

NEXEDGE®

NX-1700HDK

VHF DMR & FM Analog Mobile Radios

**All NX-1000 series mobiles include:**

- Standard Microphone (KMC-65M)
- Mounting Bracket
- DC Cable
- 15A Fuse
- Instruction Manual

■ GENERAL FEATURES

- 50 W (136-174 MHz) Model
- DMR & Analog Mode
- Optional NXDN Mode Conversion
- AMBE+2™ VOCODER
- 260 CH-GID / 128 Zones
- 13-Segment 10-character LCD Display
- 7-color large LED indicator
- White Backlit
- KENWOOD Audio Quality
 - 6W (max) loud audio
 - Audio Equalizer: Flat, High, or Low
 - Auto Gain Control: On, High, or Low
 - Microphone type settings
- Multiple Scan Functions
 - Dual/Single Priority Scan, Single/Multi Zone Scan, Normal Scan
- Orange-colored Emergency button
- Horn Alert and Public Address function
- Ignition Sense function
- Voice Announcement
- DB15 Accessory Interface
- Lone Worker
- Max/Min Volume Setting
- Display Customization
- Power-on LED
- Menu Mode
- MIL-STD-810 C/D/E/F/G/H
- IP-54 Water & Dust Intrusion
- GPS Receiver Option

■ DIGITAL – DMR MODE

- DMR Tier 2 Conventional & Site Roaming
- DMR Auto Slot Select (DASS)
- 12.5 kHz Channels
- Digital / Analog Mixed Mode
- Call Interrupt
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check & Control
- Over-the-Air Alias
- GPS Combination with additional module
- Late Entry
- ARC4 Encryption Option

■ DIGITAL – NXDN® MODE (Optional)

- NXDN® Conventional & Site Roaming
- NXDN® Type-D Trunking Option
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Digital / Analog Mixed Mode
- Group / Individual Call
- Status, Short Data, Paging Call
- Remote Stun, Kill, Monitor, Check & Control
- GPS Combination with additional module
- Late Entry
- NXDN® Scrambler

■ ANALOG MODE

- Conventional Zones
- FleetSync®: PTT ID, Stun/Revive, Mute hold, Talk back, Selcall
- MDC-1200: PTT ID, Radio Inhibit/Unihabit, Radio Check, Emergency
- QT / DQT
- Two-Tone
- DTMF
- Built-in Voice Inversion Scrambler (per channel)
- Built-in Compander (per channel)

OPTIONAL FEATURES

- NXDN Conversion License ([KWD-1201CD](#))
- NXDN Type-D Trunking License ([KWD-1202TDK](#)) *Requires KWD-1201CD enabled
- DMR ARC4 Enhanced Encryption ([KWD-1500EE](#))
- Remote Control Command by Subscriber Units ([KWD-1501RC](#))

Digital mode conversion & Type-D requires additional firmware loading after applying upgrade license.

MODEL

NX-1700HDK 136-174 MHz VHF 50W, 260 Ch / 128 Zones

MOBILE INSTALLATION ACCESSORIES

KCT-60M	DB15-to-15pin Molex Adapter Cable
KCT-18	Ignition sense cable (requires KCT-60M Acc. Cable Option)
KLF-2	Line Filter (suppresses alternator whine, 25dB, 25A max)
KMB-10	Key lock adapter

CONTROL STATION INSTALLATION ACCESSORIES

KMC-9C	Control Station Desktop Microphone (8-pin mod. plug) Note: NOT compatible with TDMA operations
KMC-59C	Control Station Desktop Microphone (8-pin mod. plug) Note: Compatible with FDMA (analog / NXDN) and TDMA operations
KMB-34	Control Station Mounting Case for KPS-15 Power Supply and Mobiles (excludes TK-5x10/6110 series). (mobile mounting hardware included)
KPS-15	DC Switching Power Supply (117/230 VAC; 23A max. continuous, 25A peak)

MICROPHONES AND SPEAKERS

KMC-65M	MIL-SPEC Standard electret mobile microphone (8-pin mod. plug)
KMC-66M	MIL-SPEC Standard electret mobile microphone with 12 keypad (8-pin mod. plug)
KES-8K	External speaker, 10W, 4-Ohm, 3.5mm phone plug
KES-5A	External speaker, 40W max input Note: requires KCT-60M installed.

FleetSync® & NEXEDGE® AVL & MESSAGING

GPS15XL-W	Garmin Internal GPS Receiver Board for DMR/FleetSync AVL Note: <ul style="list-style-type: none"> • Conventional operation only. • Requires GA25 MCX GPS antenna. • Refer to www.garmin.com for GPS-15XL-W technical specifications. • Option: Order L-1874 for Kenwood Long Beach installation.
GA25MCX	Garmin On-dash Style Magnetic base GPS Antenna for GPS15XL-W Note: shipped loose only; Install GA25MCX antenna to GPS15XL-W before vehicle install.

SOFTWARE LICENSING & RADIO FEATURE OPTIONS

IMPORTANT: NX-5000/5000S/3000/3x20/1x00 series radio requires **KPT-300LMC & L-5000** for activation of Radio Feature licenses.

Submit completed form to LMR Order Desk for all Software license and Radio Feature license options.

License Keys will be E-mailed to the address provided on the order form.

- **FPU & Software Applications:** Software License Key Request Form
- **Radio Feature Licenses:** Radio Feature License Keys Request Form

Note: Radio Feature License Keys are transferable from one radio to another radio within 72 hours of activation. If a Radio Feature License is transferred to another radio within the 72 hour window, the 72 hour clock is reset.

Radio Features

KWD-1201CD	License Key for NXDN Conventional Conversion
KWD-1202TDK	License Key for NXDN Type-D Trunking Note: Requires KWD-1201CD (NXDN Conventional) enabled before applying NXDN Type-D Trunking license.
KWD-1500EE	License key for DMR ARC4 Enhanced Encryption Note: ARC4 Enhanced Encryption is available only in DMR mode.
KWD-1501RC	License Key for Remote Control by Subscriber Unit Note: <ul style="list-style-type: none"> - This license may be used by Administrator due to Stun/Revive/Kill. - The license is only required for transmission of Remote Control commands. - PC command for Remote Control does NOT require the license.

SERVICE RELATED ACCESSORIES

KPG-46XM	USB Programming interface cable
KPG-D6K	License Key for KPG-D6K Programming Software for NX-1000 series portable/mobile Note: Requires KPT-300LMC for authentication

INSTALLATION / TUNING CHARGES

L-5001	Factory Activation of Radio Feature Licenses (per Radio) Note: Must purchase Radio Feature Licenses separately. <u>KPT-300LMC's History Menu will not display the Radio Features activated by Factory.</u>
L-1873	NX-1000 Series Mobiles Programming (with basic TX/RX check) Must submit <u>NX-x000 Series Programming Order Form</u> upon placing order for any programming services
L-1874	Install Garmin GPS15XL-W in NX-1000 Series mobile Note: The KGS-3 & GPS15XL-W are not compatible with KGP-2A/2B AVL systems.