



KNG Mobile Overview

Radio Controls

The KNG-M Series radios use an innovative touch screen display. This display is used to both control radio functions and to provide visual feedback to the operator. Via programming software, the characteristics of the display and controls are customized for the individual radio application. The display also provides Status Icons including encryption indicator and Received Signal Strength.

Remote Control Heads

Optional remote control heads are available for the KNG-M Series radios. A total of three control heads can be supported, one transceiver mounted and two remote heads.



Output Power - KNG-M Series mobile radios provide mid and high power levels in the same form factor. This provides greater flexibility in installation.

Water Resistant - KNG-M Series mobile radios are resistant to rain and blowing rain, IP-54 rated.

Robust Receiver - KNG-M Series radio provides substantially better RF receive performance over competitive offerings. This will result in improved range and less susceptibility to interference with the KNG-M Series radios. The KNG Series radios operate in both C4FM and CQPSK modes offering robust performance even in simulcast (including LSM) systems.

Project 25 9600 Baud Trunking - The KNG Series radio operates on 9600 baud P25 Compliant Trunking Systems, including Motorola, Harris, Cassidain, Daniels and EFJohnson systems.

OTAP - KNG Series radios support over-the-air programming (OTAP) to improve operational efficiencies

Encryption – KNG Series radios are available with optional encryption features, including OTAR to support secure tactical communication. RELM radios with encryption have been validated to the National Institute of Standards (NIST) FIPS-140-2 program, providing assurance that encryption services are implemented in a secure and meaningful way.

Scan Modes. KNG Series radios support conventional dual priority scan, trunked priority scan, and dual mode scan which allows simultaneous trunked and conventional channel scan.





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RELM/BK Radio Subscriber products and offerings

	Frequency Range	Full Keypad Portable	4-Key Portable	Mobile Radio	Base Station
VHF	136-174 MHz	KNG-P150	KNG-P150T2	KNG-M150	KNG-B150
UHF Range 1	380-470 MHz	KNG-P400	KNG-P400T2	KNG-M400	KNG-B400
UHF Range 2	440-520 MHz	KNG-P500	KNG-P500T2	KNG-M500	KNG-B500
700/800 MHz	763-870 MHz	KNG-P800	KNG-P800T2	KNG-M800	KNG-B800
Portable Radio Options					
KZA0577	DES OFB / AES Encryption Includes FIPS-140-2 Approved Hardware				
KZA0578	Project 25 Over the Air-Rekey (OTAR)				
KZA0579	Project 25 9600 Baud Trunking – 2048 Channel				
KZA0581	Multi-Cast Vote Scan Plus				
KZA0582	Over the Air Reprogramming				
	GPS Option with External Speaker Microphone				
	Man-Down Option				
Mobile Radio Options					
KZA0154	Option, High Power, 110W KNG-M150 Only				
KAA0660	Remote Control Head Plug & Play KNG Mobiles				
KZA0569	P25 9600 Baud Trunking				
KZA0576	DES OFB / AES Encryption Includes FIPS-140-2 Approved Hardware				
KZA0580	P25 Over the Air Rekeying (OTAR)				
KZA0581	Multi-Cast Vote Scan Plus				
KZA0589	GPS Option for KNG Mobiles				
KZA0592	Over the Air Reprogramming				
KAA0261	External Speaker 20W, 4 Ohm, W/ Mounting Bracket				
KAA0276	Standard Handheld Microphone KNG-M				
KAA0290	Handheld Programming Microphone				
	Hand Held Control Head				

