

# **KNG SERIES**

SAFETY AND RELIABILITY IN A CUSTOMIZED PLATFORM SUITED FOR YOUR EVERYDAY COMMUNICATIONS

## P25 DIGITAL PUBLIC SAFETY RADIOS

BK

BK

0

P

SHERIFF

BK

Due

20



## A COMMANDING PERSPECTIVE ON EMERGENCY COMMUNICATIONS

BK Radios give you full control over any situation in the most extreme conditions. Our radios are built for the mission at hand. With our expanded line of KNG Portables, Mobiles, Base Stations, and Repeaters, no emergency is out of reach.

## KNG SERIES P25 DIGITAL RADIOS A GLOBAL REVOLUTION IN MISSION CRITICAL COMMUNICATIONS

APCO P25 is a global standard that we abide to, which means the KNG is inter-operable and compatible on a wide range of networks and infrastructures. KNG Series Radios are in operation world-wide, operating on a variety of systems, and are used everyday alongside soldiers and first responders. The KNG is also valuable in everyday facility operations, such as hospitals, stadiums, airports, and national parks.

Currently, over 19,000 KNG Series Portables are in operation alongside agents in the TSA, (Transportation Security Administration), performing long hours and daily use at every major airport facility in the United States. BK Radio has created a network of responsive communications that successfully modernized and replaced an aging Motorola system.

## MULTIPLE PLATFORMS WITH THE FUNCTIONALITY THAT YOU DEMAND

The KNG multi-platform solution gives departments and agencies the power over their communications. Choose a conventional P25 or Phase II TDMA P25 radio that is best equipped to handle your daily communications necessities.

## KNG P25 DIGITAL, CONVENTIONAL RADIO PLATFORM

Conventional radio at its best. The KNG Conventional Radio Platform is a powerful way to connect with simplified communications that offers quality and reliability using only the specifications that you need.

- Conventional, P25 digital radio
- 500 available channels
- Available in VHF, UHF, and 700/800 MHz
- Compatible on a wide range of competitor systems
- Rated water and dust tight IP67/68
- Optional AES/DES/OFB/ADP Encryption
- Exceeds MIL-STD-810/C/D/E/F/G standards
- Extended battery life, loud audio, and durable design

## KNG P25 DIGITAL, TDMA AND TRUNKING RADIO PLATFORM

Built for complex communications in densely populated areas, the KNG P25 Digital TDMA Phase II Platform gives you full control over your communications. Loaded with additional features and the industry leading options that best fit necessary specifications of your job.

- Phase II, TDMA P25 digital radio
- 5000 available channels
- Available in VHF, UHF, and 700/800 MHz
- Optional Trunking capability
- Compatible on a wide range of competitor systems
- Rated water and dust tight IP67/68
- Optional AES/DES/OFB/ADP Encryption
- Exceeds MIL-STD-810/C/D/E/F/G standards
- Extended battery life, enhanced audio, and durable design



## KNG SERIES MISSION CRITICAL P25 RADIO COMMUNICATIONS

ALL KNG SERIES RADIOS OPERATE IN PROJECT 25 DIGITAL MODE, TDMA, WIDE-BAND ANALOG (25 KHZ) MODE AND NARROW-BAND ANALOG (12.5 KHZ) MODE. KNG SERIES PORTABLES MEET FCC AND NTIA NARROWBAND REQUIREMENTS.

## INDEPENDENT PERFORMANCE AND INTEROPERABILITY TESTING

KNG Series radios have been tested by third party accredited laboratories as part of the Department of Homeland Security's P25 Compliance Assessment Program (P25CAP). Details of the P25CAP program are available at www.rkb.us. KNG Series radios meet performance and interoperability requirements of the P25CAP program and are eligible for grant funding through DHS Grant programs. P25CAP testing has confirmed that the KNG radios meet or exceed all requirements for a P25 Class A radio. Class A specifications were determined by a group of subject matter experts as the minimum performance specifications for a 'Public Safety' radio. KNG Series radios meet the Class A requirement for both Conventional and Trunked performance. In addition, KNG subscriber radios have passed P25CAP testing for trunked interoperability.

## PHASE II TDMA AND BK/BK RADIO

BK Technologies maintains a dual rate Phase I/Phase II trunked radio system commercially procured from a major infrastructure vendor in our development facilities. In addition to development use, this system is also used to verify interoperability between KNG series radios and other manufacturer's Phase I and Phase II product offerings.

## BK PORTABLE RADIOS ARE RATED IP67/IP68 DUST AND WATER TIGHT

Environmentally protected to IP-67 and IP-68, which simply stated means protection against dust, blowing rain and immersion in water to a minimum depth of 1 meter for a minimum of 30 minutes. Intrinsically safe models and batteries are available for operation in hazardous atmospheres.

## BK MOBILE RADIOS ARE RATED IP54 DUST AND WATER PROTECTION

Environmentally protected to IP-54 which simply stated means protection against dust, water and blowing rain.

## BK RADIO ELECTRICAL SPECIFICATIONS AND PORTABLE TRANSMIT POWER

KNG Series radios don't just meet requirements for public safety grade operation, they exceed them:

KNG to Class A Comparison	Class A Performance		KNG Performance (VHF)	
Class	Mobile	Portable	Mobile	Portable
Sensitivity	-116 dBm	-116 dBm	-121 dBm	-121 dBm
Faded Sensitivity	-108 dBm	-108 dBm	-117.7 dBm	-117.3 dBm
Adjacent Channel Rejection	60 dB	60 dB	65.5 dB	70.2 dB
Spurious Response	80 dB	70 dB	>80 dB	>70 dB
Intermodulation Rejection	75 dB	70 dB	76.3	73.5 dB
Modulation Fidelity	5 %	5 %	2.3%	2.3%

Portable Transmit Power – KNG Series portable radios in UHF and VHF operate at maximum allowed RF power levels for handheld radios. Maximum transmit power for the VHF model is 6.7 Watts. Maximum transmit power for the UHF models is 5.7 Watts. This provides in excess of 1 watt transmit power over nearly every other manufacturer. Coupled with the KNG's more sensitive receiver, this gives additional operating range and/or better in building coverage. Of course if you are concerned about battery life, KNG radios can be set to transmit at 5 Watts VHF and 4 Watts UHF.



BK Technologies | 7100 Technology Drive, West Melbourne, FL 32904

# KNG P25 PORTABLE RADIOS

BK TECHNOLOGIES OFFERS A BROAD SELECTION OF KNG P25 DIGITAL PORTABLES RANGING FROM CONVENTIONAL RADIO TO PHASE II TDMA AND 9600 BAUD TRUNKING

# SAME FUNCTIONALITY WITH OR WITHOUT AN ALPHANUMERIC KEYPAD

T3 (TIER 3) PORTABLE RADIO WITH ALPHANUMERIC KEYPAD



T2 (TIER 2) PORTABLE RADIO WITHOUT ALPHANUMERIC KEYPAD



bktechnologies.com | 1-800-821-2900 | sales@bktechnologies.com



## EVERYTHING YOU'RE LOOKING FOR IN A PUBLIC SAFETY P25 PORTABLE RADIO

All KNG Series Portables are rated MIL-STD-810C/D/E/F/G, Dust and Water Tight IP67 & IP68, and all portables are AES/DES/OFB/ADP Encryption capable.

#### KNG PORTABLE SERIES P25 DIGITAL RADIO

- Conventional Only
- VHF, UHF, 700/800 MHz
- 512 Channels
- Programmable Buttons

#### KNG PORTABLE CMD (COMMAND) SERIES PHASE II TDMA RADIO

Noteable Upgrades:

- Phase II TDMA Option
- VHF, UHF, 700/800 MHz
- Extended Programmable Toggle Switches
- Available in T2 and T3 Models

- Available in T2 and T3 Models

- Available in T2 and T3 Models

- 5000 Channels
- Continuous Channel Select



GOOD

BETTER

#### KNG SERIES PORTABLE P25 DIGITAL TDMA RADIO

Noteable Upgrades:

- Phase II TDMA Embedded
- VHF, UHF, 700/800 MHz
- /800 MHz
- 5000 Channels
- Trunking Capable



## KNG SERIES **G2** PORTABLE P25 DIGITAL TDMA RADIO

Noteable Upgrades:

- 5000 Channels

- Trunking Capable

- Louder Audio
- VHF, UHF, 700/800 MHz
- Large, Color LCD Display
- Available in T2 and T3 Models
- 3 Programmable Side Switches
- Dual Microphones

## KNG SERIES PORTABLE RADIO STANDARD FEATURES

	BK RADIO KKO-PAGES SCR BK Radio KNG-S Portable RELM Wireless MENU	BK RADIO KAG-CHEP BCN BK Radio KNG Command RELM Wireless MENU	BK RADIO KNO Series SCN BK Radio KNG Series from RELM Wireless MENU	Le root BK RADIO KNG2 www.relm.com Radios for Heroes Red House First without
Standard Features	KNG S PORTABLE	KNG CMD PORTABLE	KNG PORTABLE	KNG2 PORTABLE
Conventional	<u>↓</u>	✓	-	-
APCO P25 Digital	✓	✓	✓	-
TDMA	✓		✓	-
VHF (136-174 MHz)	✓		✓	✓
UHF (380-470 MHz)	✓		✓	✓
UHF (440-520 MHz)		✓	✓	✓
7/800 (763-870 MHz)		✓	✓	1
512 Channels	✓			
5000 Channels		✓	✓	1
Birdie Free	✓	✓	✓	1
Alphanumeric Keypad	✓	✓	✓	-
Tier2 (No Keypad) Avail.	✓	✓	✓	1
Prog. Front Buttons	✓	✓	✓	1
2 Side Prog. Buttons	1	✓	✓	
3 Side Prog. Buttons				1
Prog. Toggle Switches	1	✓	✓	1
Priority Scan	✓	✓	✓	1
Dual Mode Scan	1	✓	✓	1
Channel Scan	✓	✓	✓	-
Group Scan	1	✓	✓	1
Emergency Signaling	✓	✓	✓	-
NIST FIPS-140-2 Cert.	✓	1	✓	✓
MIL-SPEC C/D/E/F/G	✓	1	✓	1
USB Programmable	✓	✓	✓	-
Talk Around	✓	-	✓	✓
Text Messaging			<b>√</b>	<b>√</b>
Color LCD Display				✓
Dual Microphones				✓
Noise Cancellation bktechnologies.com   1-800	)-821-2900   sales@hkt	echnologies com		✓ hnologies 2017, Rev.2

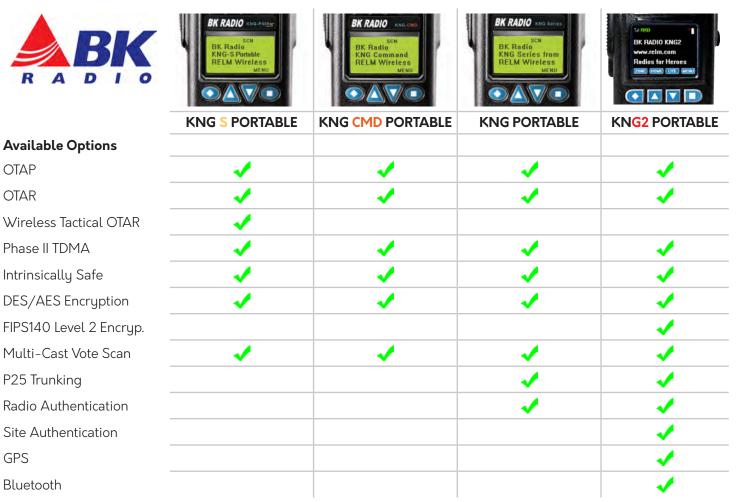
bktechnologies.com | 1-800-821-2900 | sales@bktechnologies.com

© BK Technologies 2017, Rev.2

## KNG SERIES PORTABLE RADIO FEATURE DESCRIPTIONS

1-6 Watts RF Power Output	Extend the radio's reach with up to 6 Watts of signal clar- ity. High and low settings are programmable by channel for power efficiency.
100 Programmable Quick Call ID's	Connect with select radio users easily and ASAP through BK's Quick Call function.
Problem Prevention Features	The Keypad lock prevents you from accidentally hitting a button that may activate functions unintentionally.
DVSI AMBE+2 Version 1.80 Vocoder	The version 1.60 Vocoder provides improved RF per- formance in a variety of degraded signal conditions. It also provides enhanced audio signal conditioning which improves system performance in the presence of back- ground noise.
Superior Audio Quality	The KNG comes equipped with a 1.6" diameter speaker, giving you the loudest and clearest sound with the least distortion.
Custom Programming	Our intuitive menu system and feature set is fully cus- tomized to fit your everyday needs.
MIL-STD-810C/D/E/F/G	The KNG Portable has gone through rigorous testing and meets or exceeds military requirements.
Bright, Color LCD Display – Available on KNG2	Day or night, get all the information at a glance with our bright 13 character, 5 line color LCD Display.
Talk Around	This feature allows you to bypass or "talk around" a re- peater for a direct connection.
5000 Channels, Dynamic Grouping 512 Channels for KNG–S Portable	Custom-tailored user groups can be programmed into the KNG by radio users and can also be field changed or reprogrammed whenever necessary.
Channel/Priority/Dual Mode/Group Scan	Find an available channel for communications: scan by channel, priority channel, or scan by groups, one group at a time. Dual Mode Scan allows you to simultaneously scan conventional and trunked radio systems.
Birdie Free	Only BK Technologies goes the extra mile to create a truly birdie free radio, which means there are no blacked out frequencies on our portable.
Text Messaging	Users sending text messages receive an acknowledge- ment that deliver of the message was successful. Text Messages can be sent radio-to-radio or can be repeated through fixed network equipment.
Long Battery Life	The KNG works as long as you do, putting in 12+ hours of reliable communication everyday. Upgrade to the KAA0101, a compact 3600 mAH battery and boost your battery life to 16+ hours.
Waterproof IP67/IP68 Rating	Dust tight and waterproof - the KNG Portable is especial- ly designed to withstand 30 minutes of water immersion at 1 meter depth.
APCO Project 25	The KNG Portable meets or exceeds APCO P25 stan- dards.
Field or USB Programmable	Ease of use. The KNG can be programmed via USB port on virtually any PC.
Emergency Signaling	KNG series radios support emergency calls and emer- gency alarms at the touch of the orange button.

## KNG SERIES PORTABLE RADIO OPTIONS





bktechnologies.com | 1-800-821-2900 | sales@bktechnologies.com

© BK Technologies 2017, Rev.2

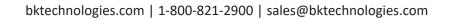


P25 Trunking	The KNG 9600 Baud Trunking option gives you the ability to communicate without hassle and without complication. Compatible with competitor Trunk- ing systems, BK Technologies Trunking is P25 compliant and loaded with features, such as encryption and many unit-to-unit specializations. Best of all you get BK's ease of use. Using our intuitive software, modifying your KNG Trunking features will be simple.
Wireless Tactical OTAR	With BK's Wireless Tactical OTAR (WTO), you are provided with the flexi- bility to upgrade encryption keys wireless and effortlessly without ancillary equipment, infrastructure or key management facilities. WTO operates radio-to-radio and is completely contained in the KNG radio units, which means no additional equipment is required beyond initialization.
Multicast Vote Scan	Multicast Vote Scan capable KNG Series radios automatically select the best site to operate from in a wide area system. Channels in the multicast conventional system are added to the scar list and designated as "voted" channels. The KNG Radio scans all voted channels and selects the channel with the best signal.
OTAR	Over-the-air re-keying is an easy solution to efficiently change encryption keys. Completed almost effortlessly, encryption keys are changed over the air with a touch of a button.
OTAP	BK Technologies Over-the-air-programming gives you the ability to repro- gram a unit from a central console to anywhere within your coverage area. It allows for you to make the necessary changes to a remote radio without the hassle of extra personnel, wasted time, and additional equipment.
AES/DES/OFB Encryption	AES and DES (Digital Encryption Standard) allows you to communicate with other radios that have the specific key programmed. BK's AES/DES Encryp- tion is NIST certified, validated FIPS 140-2 Type III encryption with a 256 key load.

## KNG SERIES PORTABLE RADIO OPTION PART NUMBERS AND DESCRIPTIONS

KAA0560	Factory Install Bluetooth, KNG2-Pxxx
KAA0561	Option, GPS, KNG2-Pxxx
KAA0582	Option, OTAP, Trunking, KNG-Pxxx "Must have KZA0579"
KAA0570	OTAR (Trunking & Conventional) 2048 Channel Portables "Must have KZA0579"
KAA0579	P25 9600 Baud Trunking 5000 Channel Portables
KAA0593	Option, TDMA, KNG-Pxxx
KAA0595	Option, radio Authentication, KNG-P "Must have KZA0577"
KZA0558	Factory Install Intrinsically Safe
KZA0560	Factory Install Bluetooth, KNG2-Pxxx
KZA0561	Factory , GPS, KNG2-Pxxx
KZA0570	Factory Install OTAR Trunking & Conventional 5000 Channel Portables "Must have KZA0577"
KZA0574	Factory Install, DES & AES FIPS140-2 Level 2 Encryption KNG2 "Only"
KZA0577	Factory Install DES / AES Encryption
KZA0578	Factory Install P25 Over the Air Rekeying (OTAR) 512 Channel Portables
KZA0579	Factory Install P25 9600 Baud Trunking
KZA0581	Factory Install Multi -Cast Vote Scan Plus
KZA0582	Factory Install, OTAP, Trunking, KNG-Pxxx "Must have KZA0579"
KZA0584	Factory Install, Wireless Tactical Over the Air Rekeying Includes KZA0578 KNG-PS Series
KZA0588	Factory Install Trunking Compatible Platform KNG-P " Must have KZA0579"
KZA0591	Factory Install GPS KNG-Pxxx
KZA0593	Factory Install, TDMA, KNG-Pxxx
KZA0595	Factory Install, Site Authentication KNG-Pxxx "Must have KZA0577 & KZA0579"

## OVER 19,000 KNG SERIES PORTABLE RADIOS ARE IN OPERATION BY TSA AGENTS AT AIRPORTS ACROSS THE UNITED STATES.



## **BK PORTABLE RADIO BATTERY LIFE COMPARISON**

KNG Series	P150 @ 5W	P400/P500 @ 4W	P800 @ 3W	P150S @ 5W	P400S @ 4W
Battery		Battery Life	(hrs) with 5/5	/90 Duty Cycle	
KAA0100	9.8	9.4	8.9	13.0	12.2
KAA0101	17.4	16.6	15.8	23.0	21.6
KAA0120 Clamshell <sup>1</sup>	TBD	TBD	TBD	TBD	TBD
Battery	Battery Life (hrs) with 10/10/80 Duty Cycle				
KAA0100	7.0	6.8	7.2	8.7	8.3
KAA0101	12.5	12.1	12.8	15.3	14.7
KAA0120 Clamshell <sup>1</sup>	TBD	TBD	TBD	TBD	TBD

<b>BK Series</b> @ 5W (2W w/Clamshell)	GPH	DPHx	GPH-CMD	DPHx-CMD
Battery	Batte	ery Life (hrs) w	ith 5/5/90 Duty	Cycle
LAA0193	13.8	13.2	13.2	13.2
LAA0171	18.7	18.0	18.0	18.0
LAA0170	21.7	20.8	20.8	20.8
Clamshell <sup>1</sup>	23.6	22.7	22.7	22.7
Battery	Battery Life (hrs) with 10/10/80 Duty Cycle			
LAA0193	7.4	7.3	7.3	7.3
LAA0171	10.1	9.9	9.9	9.9
LAA0170	11.7	11.5	11.5	11.5
Clamshell <sup>1</sup>	12.8	12.5	12.5	12.5

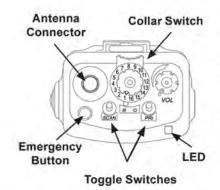
RDPR Series <sup>2</sup> & MPR	RDPR-00U	RDPR-00M	RDPR-HP w/EBS	MPR-150
Battery	Battery Life	e (hrs) with 10%	Duty Cycle	N/A
7.5A SLA	34.3	N/A	N/A	
2 x 7.5 SLA	68.6	N/A	N/A	
UBI2590 (Military)	N/A	37.3	N/A	
40 AH Li-Ion	N/A	N/A	40.1	
Battery	Battery Life	Battery Life (hrs) with 20% Duty Cycle		
7.5A SLA	20.2	N/A	N/A	N/A
2 x 7.5 SLA	40.3	N/A	N/A	N/A
UBI2590 (Military)	NA	25.6	N/A	23.8
40 AH Li-Ion	N/A	N/A	20.7	N/A
Battery	Battery Life	e (hrs) with 30%	Duty Cycle	10/10/80
7.5A SLA	14.3	N/A	N/A	N/A
2 x 7.5 SLA	28.5	N/A	N/A	N/A
UBI2590 (Military)	N/A	19.5	N/A	18.2
40 AH Li-Ion	N/A	N/A	14.0	N/A



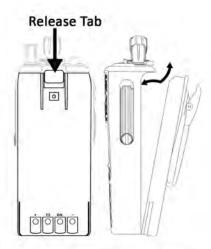
<sup>1</sup> Battery life is dependent on the quality of the alkaline cell. <sup>2</sup> Estimated using KNG-P150 at 5W



## KNG2 PORTABLE RADIO BUTTONS AND FUNCTIONS

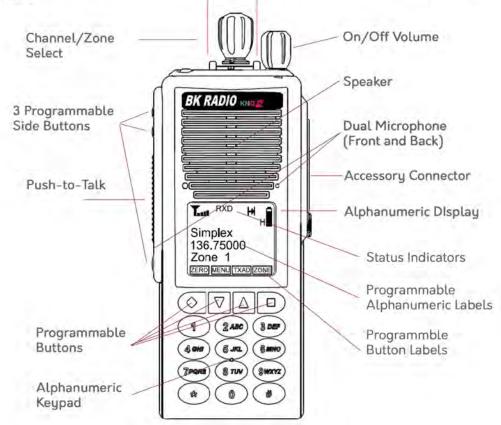


LED Indicator Receive (green) Busy Channel (flash green) Transmit (red) Flash Mode (blue) Low Battery (flash red)



The KNG2 display can be programmed for a variety of options and functionality. Check with your Sales Representative or communications officer for information on the programmed functions of your radio.

NOTE: The KNG2 display can be programmed to display different information when a trunking or conventional channel is selected.





## KNG SERIES MOBILE RADIO

The KNG Series radio offers exceptional performance in a lightweight form. With industry leading RF and electrical specifications in a rugged, submersible housing, the KNG Series platform provides the performance needed for the most demanding applications making this the perfect radio for all aspects of government, public safety and first responder missions.

	KNG Mobile Radio	KNG Remote Control Head (KAA0660)		
Display	Alpha-numeric Touch Screen Display The KNG Mobile's innovative color TFT touch screen display solves many issues seen in existing mobile radio control heads. Day or night, get all the information you need right at your fingertips.			
Channel Capacity	5000	5000		
Memory	64 MB Volatile 256 MB Non-Volatile (Flash)	64 MB Volatile 256 MB Non-Volatile (Flash)		
VHF	KNG-M150	Compatible		
UHF Range 1	KNG-M400	Compatible		
UHF Range 2	KNG-M500	Compatible		
700/800 MHz	KNG-M800	Compatible		

## HANDHELD CONTROL HEAD - HCH





## KNG SERIES MOBILE RADIO

**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, Cassidian, 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. BK 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.

Embedded GPS – The KNG Mobile Radio is equipped with internal GPS capability, which means no external devise is necessary to operate the GPS function.



## KNG MOBILE RADIO STANDARD FEATURES

#### Innovative Touch Screen Display

Touch screen display provides unparalleled level of end-user customizing, ease of use, and expansion as new technologies are integrated with Project 25 Standards

#### **Enhanced Voice Quality**

The KNG Series radio uses the Third Generation Enhanced IMBE Project 25 dual rate Vocoder (AMBE+2 V1.80) for robust performance in noisy environments. Software based noise cancellation preserves situational awareness lost with dual microphone systems.

#### 5 Line Color Bitmap Display

Status Icons, three customizable display lines of 14 characters and soft key legends.

#### **Environmental Reliability**

Designed and tested to MIL-STD-810 and IP-54 rated.

#### DHS P25 CAP Approved

DHS P25 Compliance Assessment Program Tested and Approved Public Safety Grade (TIA Class A).

#### **Robust Receiver**

Improved range and less susceptibility to interference.

#### Simulcast Operation

C4FM and CQPSK modes for robust performance in simulcast (including LSM) systems.

#### **Conventional Signaling**

Analog MDC-1200 and digital APCO Project 25 for conventional operation. IP54

11754

Water and dust protection

#### Scan Modes

Dual priority scan, trunked priority scan, and dual mode scan

#### NIST FIPS-140-2 Certification

The KNG Series radios employ a NIST Certified Cryptographic module.

#### Multi-key/Multi-Algorithm

Multi-Key/Multi-Algorithm Encryption and Over-the-Air Rekey

#### Encryption Key Fill

TIA-102-AACD compliant and interoperable with commercially available keyfill devices.

#### Project 25 9600 Baud Trunking

The KNG Series radio operates on 9600 baud P25 Compliant Trunking Systems and has been Project 25 Compliance Assessment Program (P25CAP) tested and proven interoperable.

#### OTAP

KNG Series radios support Over-the-Air Programming (OTAP) for operational efficiency.

#### TDMA Phase 2

KNG Series 700/800 MHz platforms are Project 25 Phase 2 (TDMA) ready supporting double the voice capacity of Phase 1 trunking systems.

#### Radio Authentication

Project 25 Radio Authentication per TIA-102-AACE-A is supported.

#### **GPS/Location Services**

Project 25 Location Services per TIA-102-BAJB are supported.

#### Room to Grow

Currently uses less than 20% of available memory and processor cycles.







BK Technologies | 7100 Technology Drive, West Melbourne, FL 32904

## KNG MOBILE AVAILABLE OPTIONS AND DESCRIPTIONS

KAA0154	High Power, 110W KNG-M150
KAA0521	DFSI / Station Alert Interface Unit
КАА0569	P25 9600 Baud Trunking
KAA0580	OTAR (Trunking & Conventional ) "Must have KZA0576"
KAA0583	Vote Scan
KAA0589	Field Installed GPS Option for KNG Mobiles
KAA0592	Field Installed, OTAP, Trunking, KNG-Mxxx "Must have KZA0569"
KAA0594	Option, TDMA
KAA0596	Option, Radio Authentication "Must have KZA0576 & KZA0569"
KAA0614	Kit, Nameplate KNG-Mxxx
KAA0616	Cable Interface, FireCom KNG-Mxxx
KAA0629	Kit, RCH Expansion Splitter Box, KNG-M
KAA0660	Remote Control Head Plug & Play KNG-Mxxx (Comes with KAA0638 Install Kit)
KAA0661	Remote Control Head Cover KNG Mobiles
KAA0670	Hand Held Control Head HCH
KZA0154	Factory Install Option, High Power, 110W KNG-M150 Only
KZA0569	Factory Install P25 9600 Baud Trunking
KZA0576	Factory Install DES / AES Encryption
KZA0580	Factory Install P25 Over the Air Rekeying (OTAR) " Must have KZA0576"
KZA0583	Factory Install Vote Scan
KZA0589	Factory Install GPS
KZA0592	Factory Install, OTAP, Trunking, KNG-Mxxx "Must have KZA0569"
KZA0594	Factory Install, TDMA "Must have KZA0569"
KZA0596	Factory Install, Radio Authentication "Must have KZA0576 & KZA0569"
KZA0614	Factory Install, Kit, Nameplate KNG-Mxxx



bktechnologies.com | 1-800-821-2900 | sales@bktechnologies.com

## KNG MOBILE RADIO BUTTONS AND FUNCTIONS

- Full Color Touch screen
- 5 Line display: Status Icons, three customized display lines of 14 characters, 4 programmable touch keys and menu touch key
- 3 x 4 Keypad microphone with navigation keys and 3 programmable function keys Dash and Remote Mount Configurations
- Multiple Control Heads supported: Single, dual and triple allow full control of the transceiver from multiple positions
- Dual 15 watt external speak outputs per control head





# bktechnologies.com