

# NX-700 / 800

## NEXEDGE™ VHF/UHF Digital & FM Mobile Radios



**All NX series mobiles include:**

- Standard Microphone (KMC-35)
- Mounting Bracket
- DC Cable (KCT-23M)
- Blade Fuse
- Instruction Manual
- Premium Warranty: 3 Years\*

\* All Accessories / options: 1 Year

\* TX Power is derated at 490-512 MHz

- NX-800K: 450-489 MHz (30 W)  
490-512 MHz (25 W)
- NX-800HK: 450-489 MHz (45 W)  
490-512 MHz (40 W)

**GENERAL FEATURES**

- 30W / 50W (136-174 MHz)
- 30W / 45W (400-470, 450-520 MHz)\*
- 512 CH-GID / 128 Zones
- Dash & Remote Mount
- 14 Character Alphanumeric Aliases
- Backlit Dot Matrix LCD
- 3-Digit Sub-Display
- Function/Status LCD Icons
- RSSI Indicator
- Date & 12/24 Hour Time Clock
- Transmit/Busy/Call Alert/Warn LED
- On/Off Power Control
- 4 Up/Down Selectors
- 6 Front PF Keys
- Emergency/AUX Key
- 4W Speaker Audio
- Emergency Call Features
- Special Alert Tone Patterns
- Time Out Timer
- Busy Channel Lockout
- DB-25 Accessory Connector
- 9 Programmable AUX I/Os
- 2 Programmable AUX Outputs
- Ignition Sense
- Public Address / Horn Alert Option
- MIL-Spec Standard Mic
- MIL-Spec 12-Key DTMF Mic Option
- KPG-111D Windows® FPU
- Flash Firmware Upgrading
- Front Panel Test & Tune
- Cloning
- MIL-STD-810 C/D/E/F
- MIL-STD "Driven-Rain"
- IP-54/55 Water & Dust Intrusion
- Easy Option Port
- PC Serial Interface
- GPS Receiver Option
- VGS-1 Voice Guide/Storage Option

**DIGITAL – COMMON**

- NXDN® Digital Air Interface
- AMBE+2™ VOCODER
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Paging Call
- Emergency Call
- All Group Call
- Status Messaging
- Remote Stun/Kill
- Remote Check
- Short & Long Data Messages
- GPS Location with Voice
- NXDN® Scrambler Included

**DIGITAL CONVENTIONAL MODE**

- 64 Radio Access Numbers (RAN)
- Individual & Group Selective Call
- Mixed FM/Digital Operation

**DIGITAL TRUNKING MODE**

- Individual Private Call
- Group Call
- Broadcast Call
- Transmission Trunked Mode
- Message Trunked Mode
- Call Queuing with Priority
- Call Queue Pre-emption
- Late Entry (UID & GID)
- 4 Priority Monitor ID's
- Remote Group Add
- Multi-Site IP Network Compatible

**SCAN**

- Single Zone / Multi-Zone / List Scan
- Dual Priority Scan (Conventional)

**FM MODES - GENERAL**

- 25 & 12.5 kHz Channels
- FleetSync®/II
- DTMF Encode/Decode
- Companded Audio
- Voice Inversion Scrambler
- Encryption/ANI Board Control

**FM CONVENTIONAL ZONES**

- QT / DQT
- Two-Tone Decode
- Single/Two-Tone Encode
- Call Key 1-6
- Operator Selectable Tone

**FM LTR® TRUNKED ZONES**

- Kenwood LTR® Features

**FleetSync®/II (FM)**

- PTT ID Digital ANI
- Selective Call & Group Call
- Status Messaging
- Emergency Status
- Caller ID Display
- Short Text Messages
- Power On/Off Status Messages
- Input/Output Status Messages
- Send/Display GPS
- PTT ID & Emergency GPS Reporting
- Status Message Block GPS Reporting
- Ignition On/Off GPS Reporting
- VGS-1 GPS Data Storage

<b>MODEL</b>		<b>LIST</b>
NX-700K	136-174 MHz 30W, 512 CH / 128 Zone	725.00
NX-700HK	136-174 MHz 50W, 512 CH / 128 Zone	850.00
NX-800K	450-520 MHz 30W, 512 CH / 128 Zone	725.00
NX-800K2	400-470 MHz 30W, 512 CH / 128 Zone	725.00
NX-800HK	450-520 MHz 45W, 512 CH / 128 Zone	850.00
NX-800HK2	400-470 MHz 45W, 512 CH / 128 Zone	850.00

<b>MOBILE INSTALLATION ACCESSORIES</b>		<b>LIST</b>
KAP-2	Horn Alert/P.A. Relay Option	63.00
KCT-46	Ignition sense cable (plugs directly into mobile chassis ignition sense line)	13.70
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max).	42.00
KMB-10	Key lock adapter	26.30
KRK-10	Remote Control Kit (a remote control cable (23 ft) is included)	105.00
KCT-23M	DC Cable (35-50W Dash mount; pos/neg. 10 ft. leads)	31.50
KCT-23M3	DC Cable (35-50W Remote mount; pos.23 ft.; neg. 3.3. ft. leads)	34.75

<b>CONTROL STATION INSTALLATION ACCESSORIES</b>		<b>LIST</b>
KMC-9C	Control Station Desktop Microphone (8-pin mod. plug)	86.00
KMB-24	Control Station Mounting Case for KPS-15 Power Supplies (mobile mounting hardware included)	42.00
KPS-15	DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak)	173.00

<b>MICROPHONES AND SPEAKERS</b>		<b>LIST</b>
KMC-35	Standard dynamic mobile microphone (8-pin mod. plug)	52.50
KMC-36	Standard dynamic mobile microphone with 12 keypad (8-pin mod. plug)	94.50
KMC-9C	Control Station Desktop Microphone (8-pin mod. plug)	86.00
KES-3	External speaker (compact low profile; black case; 3.5 mm phono plug-in)	44.25
KES-5	External speaker, 40W max input <b>Note:</b> requires KAP-2 (PA/HA unit) installed	61.25

<b>OPTION MODULES</b>		<b>LIST</b>
VGS-1	Voice Guide and Storage Unit	87.50
CIM-1000K-26	GE-Star or MDC-1200 ANI Encode 26-Pin Plug-in Board Must order <b>L-1090</b> or <b>L-1091</b> for radio install & programming <b>Note:</b> CIM-1000K-26 G-Star®/ MDC1200 Digital ANI (26-Pin Plug-in) Boards Pre-programmed & installed boards require a completed CIM-1000K-26 Information and Order Sheet" (available from Kenwood LMR Order Desk) submitted with order. <b>a)</b> Order the appropriate Labor Code for MDC-1200 or G-Star. <b>b)</b> CIM-1000K-26 boards can be ordered and shipped loose (if shipped loose, Kenwood will not program the board).	131.25
CIM-CABLE	Serial Program Cable <b>Note:</b> CIM-1000, K-20, K-26 programs via Windows Hyper terminal (Windows Ver 3.1 or later) or any ProComm version; board must be installed in a powered radio for programming. The radio programmer does NOT program the CIM-1000, K-20, K-26. CIM-CABLE is a DB-9 PC connector with 3 short lead with clips and may require a PC serial extension cable. CIM-IRP (Part No 01-30-0510) Infrared wireless standalone programmer, C-Plus line of desktop decoder displays and CIM-1000, K-20, K-26 Instruction Manuals are available directly from Cimarron Technologies 800-487-7184 at www.cimtechcorp.com	61.25

**FleetSync® & NEXEDGE™ AVL & MESSAGING** **LIST**

KGS-3	FleetSync® & NEXEDGE™ AVL & Messaging Software (Windows® 2000/XP compatible), <b>Note:</b> AVL operation /use is not required. Compatible with Microsoft® MapPoint® 2004/2006 Software or certain type imported maps (purchase aftermarket separately) Refer to KGS-3 spec sheet for detailed features & requirements.	347.00
KAS-10	FleetSync® & NEXEDGE™ AVL & Messaging Software (Windows® XP/VISTA compatible), <b>Note:</b> AVL operation /use is not required. Compatible with Microsoft® MapPoint® 2006/2009 Software or certain type imported maps (purchase aftermarket separately) Refer to KAS-10 spec sheet for detailed features & requirements.	434.00
GPS15L-W	Garmin Internal GPS Receiver Board for FleetSync® & NEXEDGE™ AVL <b>Note:</b> <ul style="list-style-type: none"> <li>• Conventional &amp; LTR operation</li> <li>• NEXEDGE™ Conventional &amp; Trunking operation</li> <li>• Requires GA25 MCX GPS antenna</li> <li>• Refer to 180/NX-Series &amp; KGS-3/KAS-10 In-Depth Technical Manuals for installation, programming &amp; KGS-3/KAS-10 software setup. Refer to www.garmin.com for GPS-15L-W technical specifications.</li> <li>• Option: Order <b>L-1098</b> for Kenwood Long Beach installation</li> </ul>	130.25
GA25MCX	Garmin On-dash Style Magnetic base GPS Antenna for GPS15L-W <b>Note:</b> shipped loose only; Install GA25MCX antenna to GPS15L-W before vehicle install; Refer to 180/NX-Series In-depth Technical Manuals for mobile installation.	62.00

**SERVICE RELATED ACCESSORIES** **LIST**

KPG-46AM	Programming interface cable	191.00
KCT-53UM	USB Adapter for KPG-xxAM DB9F Programming Interface Cables (DB9M - to - USB Type A connector)	86.00
KPG-111DK	Windows® Programming Software for NX-200/300/700/800	103.25

**INSTALLATION / TUNING CHARGES** **LIST**

L-1085	NX-700/800 Programming (with basic TX/RX check)	37.50
L-1087	Install VGS-1 Voice Guide & Storage Unit <b>Note:</b> VGS-1 installation precludes any ANI or encryption board installation	25.00
L-1090	Install & Program CIM-1000K-26 for MDC-1200 in NX-700/800	75.00
L-1091	Install & Program CIM-1000K-26 for GE-Star in NX-700/800	75.00
L-1094	Install KAP-2 (Default) HR1/Internal Sp./PA	25.00
L-1098	Install Garmin GPS15L-W in NX-Series mobile for FleetSync® AVL	100.00
L-1099	Assemble NX-700/800 with KRK-10 Remote Kit	42.00