



# NEXEDGE®

# Public Safety



NEXEDGE® transforms the radio communications choices available to your agency, offering affordable and secure agency communications in analog, digital, trunked or wide area trunked operation. NEXEDGE® meets P25 compatibility for funding requirements because it is fully upgradeable P25 operations, while allowing you to migrate to digital on your schedule. And when the mandated narrowbanding migration is complete, your agency will already be prepared because NEXEDGE® operates on both 6.25 and 12.5 kHz digital modes. Reduced noise, secure voice communications and increased coverage areas are some of the design features of the exclusive Kenwood NXDN® digital technology.

#### **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 a radio system that qualifies for public safety communications grants.**

Across the U.S., city, county and state agencies are moving to NEXEDGE® because its P25 compatibility means it is eligible for funding.

**My agency needs to make a coherent plan to migrate to narrowbanding without unnecessary steps in between.**

Selecting NEXEDGE® gives you the choice of analog, digital, trunked or wide area trunked operation now, with the capability to move smoothly to 6.25 and 12.5 kHz modes when the narrowbanding mandate occurs on January 1, 2013.

**We need more coverage but we don't have the budget now to expand our system.**

NEXEDGE® users report greatly enhanced coverage, due to the voice digitization and compression technology employed by these radios, plus there is no degradation in voice or data quality at the outer reaches of the coverage area.

**Radios are used for long duty cycles, be extremely durable and operate accurately in both cold and heat.**

NEXEDGE® portables are IS certified and all NEXEDGE® radios have met or exceeded U.S. military standards for ruggedness, temperature, dust and water intrusion, featuring long duty cycle batteries in multiple chemistries.



**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	• 2005K • 220K		• 3005K • 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)					

**KENWOOD**

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ISO9001 Registered  
 Professional System Business Group  
 KENWOOD Corporation