



KEEPING THE FRONTLINE SAFE

MTP6650 NEXT GENERATION TETRA RADIOS
THE FACTS



AT MOTOROLA SOLUTIONS WE KNOW THAT THE PORTABLE TETRA RADIO HAS BECOME THE COMMUNICATIONS LIFELINE FOR THE EMERGENCY SERVICES. TODAY IN THE UK THE EMERGENCY BUTTON IS PRESSED EVERY 6 MINUTES AND THE FRONTLINE OFFICER NEEDS TO BE CONFIDENT THAT THE MESSAGE WILL GET THROUGH.



The powerful and tough MTP6650 TETRA Radio includes unique features designed to ensure that officers and teams are always in clear contact, wherever they are, whatever the conditions.

Check out the facts on why the MTP6650 is the best choice when you are choosing your next generation of rugged TETRA radios that deliver on keeping your frontline officers safe.



FACT ONE: EXPANDED PORTABLE COVERAGE IN RURAL AREAS

The MTP6650 delivers greater area coverage and enhanced in-building connectivity

- In rural environments, officers will experience greater portable radio coverage when operating with Class 3 or Class 3L transmit power level options.
- Class 3 and Class 3L transmit capability, combined with exceptional receiver sensitivity, give up to 100% increase in coverage area as well as enhanced in-building connectivity.



FACT TWO: MULTI-LAYERED FALLBACK IN EMERGENCY

The MTP6650 delivers unique safety features that will keep teams in contact

- When operating in areas with limited coverage, such as inside buildings, officers typically switch their radios to Direct Mode Operation (DMO) and connect to Control via a DMO gateway installed in a vehicle. The unique Emergency Alert feature provides an additional safety net for when a DMO gateway is not present or when officers do not have the opportunity to switch their radios to Direct Mode.
- When outside of trunked mode (TMO) coverage, the radio can activate an Emergency Alert on a DMO channel which is scanned by users operating in TMO and DMO - providing an additional level of safety for frontline officers.
- Using the unique Network Monitor feature, Control can convey essential information to frontline teams operating in DMO via a trunked mode private call. For example, a team leader in a stake-out scenario can receive a private TMO call from Control while operating in DMO with his team.



FACT THREE: LOCATE THE NEAREST, APPROPRIATE RESOURCE FOR INCIDENT RESPONSE

The MTP6650 delivers more accurate location information to support improved officer safety, with automatic and more accurate location-based alert when the emergency button is pressed

- The GPS-GLONASS* dual-GNSS (Global Navigation Satellite System) receiver offers a horizontal positioning accuracy of less than 2 metres, allowing teams closest to an incident to be mobilised, ensuring that critical messages get to the right people, and shortening response times.
- Alternative legacy radios which rely on GPS alone, only achieve typical accuracy of 10 metres.



FACT FOUR: HEAR AND BE HEARD WITH CRYSTAL CLEAR LOUD AUDIO

The MTP6650 gives you clear audio in noisy conditions

- Advanced noise suppression reduces transmitted background noise, enhancing intelligibility in noisy environments (especially useful to reduce wind noise).
- 2W RMS and 4W peak audio power to both internal speaker and audio accessory connector (RSM) improves all-round audio, particularly to the rear for optimized audio in all wearing positions.



FACT FIVE: SUPERIOR DURABILITY ENHANCES SAFETY AND REDUCES COST OF OWNERSHIP

The MTP6650 delivers value for money and performance

- The MTP6650 is subjected to extensive drop, submersion and vibration testing as well as temperature shock resistance tests. Motorola Solutions exceeds drop test parameters by dropping the radio 42 times at 1.2 metres. The superior durability and quality results in fewer breakages giving a lower cost of ownership over the life of the radio. The MTP6650 has been made to the highest quality levels and meets or exceeds all 11 categories in the MIL-STD-810 standard as well as ETSI 300 019 1-7 environmental requirements.

* Multiple GNSS support provides access to global services such as GPS, GLONASS and BeiDou.





For more information, please visit: motorolasolutions.com/uktetra

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