



# NEXEDGE®

# Manufacturing



One-size-fits-all communications will not work in your demanding and competitive work environment. NEXEDGE® provides on-the-fly configuration of work groups for rapid collaboration with secure communications, whether by voice or text. These sturdy radios meet military specs for durability and all are designed with Kenwood's renowned audio quality, so, even in high noise environments, you enjoy clear communications and digital clarity guaranteed by special encryption software.

#### **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.

# KENWOOD



**You need to talk instantly with your teams to collaborate and keep pace with new solutions to an ever-changing array of challenges.**

NEXEDGE® gives you the flexibility that comes with easily updated work groups, plus you can easily and securely share information by voice or text for rapid problem solving.

**“Dead spots” in your communications coverage are not an option.**

NEXEDGE® employs the latest digital encryption technology and compression technology for clear, loud audio, even in a high noise environment. With a NEXEDGE® system, regardless of the challenges of concrete or a steel infrastructure; you are assured of coverage throughout your facility.

**Your bottom line demands that your communications system needs to work now, be capable of growing with your operation and last for years.**

With NEXEDGE®, you can operate in 25 and 12.5 kHz analog today and move to 12.5 and 6.25 digital modes in the future, at your pace, while benefiting from a variety of features usually found in radios at a much higher price.

**There is no time to stop a shift to replace damaged radios.**

NEXEDGE® portables are IS certified so they can be safely used in areas where they may be dangerous chemicals or combustible materials. All NEXEDGE® radios have met or exceeded U.S. military standards for ruggedness, temperature, dust, water intrusion and feature long duty cycle Li-Ion batteries.



## 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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