



NEXEDGE®

Education



Instant and effective communications is essential to maintain the security of students, staff and faculty at your school. NEXEDGE® digital radios are designed specifically to offer affordable and secure campus-wide communications for personnel and extended coverage to vehicles used for pupil transportation. NEXEDGE radios are so compact that every staff member will carry them, and durable enough to withstand the demands of security and maintenance, making them effective for daily communications use and the right tool for critical emergency situations. These radios feature world-renowned Kenwood audio for clarity in even the noisiest environment and the agility that makes configuring for new communications groups easy and enables tying into existing LAN/WAN or commercial systems. The extended range of NEXEDGE radios means that no one is out of touch on your campus today while you are prepared for future narrowband operation.

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



We need an affordable solution to our communications requirements and must have a system that will grow with us.

NEXEDGE allows you to move to mandated narrowband operation immediately, while allowing for digital migration on your schedule. A wealth of options is available in 12.5 kHz analog operation, options usually found in higher priced radios, and you can bring enhanced digital capabilities on board as your budget and operation allows.

This is an "always on" environment with demands that change on a daily basis, so easily damaged radios are not an option.

While NEXEDGE radios offer the kind of design found in high end wireless subscriber equipment, each is built with supreme durability at the core, and having passed every military standard test, these can endure conditions well beyond normal wear and tear.

We need a radio that can be used by our security staff as well as by administrative and office staff and some faculty members.

Enormous thought and attention has gone into the design of NEXEDGE radios, so that operation is nearly intuitive, not requiring extensive training and with features like text messaging, large well lit displays and easy-use dial pads, your personnel will welcome it as a versatile tool.

Our transportation department needs GPS/AVL and mobiles that are easy to use by touch so we can assure safe movement of our students to and from the campus and adhere to DOT standards.

NEXEDGE system will incorporate GPS/AVL technology in precisely the configuration you need and the bright, high visibility displays and customizable text messages mean your drivers keep their eyes on the road while operating essential radio features.



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)					

KENWOOD

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ISO9001 Registered
 Professional System Business Group
 KENWOOD Corporation