



# SRX 2200 COMBAT RADIO

PUT A MISSION-READY RADIO IN EVERY WARFIGHTER'S HAND



Photo Courtesy of Cpl Ryan Tomlinson



# IMPROVE SQUAD READINESS AND SAFETY, FROM BASE TO BATTLEFIELD

The SRX 2200 Combat Radio is the next generation of field-tested communications equipment that provides your troops with the mission critical capabilities they need, in the moment they need them.

The SRX 2200 combines Motorola's proven experience in Integrated Intra-Squad Radios (IISR) used by the U.S. Marine Corps with the powerful performance and easy-to-use ergonomics of our advanced APX™ portables.

## OUTFIT WARFIGHTERS WITH THE RIGHT DEVICE, RIGHT NOW

**THE REALITY:** Defense budgets are shrinking as communication needs are increasing. How do you put a radio into the hands of every warfighter while keeping costs in check?

The military is seeking to leverage the capabilities of commercial technologies for mission critical communications. The development and deployment costs associated with purpose built radios can be prohibitive. The military may be better served by deploying commercial-off-the-shelf (COTS) solutions that are proven tough in the harshest environments, low cost due to the economies of scale derived from high volume manufacturing and compliant with Department of Defense standards for waveforms and encryption.

**THE REALITY:** Intra-squad communications are challenging, especially in urban environments and difficult terrain. How do you improve safety and the capability for distributed operations?

Squads are often dispersed, teams become separated and warfighters get wounded. Troop-ready radios can be lifesaving by strengthening safety, providing greater coverage, improving voice communications within squads and helping squad leaders pinpoint rifle locations.

**THE RESULT:** Warfighters need a secure, low cost alternative for mission critical communications that is reliable, easy to use and built to last.

The military requires a rugged, reliable device every warfighter can "grab-and-go". It must be simple to use and have intuitive controls so they can quickly be trained on the equipment and head to battle. It should be adaptable and scalable so they don't have to swap out radios.

The ideal solution should deliver such military focused features as secure encrypted voice, individual location information (ILI), tactical radio inhibit (stun/kill), tactical Over-the-Air-Programming (OTAP) or bio-monitoring of individual warfighter health.

**THE RESULT:** Troops need a single radio they can use immediately and effectively, on and off the base. They must be communications-ready before they deploy without added training on multiple radios.

As military bases upgrade to the standards-based Project 25 (P25) system for interoperability, soldiers and Marines need one radio that will adapt with them. The radio must be easy for them to use in any situation, whether they are in public safety, base training, tactical or special operations.

## WHY PROJECT 25 DIGITAL RADIOS?

- FIPS 140-2 Level 3 for information assurance
- Deployed on military installations for base security
- Trusted by the U.S. Marine Corps for tactical operations
- One of the original waveforms for the JTRS
- Secure voice, ILI and mission critical capabilities



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# THE SRX 2200 IS THE IDEAL SOLUTION FOR EVERY WARFIGHTER

Motorola's uniquely-designed warfighter radio combines the unparalleled expertise of AN/PRC 153 radios – fielded by over 53,000 U.S. Marines worldwide – with standards-based P25 system portables.

Designed specifically for military requirements, the SRX 2200 Combat Radio is the ideal “grab-and-go” device for both squads in distributed operations and for on-base personnel.

Battle-tested and military trusted, it is easy to use, has intuitive controls and is built on a proven, secure COTS platform with enhanced capabilities today and forward-thinking applications that progress with you tomorrow.

The SRX 2200 is cost effective, easy to use and ruggedly reliable, from base to battlefield and back.

## MADE TO USE ON THE MOVE

Wherever your warfighters operate – in new geography, challenging topography or areas without networks – they can rely on the SRX 2200 Combat Radio to provide a full set of tactical voice and data capabilities to support the mission. Radios can be used as data-links and over-the-air programming (OTAP) allows for easy setup of talk-groups.

When warfighters return to base, they can rely on the same SRX 2200 radio – particularly important as bases upgrade to standards-based P25 systems. Now your troops will be communications-ready, without additional training, maintenance or logistical costs incurred when supporting multiple radios.

## DELIVERS KEY APPLICATIONS FOR TACTICAL OPERATIONS

- FIPS 140-2 Level 3 for information assurance, designed for NSA Suite B capability
- Secure encrypted voice and text messaging
- Secure Bluetooth™ accessories and data access
- Over the Air Programming (OTAP) without disrupting operations
- Over the Air Rekeying (OTAR) in the field
- Modem or data link capability from any location
- ILL within the squad
- Supports bio-monitoring of warfighter health
- Night Vision Goggle compatible
- Tactical Inhibit remotely disables radios in the field

# SRX 2200: OUTSTANDING PERFORMANCE IN THE TOUGHEST PLACES

The SRX 2200 Combat Radio is built on Motorola's renowned APX platform with advanced features and important benefits to enhance warfighter productivity and safety, including:

## EASY TO USE IN THE HEAT OF ACTION

The SRX 2200 features industry-leading APX ergonomics for true ease of use. Large controls are well-spaced and easily located, even when wearing gloves. The prominent top display is easy to read at a glance and dimmable for extra security.

## COMMUNICATE CLEARLY IN HARSH CONDITIONS

APX delivers excellent audio to significantly improve clarity and voice intelligibility. A unique dual-microphone design in the radio locates the talker while it cancels out background noise—from heavy equipment to howling wind.

APX Remote Speaker Microphones offer a flexible communication option for high noise and harsh weather environments.

## READY FOR BATTLE AND BUILT TO LAST

Rugged as the mission, the SRX 2200 radio exceeds the IP67 submersion specification and can be submerged in 2 meters of water for 2 hours. It also meets the rigorous MIL 810 specifications. The multi-unit charger enables you to charge the radio at higher temperatures than standard chargers, a capability imperative in desert conditions. The FIPS 140-2 Level 3 security allows for deployment in the most sensitive operations.

## CAPABILITIES THAT ADAPT WITH YOU

Backward and forward-compatible with all Motorola radio systems, the SRX 2200 is P25 Phase 2 capable for twice the voice capacity, so you can add more personnel without adding frequencies or infrastructure.

The SRX 2200 is combat ready with features and functionalities that can be adapted to current needs, then changed through software upgrades as those needs evolve. Whether you want to enable new accessories and applications or add features such as remote push-to-talk or remote wireless headsets, the SRX 2200 is the ideal choice for soldiers and Marines worldwide.

With over 80 years of experience serving the United States government, safety is our priority. Our innovative technology, proven platform, rugged reliability and affordable solutions can help your troops stay safe and successful, wherever the mission takes them.

For more information on the SRX 2200 Combat Radio, contact your local Motorola Sales Representative.

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## THE SRX 2200...



Coordinates first responders battling a fire at a military base



Delivers secure encrypted voice communications between a leader and the squad



Pinpoints warfighter locations

*Photos Courtesy of Cpl Erik Villagran*