

The KNG P150 Digital Portable Radio

VHF 136-174 MHz



Tough. Reliable. Uncompromising.

Meet the KNG P150 digital portable radio from RELM Wireless. The one radio that works as hard as you do – in the same mission-critical situations you do. Compliant with APCO Project 25 specifications, the KNG P150 assures uninterrupted interoperability across frequencies, different groups of responders and variations in terrain. When seconds count, it's everything you need in a communications device.

The practical solution for all personnel.

In the field, first responders learn to expect the unexpected. So, whether it's reacting to a change in wind direction for fire fighters, coordinating backup for law enforcement or deploying additional units for military operations, it's important to keep everyone on the same line of communication – even if the equipment they're using is made by different companies. That's why the P25 designation is so important. It assures that the KNG P150 will work with any other similarly APCO-specified device.

Even better, unlike digital portable radios that run out of battery life too soon, the KNG P150 remains on duty for 18 hours or more. No one can predict when a minor situation will turn out to be something more, but with the KNG P150 in your back pocket, at least you'll never have to worry about your radio giving out. It's what a whole new RELM of possibilities is all about.

- + 512 channels and up to 63 zones
- + Over-The-Air-Rekeying (OTAR) encryption
- + 18+ hours of battery life
- + USB PC programmable
- + IS options available
- + NIST-certified AES and DES/OFB encryption
- + Customized keypad and multi-line display
- + RS-232 radio-to-radio cloning in just minutes
- + MIL-STD 810 C/D/E/F
- + IP67 dust tight/immersion up to 1m of submersion
- + Future options – GPS and Trunking

General Specifications	P150
Frequency Range (MHz)	136 - 174
Channels w/ Variable Zone Size	512
Zones (up to)	63
Operating Voltage (V Nominal)	10
Channel Spacing (kHz)	12.5/25
Channel Increments (kHz)	1.25
Operating Temperature (°C)	-30 to +60
Dimensions (W in x D in x H in)	2.5 x 1.8 x 5.5
Weight w/ Battery (oz)	16
Standby Current Draw (mA)	20
With Battery Save "On"	
FCC ID	K95KNGP150

Receiver Specifications	
Sensitivity (dBm)	-121
P25 Sensitivity (dBm)	-121
Adjacent Channel Rejection (dB)	80 (70)
Per TIA/EIA-603 2.1.6	
P25 Adjacent Channel Rejection (dB)	60
Spurious and Images (dB)	80
Intermodulation Rejection (dB)	78
Audio Distortion at 500mW (%)	2
Current Draw (mA)	255

Transmitter Specifications	
RF Power (Watts)	6 / 5 / 1
Frequency Stability (ppm)	1.5
Audio Distortion (%)	3
FM Hum & Noise (dB)	50 (45)
Spurious and Harmonics (dB)	75
Current Draw (mA)	1500

Narrowband specifications are denoted in parenthesis.

