



NEXEDGE® VHF  
Digital & FM Portable Radio

NX-210G

 Zoom

The new NX-210K2 portable is the latest addition to the NEXEDGE® lineup – designed specifically for users preferring a mid-size platform with a larger keypad. The NX-210K2 has the same NXDN® digital, analog, LCD display, PF key capabilities and transmit/receive specifications as the NX-200 and comes standard with a DTMF encoder with large backlit keys ideal for applications requiring frequent text messaging, selective signaling or interconnect.

KENWOOD's NEXEDGE® portable models now come standard with internal GPS functionality. "NX-G-models" feature a built-in GPS module for NEXEDGE® or FleetSync® (analog) location applications. "NX-G-Models" still feature NEXEDGE® conventional and trunking technology featuring 6.25 kHz digital narrowband operation, meeting the needs of private enterprise and public sectors today and in the future.

## General Features

- 5 W (136–174 MHz)
- 512 Channels / 128 Zone
- 14 Character Alphanumeric Aliases
- 4 Front Panel / 2 Side PF Keys
- Large 12-Key DTMF Keypad

- Built-in GPS Unit
  - Emergency/AUX Key
  - Analog Conventional
  - Analog LTR Trunking
  - FleetSync /II
  - NXDN® Digital Conventional
  - NXDN® Digital Trunking
  - VOX Ready
  - Cloning
  - Date & 12/24 Hour Time Clock
  - Lone Worker
  - Flash Firmware Upgrading
  - Easy Option Port
  - MIL-Spec Speaker Mic Option
  - KMC-38GPS Speaker Mic Option
  - MIL-STD 810 C/D/E/F
  - MIL-STD "Driven Rain"
  - IP-54/55 Water & Dust Intrusion
  - 3 Year Factory Warranty
  - Intrinsically Safe Option
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## Scan

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- Single Zone / Multi-Zone / List Scan
  - Dual Priority Scan (Conventional)
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## FleetSync® / II (FM)

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- PTT ID Digital ANI
  - Selective Call & Group Call
  - Status Messaging
  - Caller ID Display
  - Short Text Messages
  - Send/Display GPS (KMC-38GPS)

## SPECIFICATIONS

		NX-210
GENERAL		
Frequency Range		136-174 MHz
Number of Channels		512
Zones		128
Max. Channels per Zone		250
Channel Spacing	Analog/Digital	12.5 / 15 / 25 / 30 kHz    (6.25 / 12.5 kHz)
Operating Voltage		7.5V DC $\pm$ 20%
Battery Life (5-5-90)	with KNB-31A	More than 10 hours
	with KNB-32N	More than 14 hours
	with KNB-33L	More than 11 hours
Battery Life (10-10-80)	with KNB-31A	More than 6 hours

	with KNB-32N	More than 9 hours
	with KNB-33L	More than 7 hours
Operating Temperature Range		-22° F to +140° F (-30° C to +60° C)
Frequency Stability		± 2.0 ppm
Antenna Impedance		50
Dimensions (W x H x D)	Radio only	2.28 x 5.46 x 0.88 in (58 x 138.8 x 22.4 mm)
Projections not included	with KNB-31A	2.28 x 5.46 x 1.60 in (58 x 138.8 x 40.7 mm)
	with KNB-32N	2.28 x 5.46 x 1.60 in (58 x 138.8 x 40.7 mm)
	with KNB-33L	2.28 x 5.46 x 1.35 in (58 x 138.8 x 34.2 mm)
Weight (net)	Radio only	9.52 oz (270 g)
	with KNB-31A	18.52 oz (525 g)
	with KNB-32N	19.58 oz (555 g)
	with KNB-33L	13.93 oz (395 g)

FCC ID		ALH423500
RECEIVER		
Sensitivity	Digital @ 6.25kHz (3% BER)	0.20 $\mu$ V
	Digital @ 12.5kHz (3% BER)	0.25 $\mu$ V
	Analog (12 dB SINAD)	0.25 $\mu$ V
Selectivity	Analog @ 25 kHz	72 dB
	Analog @ 12.5 kHz	65 dB
Intermodulation Distortion	Analog	70 dB ( $\pm$ 50,100 kHz)
Spurious Response	Analog	70 dB
Audio Distortion		Less than 3%
Audio Output		500 mW / 8
TRANSMITTER		

RF Power Output		5 W / 1 W
Spurious Response		70 dB
FM Hum & Noise	Analog @ 25 kHz	45 dB
	Analog @ 12.5 kHz	40 dB
Audio Distortion		Less than 3%
Modulation		16K0F3E, 11K0F3E, 8K30F1E, 8K30F1D, 8K30F7W, 4K00F1E, 4K00F1D, 4K00F7W, 4K00F2D

Analog measurements made per TIA/EIA 603 and specifications shown are typical. Specifications are subject to change without notice, due to advancements in technology.

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LTR® is a registered trademark of Transcript International.

AMBE+2™ is a trademark of Digital Voice Systems Inc. Windows® is a registered trademark of Microsoft Corporation.

NXDN® is a registered trademark of JVC KENWOOD Corporation and Icom Inc.

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Footnotes from front:

1 Requires compatible PC software application or console.

2 These trunked features are primarily system programming and operational dependent. Priority Monitor also requires NX subscriber settings.