



NEXEDGE®

Utilities



You face ever-increasing complexity in your voice and data communications, demands to physically expand your coverage footprint and a rapidly approaching deadline to convert to narrowband operation. Kenwood NEXEDGE® is designed for robust, wide-area coverage, maximum flexibility to accommodate IP Networking, GPS and other data requirements and, operating in 6.25 and 12.5 kHz, assuring a smooth narrowband transition.

NEXEDGE® Advantages

Spectrum Efficiency

All NEXEDGE® equipment operates in 25 & 12.5 kHz analog and 12.5 & 6.25 kHz NXDN® digital modes – satisfying spectrum requirements today and tomorrow.

Graceful Migration

NEXEDGE® supports both NXDN® digital and analog modes providing a self-paced migration path which allows a transition to digital at your pace - while accommodating your budgetary, administrative, organizational and timing plans.

Flexible Configurations

NEXEDGE® systems are configurable in traditional conventional, trunked and wide area trunked network operation modes to provide flexibility in meeting your communication goals. IP connectivity for NEXEDGE® trunked sites provides wide area calling and system scalability over existing private LAN/WAN assets and commercial services.

Digital Voice Technology

NEXEDGE® utilizes state-of-the-art voice digitization and compression technology that combines to provide enhanced range and superior audio clarity.

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Extreme heat, unrelenting cold, rain or snow, are some of the potentially damaging realities of your work environment, so your equipment must be supremely durable.

Every NEXEDGE® portable and mobile meets or exceeds rigorous military specified standards for temperature, ruggedness and environmental assaults including dust and water intrusion.

The geographic footprint of your operation means you must have uncompromised voice and data communications from every corner of it on a 24/7 basis.

Wide area coverage, in either trunked or conventional modes, is your guarantee of reliable digital communications and you can also operate a fully IP networked system with NEXEDGE®.

Personnel must be kept safe while the organization must maintain secure communications.

Digital encryption, standard to NEXEDGE® radios, ensures secure communications while NEXEDGE® portables all meet IS certification for petrochemical operation safety.

Integration with existing communications systems means a manageable migration to new technologies.

With NEXEDGE®, you maintain the flexibility of IP connectivity with the option to integrate with existing private radio, LAN/WAN or commercial service equipment.



Band Availability

BAND (MHz)			VHF		UHF							
			136-150	146-174	400-430	430-470	450-480	480-512	806-825	851-870	896-902	935-941
Portable Radios	TRKG / Conv.	DTMF Key	• 210K2 • 200K2 • 220K3		• 300K4 • 320K6		• 300K3 • 320K3		• 410K2		• 411K2	
		Display + PF Keys	• 200K • 220K2		• 300K2 • 320K5		• 300K • 320K2					
		Non-Display	• 200SK • 220K		• 300SK • 320K4		• 320K					
Mobile Radios	TRKG / Conv.	High-Power	• 700HK • 720HGK		• 800HK2 • 820HGK2		• 800HK • 820HGK					
		Mid-Power	• 700K		• 800K2		• 800K		• 900K		901K	
Repeaters	TRKG / Conv.		• 700K2 (TX/RX)	• 700K (TX/RX)	• 800K3 (TX/RX)		• 800K (TX/RX)	• 800K2 (TX/RX)	• 900K (RX)	• 900K (TX)	• 901K (RX)	• 901K (TX)
		Conventional Only	• 710K (TX/RX)		• 810K2 (TX/RX)		• 810K (TX/RX)					

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ISO9001 Registered
 Professional System Business Group
 KENWOOD Corporation