

# KENWOOD

Listen to the Future

NEW PRODUCT INFORMATION

## NEXEDGE™

# NXR-700/800

NEXEDGE™ VHF/UHF Digital & FM Base Units

**NXDN™**

**FleetSync®**  
by KENWOOD

### ● GENERAL FEATURES

- 146-174 MHz
- 450-480 MHz
- 5 W Exciter Output
- 40 / 110 / 250 Watt VHF Systems
- 40 / 100 / 250 Watt UHF Systems
- Repeater Operation
- Duplex/Simplex Base Operation
- 30 CH Scanning Base (Conventional)
- Two-Digit LED Display
- LED Status Indicators
- 6 Programmable Function Keys
- 3 W Front Panel Speaker
- Volume Control
- Microphone Jack
- Program/Modem Interface
- Remote Termination Interface
- Programmable AUX I/O's
- DTMF Front Panel PF Key Control
- DTMF AUX Output Control
- DTMF AUX Input Monitoring
- KPG-109D Windows® FPU
- Flash Firmware Upgrading

### ● DIGITAL – GENERAL

- NXDN™ Digital Air Interface
- AMBE+2™ VOCODER
- 6.25 & 12.5 kHz Channels
- NXDN™ Scrambler (Included)
- KXX-3 OCXO Option (6.25 kHz operation)

### ● DIGITAL – CONVENTIONAL MODE

- 16 RAN Repeater Controller Built-in
- 1,000 GIDs Per Site
- 1,000 UIDs Per Site
- Individual & Group Selective Call
- Mixed FM/Digital Operation

### ● DIGITAL TRUNKING OPTION

- 3,000 GIDs Per Site
- 3,000 UIDs Per Site
- 30 Channels Per Site
- Transmission Trunked Mode
- Message Trunked Mode
- Busy Call Queuing Priority
- Call Queue Pre-emption
- Late Entry
- Control/Traffic Channel Switching
- Control Channel Rotation
- Cross-Busy
- Fail Soft Mode\*
- ESN Validation\*

### ● MULTI-SITE IP NETWORK OPTION\*

- 16 Sites Per Network
- 60,000 GIDs Per Network
- 60,000 UIDs per Network
- Individual Private Call
- Group Call
- NEXEDGE™ Trunked Features
- Ethernet Network Interface
- IP LAN/WAN Connectivity
- Auto-Roaming / Registration

### ● KPG-110SM SYSTEM MANAGER

- Trunked & Network Systems Only
- Windows® 2000/XP/Vista® Compatible
- USB Secure Key Access
- Direct, Dial-Up & IP Connectivity
- Subscriber Privileging
- Remote Site Provisioning
- Activity Monitoring
- NXR/Network Diagnostics
- Remote Flash Firmware Updating
- Call Logging\*

### ● FM MODES – GENERAL

- VHF: 25 & 12.5 kHz Channels
- UHF: 25 & 12.5 kHz Channels
- Encryption/ANI Board Control

### ● FM CONVENTIONAL MODE

- 16 QT/DQT Repeater Control Built-in
- Hang Timer / Time Out Timer / CW ID
- External FM Controller Interface
- EIA Voter Tone Generation

### ● FM LTR® TRUNKED MODE

- External LTR® Controller Interface

\* Some features/options are available in future releases.



KenwoodLandMobileRadio  
**25 Years**

