Brochure



TLK 200i

Rugged push-to-talk.
Automated safety.
Boundary-free communication.

MOTOROLA SOLUTIONS

Connect without boundaries. Protect without limits.

Delivering high-quality, seamless operational experiences relies on invisible, backend coordination. With demanding work environments and changing workforce dynamics, maintaining consistent safety and performance has become more critical than ever.

Protect and connect your workforce with the TLK 200i, a rugged, broadband push-to-talk device for WAVE PTX users that automates frontline safety and extends communication across your entire operation. Engineered for demanding, multi-shift environments, it combines next-generation processing and intelligent audio features to maximise daily productivity.

Take your operations further with the SafeGuard package, which unlocks critical safety features like Emergency Calling and Alerting, Fall Alert and Lone Worker.





Intelligent communication

Driven by an upgraded processor, expanded memory and increased storage, the TLK 200i delivers high-velocity performance and enhanced connectivity across demanding operational environments.

Voice messaging

With voice messaging, users can record and send asynchronous audio clips to individuals or groups, allowing recipients to listen to operational updates once they are clear of immediate tasks. This on-demand communication reduces interruptions and streamlines non-urgent workflows.

Call Feedback

If a recipient is unavailable during a push-to-talk call, call fallback automatically routes the transmission into a recorded voice message. This automated transition prevents communication bottlenecks, allowing busy field workers to drop an audio clip and return to their tasks knowing the information is securely captured.

Flexible connectivity options

In locations where cellular connectivity may be limited, the TLK 200i can place calls over your pre-existing 2.4 and 5 GHz Wi-Fi networks, providing reliability and flexibility, no matter the environment.

Background noise suppression

Background noise suppression allows users to maintain clear, professional-grade voice communication regardless of heavy ambient noise. This exceptional audio clarity helps eliminate distracting “can you repeat that” interruptions, increasing team communication efficiency while reducing cognitive fatigue.

Integrated wideband speaker

The TLK 200i’s integrated wideband speaker helps users hear and understand every transmission with crystal-clear fidelity and natural vocal tones, even when operating in noisy environments. This exceptional audio clarity helps teams reduce misheard instructions and costly operational errors, speeding up task execution by reducing the need to repeat messages over the radio.



Rugged durability meets multi-shift fleet efficiency

The TLK 200i combines a resilient, shareable physical design with all-day operational uptime to maximise daily productivity and maintain continuous worker focus across demanding, back-to-back rotations..

User-focused design

Designed with user-centric ergonomics, the TLK 200i allows personnel to comfortably grip, carry and operate their hardware for the entirety of a long shift — even when wearing gloves or operating under high-stress conditions. Combined with a low-distraction interface and a 2.5-line LED screen, it lets users focus on the mission at hand rather than struggling with cumbersome hardware to help maximise daily productivity.

Built for sharing

For teams that rotate across shifts, the TLK 200i's antimicrobial housing supports safe, frictionless device sharing among frontline personnel. Its extended 18-hour battery life comfortably outlasts multiple shifts or unexpected overtime, ensuring workers remain reachable without mid-task recharging disruptions.

Effortless accessory pairing

Seamlessly connect your team's preferred wireless earpieces and audio accessories with hassle-free open Bluetooth pairing.

IP67 and military-grade build

The TLK 200i is engineered with IP67 and MIL-STD-810 ratings to withstand drops, heavy moisture and debris. This dustproof and highly water-resistant device delivers long-term operational reliability in the toughest field conditions.

Safety that triggers itself

Prioritise worker safety in high-risk environments with the SafeGuard package, designed to protect isolated or vulnerable personnel when every second counts. Users can press the TLK 200i's dedicated emergency button to prioritise critical alerts over routine network traffic, while Fall Alert and Lone Worker features trigger automated distress protocols if a worker is incapacitated or unable to reach their device.

SafeGuard Feature

Emergency Calling and Alerting

Emergency Calling and Alerting bypasses routine network traffic to escalate critical communications, reaching dispatchers with the highest priority to cut down response times. For added security, dispatchers can also remotely initiate emergency protocols on behalf of a user to monitor or participate in life-threatening situations.

SafeGuard Feature

Lone Worker

Lone Worker sets an automated response timer on the user's device that triggers an emergency call if no activity is detected over a set period. Even if an employee is incapacitated or unable to physically reach their device, the system ensures that designated personnel are notified.

SafeGuard Feature

Fall Alert

Designed for high-risk environments, Fall Alert automatically identifies when a user has suffered a fall or suddenly stopped moving. The device initiates an emergency call to dispatch without requiring any manual interaction from the worker. This ensures that even if a worker is knocked unconscious, critical location and distress data are immediately sent to the dispatch centre for a rapid response.



Enhanced situational awareness with location data



Maintain complete visibility across your operational footprint with intelligent location-based features that seamlessly sync personnel the moment they cross boundaries.

GNSS location data

With GNSS location tracking, administrators can easily access highly accurate outdoor location updates for real-time field visibility. This reliable data flow streamlines device management and workflow tracking, keeping dispatchers continuously informed of where employees are located.

SafeGuard Feature

Location-Based Talkgroups

To optimise field coordination, the SafeGuard package offers Location-Based Talkgroups to enable dispatchers to automatically group field users into temporary, geofenced communication channels the moment they enter a specific geographic boundary. This automated grouping drastically reduces radio channel congestion and unnecessary chatter, ensuring that critical push-to-talk transmissions are strictly targeted to relevant on-site personnel to improve overall operational focus.

Channel lock flexibility

While geofenced talkgroups automate dynamic team management, the system retains the essential flexibility to lock key personnel—such as supervisors or safety officers—into specific communication channels statically. This ensures critical coordinators remain firmly connected to their primary teams regardless of their location.

Powered by WAVE PTX



TLK 200i devices are powered by WAVE PTX, a carrier-independent broadband PTT service that removes the barriers between radio users and those on mobile devices, tablets, MOTOTRBO radios and broadband devices. With secure, affordable nationwide push-to-talk (PTT), WAVE PTX accelerates the flow of information across your organisation to help increase productivity.

Remote, central management

Driven by the centralised WAVE PTX admin portal, administrators can remotely provision devices, deploy software updates and configure talkgroup settings from a single dashboard. These over-the-air updates reduce the logistical downtime and labour hours required for manual, device-by-device servicing. As a result, organisations can keep their entire communication fleet secure, updated and aligned with active operational workflows without needing physical access to the hardware.

Streamline field operations from anywhere

Take the next step in team management with WAVE PTX Dispatch, fully compatible with the TLK 200i and WAVE PTX Mobile application. With WAVE PTX Dispatch, dispatchers can effectively manage day-to-day operations from any internet-enabled location, with easy access to key features like talkgroup scanning, multimedia messaging, and location mapping and tracking.

Mobile devices, tablet and MOTOTRBO interoperability

WAVE PTX unifies your workforce by allowing seamless communication between TLK devices, MOTOTRBO radios, and the WAVE PTX app on mobile devices and tablets. By seamlessly bridging the gap between rugged field hardware and everyday consumer mobile devices, organisations can scale their network to accommodate seasonal staff or off-site executives without delaying onboarding workflows. This keeps your entire multi-tiered workforce unified on a single communication ecosystem to accelerate cross-departmental alignment during time-sensitive operations.



Comprehensive 1-year warranty

Enjoy a complete out-of-the-box experience with your TLK 200i two-way radio, fully backed by a one-year warranty.

1-year hardware repair

Complete coverage for all manufacturing defects.

Software updates

Software updates provide access to the latest features, continuous security and enhanced functionality.

Dedicated technical support

Our expert specialists are available Monday to Friday (08:00–17:00 CET) to help isolate and resolve any device issues.



To learn more, visit:
www.motorolasolutions.com/tlk200i

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