

## NXR-710 / NXR-810

### NEXEDGE® VHF/UHF Digital & FM Base Units



#### All NXR-710/810 series repeaters include:

- Mounting Hardware
- DC Cable (E30-3427-35)
- Fuse
- Instruction Manual



#### GENERAL FEATURES

- VHF: 50W (136-174 MHz)
- UHF: 40W (400-470 MHz)
- UHF: 40W (450-520 MHz)
- 50W / 40W @ 50% Duty
- 25W VHF/UHF @ 100% Duty
- Repeater Operation
- Duplex / Simplex Base Operation
- 30 CH Scanning Base
- Two-Digit LED Display
- 6 Lighted Programmable Function Keys
- Front Panel Speaker
- 4W External Speaker Audio
- Volume Control
- Microphone Jack
- Program Interface
- Remote Terminal Interface
- Programmable AUX I/O's
- DTMF Front Panel PF Key Control
- DTMF AUX Output Control
- DTMF AUX Input Monitoring
- Windows® PC Programming
- Flash Firmware Upgrading

#### DIGITAL - CONVENTIONAL MODE

- NXDN® Digital Air Interface
- Conventional IP Network (Future Avail.)
- AMBE+2™ VOCODER
- 6.25 kHz & 12.5 kHz Channels
- Mixed FM/Digital Operation
- NXDN™ Scrambler Built-in
- 1,000 GID's Per Site
- 1,000 UID's Per Site
- Individual & Group Selective Call
- All Group Call
- NXR Over-the-Air Alias

#### FM MODES - GENERAL

- VHF: 25 & 12.5 kHz Channels
- UHF: 25 & 12.5 kHz Channels
- Built-in Scrambler

#### FM CONVENTIONAL MODE

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

#### FM TRUNKED MODE

- External LTR® Controller Interface
- External MPT Controller Interface

#### MODEL

<b>NXR-710K</b>	136-174 MHz, 50W, Stand-Alone Repeater
<b>NXR-810K</b>	450-520 MHz, 40W, Stand-Alone Repeater
<b>NXR-810K2</b>	400-470 MHz, 40W, Stand-Alone Repeater

#### CONTROL STATION ACCESSORIES

KMC-9C	Control Station Desktop Microphone (8-pin mod. plug)
--------	--

#### MICROPHONES AND SPEAKERS

KMC-27A	MIL-SPEC & Noise Canceling Dynamic Microphone (8-pin mod. Plug)
KMC-27B	MIL-SPEC Standard Dynamic Microphone (8-pin mod. Plug)
KMC-35	Standard Dynamic Microphone (8-pin mod. Plug)
KES-5	External Speaker, 40W max input, Black Case

#### NETWORK RELATED ACCESSORY

KTI-3M	Network Interface Unit (required for conventional IP networking functionality)
--------	--

***SERVICE RELATED ACCESSORIES***

KPG-46UM	Programming Interface Cable
KPG-129DK	Programming Software, must be V1.xx or later

***SERVICE RELATED ACCESSORIES (AVAILABLE FROM THE PARTS DEPARTMENT)***

E30-3383-05	Tuning Cable
B51-8901-00	NXR-710 Service Manual
B51-8902-00	NXR-810 Service Manual
B62-2199-00	NXR-710 / NXR-810 Instruction Manual