi 5 and Bluetooth® 5.2 connectivity on-board, making connections between radios, data sources, and accessories simple and fast. The modern connectivity provided by these technologies increases bandwidth while minimising power consumption, ensuring your devices last the full shift. With R7 radios, notifications from video security systems, alerts from gas sensors, text messages from colleagues and more can be accessed through your device. With increased connectivity, there is a risk of information overload for your mission-critical operatives; R7 radios reduce this risk by prioritising only the alerts that keep your workforce and customers safe, keeping productivity, efficiency, and safety high.

CRITICAL INFO AT FIRST GLANCE

The MOTOTRBO R7 radio features a large 2.4in. QVGA 320 x 240-pixel display, providing users with the information they need at a single glance. With the colour display and large screen, reading text and navigation of the menus is intuitive and fast, exactly what you want from a mission-critical device. The screen displays relevant information by default such as channel and a single button press allows users to get to commonly used actions with ease.

WITH THE MOTOTRBO R7, YOUR TEAM CAN STAY FOCUSED ON THE TASK AHEAD

MOTOTRBO R7 ACCESSORIES

AUDIO

LOUD AND CLEAR, DESIGNED FOR COMFORT AND WEARABILITY

A range of wired and wireless audio accessories enables a tailored experience. Bluetooth 5.2 provides fast and secure wireless connectivity, while the sleek and compact GCAI-mini wired accessory port is designed for improved wearability. The MOTOTRBO R7 comes with an extra loud audio profile option which is compatible with several remote speaker microphones and surveillance earpieces for areas with high ambient noise.

ENERGY

MAXIMUM POWER FOR THE LONGEST SHIFTS

Our lightweight yet robust batteries provide power that lasts a full shift, ensuring that your MOTOTRBO R7 radio works when you need it. With a variety of flexible charging solutions, you can charge one or up to six batteries simultaneously, so your radios are always ready for the next shift.

CARRY

SECURE, EASY ACCESS

Choose from plastic carry cases and belt clips, all designed to secure the radio to your body while providing easy access to the R7 radio when you need it. With R7 carry solutions, your team can stay hands-free and focused on the task ahead.

ANTENNAS

DESIGNED FOR WEARABILITY

Motorola Solutions' R7 antennas provide convenience 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:
motorolasolutions.com/R7/accessories

MOTOTRBO R7 AND THE MOTOROLA SOLUTIONS ECOSYSTEM

Motorola Solutions has developed the first and only technology ecosystem that unifies voice, video, data and analytics in a single platform, enabling individuals, businesses and communities to work together in more powerful ways. We call it Safety Reimagined.

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. You can even extend communications beyond your radio network with interoperability with flexible broadband push-to-talk solutions.

For more information, please visit
motorolasolutions.com/R7

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Availability 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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