



KENWOOD

NX-1000, NX-3000, & NX-5000 Portable Radio Series Comparison

Quick guidance: Choose the NX-1000 Series for straightforward, cost-conscious VHF/UHF business communications and an easy path from analog to NXDN or DMR. Choose the NX-3000 Series when you need single-band multi-protocol operation, stronger user-interface choices, built-in GPS and Bluetooth, and more advanced worker-safety features. Choose the NX-5000 Series when P25 interoperability, the broadest protocol set, 700/800 MHz availability, a color display, and high channel capacity are required.

Feature Comparison

Feature	NX-1000 Series	NX-3000 Series	NX-5000 Series
Best for	Cost-conscious business and operation-critical users needing essential features and flexible migration from analog	Enterprise and operation-critical users needing richer controls, connectivity, safety features, and trunking options	Public safety and complex enterprise systems requiring P25 plus broad interoperability and capacity
Portable bands	VHF or UHF	VHF, UHF, or 800/900 MHz, depending on model	VHF, UHF, or 700/800 MHz, depending on model
Protocols	FM analog; model or upgrade path for NXDN or DMR Tier II	NXDN conventional and Type-C/Gen2 trunking; DMR Tier II, site roaming, and Tier III trunking; FM analog	NXDN conventional and Type-C/Gen2 trunking; DMR Tier II; P25 conventional and Phase 1/Phase 2 trunking; FM analog
Channel capacity	Up to 260 channels, depending on model	512 channels and 128 zones; up to 1,000 channels with option; basic model 64 channels/4 zones	1,024 channels standard; up to 4,000 with option; 128 zones and up to 512 channels per zone



Display and controls	Basic or 8-digit white-backlit LCD keypad models; 7-color LED indicator	Full-keypad, standard-keypad, and basic configurations; multi-line display and 7-color light bar on display models	Keypad and non-keypad configurations; 1.74-inch full-color transfective display, D-pad, and 2-position lever
Audio	KENWOOD audio processing with adjustable equalizer, gain control, and noise suppression	1-watt audio output with Active Noise Reduction and adjustable audio processing	1-watt audio output with Active Noise Cancelling
Connectivity and location	Voice announcement and signaling features; model-dependent options	Built-in GPS and Bluetooth	Built-in GPS and Bluetooth; microSD/microSDHC card slot
Safety and remote functions	Emergency profile, Lone Worker, and remote stun/kill/check	Emergency calling, Lone Worker, remote stun/kill/check, and motion-sensor functions including man-down	Protocol-dependent emergency and remote functions for operation-critical and public-safety deployments
Ruggedness	IP54/IP55 and MIL-STD-810 C/D/E/F/G on NX-1200/1300 portables	IP54/IP55/IP67 and MIL-STD-810 C/D/E/F/G	Designed for mission-critical and operation-critical use; environmental ratings vary by model and configuration
Security	Digital bit scrambler and optional ARC4 on supported models/protocols	Optional DES and AES encryption	Built-in 56-bit DES and optional 256-bit AES for P25 and NXDN

Which Radio Should You Choose?

Choose the NX-1000 Series for essential, economical communications

The NX-1000 Series fits organizations that primarily need dependable VHF or UHF voice communications, straightforward controls, and a practical migration path from FM analog to NXDN or DMR. It is well suited to construction, manufacturing, warehousing, retail, hospitality, facility management, and rental-fleet applications.

Choose the NX-3000 Series for advanced enterprise flexibility

The NX-3000 Series is the middle tier for users who need NXDN or DMR operation plus FM analog, more display and keypad choices, built-in GPS and Bluetooth, Active Noise Reduction, motion-sensor safety functions, and higher channel capacity than the NX-1000 Series.

Choose the NX-5000 Series for maximum interoperability

The NX-5000 Series is the strongest choice when P25 Phase 1/Phase 2 support is required alongside NXDN, DMR, and analog operation. Its color display, high channel capacity, 700/800 MHz model availability, GPS, Bluetooth, memory-card support, and encryption options make it suited to complex public-safety and large enterprise systems.

Product capabilities and available options vary by model, band, configuration, and licensing. Confirm final system compatibility, accessories, and feature licensing before purchase.

