



NXR-700E

VHF Digital & FM Base Unit

NXDN®



DIGITAL – GENERAL

- NXDN® Digital Air Interface
- NXDN® Scrambler Included
- AMBE+2™ VOCODER
- 6.25 & 12.5 kHz Channels
- UID & GID Validation
- NXR Over-the-Air Alias
- KXK-3 OCXO Option

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 Queing
- Call Que Pre-emption
- Late Entry (UID & GID)
- Control | Traffic Channel Switching
- Control Channel Rotation
- Cross-Busy
- Failsoft Mode
- NXDN® Traffic Channel Sharing
- 2 MB Call | Activity Memory
- Compact Flash Memory Expansion
- ESN Validation

FM TRUNKED MODE

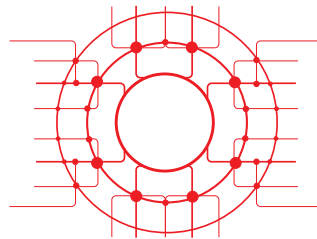
- External LTR® Controller Interface
- External MPT Controller Interface

DIGITAL – CONVENTIONAL MODE

- 16 RAN Repeater Controller Built-in
- 1.000 GIDs per Site
- 1.000 UIDs per Site
- Mixed FM | Digital Operation
- Conventional IP Networks
- Site Roaming Capability

MULTIPLE-SITE IP NETWORK OPTION

- 48 Site Trunked IP Network
- 60.000 GIDs per Network
- 60.000 UIDs per Network
- NEXEDGE® Trunked Features
- Ethernet Network Interface
- IP LAN | WAN Connectivity
- Auto-Roaming | Registration
- Wide Area All Group Call
- Virtual Private Network
- Group Registration
- Use of Off-the-Shelf 10 Base-T | 100 Base-TX Ethernet Switching & Routers



FM MODES – GENERAL

- 25, 20 & 12.5 kHz
- Encryption | ANI Board Control
- Voting



Technische Specificaties | Spécifications Techniques

GENERAL	NXR-700E
Frequency Range	146 ~ 174 MHz
Number of Channels	30 Channels
Channel Spacing	25 kHz 20 kHz 12.5 kHz
Analogue	12.5 kHz 6.25 kHz
Digital	
PLL Channel Step	6.25 kHz 5 kHz 3.125 kHz 2.5 kHz
Operating Voltage	13.2 V DC (10.8 ~ 15.6 V DC)
Operating Temperature Range	-30°C ~ +60°C
Frequency Stability	± 1.5 ppm
Antenna Impedance	50 Ohm
Dimensions (W x H x D)	480 x 44 x 331 mm – Projections not included –
Weight (approx. net)	5,00 kg
Applicable Standards	ETSI R & TTE EN 300 086 EN 300 113 EN 300 219 EN 301 489 EN 301 166
ETSI Safety	EN 60065 EN 60950-1 EN 60215

Kenwood volgt een politiek van voortdurende vooruitgang in de technische ontwikkeling.
Om deze reden kunnen de specificaties zonder voorafgaande kennisgeving worden gewijzigd.
Kenwood suit une politique d'évolution permanente dans son développement.
Les spécifications sont susceptibles de changer sans préavis.

RECEIVER	NXR-700E
Sensitivity (Analogue)	0.30 µV EIA 12 dB SINAD EN 20 dB SINAD
Sensitivity (Digital)	0.33 µV 0.27 µV 3% BER 1% BER – 12.5 kHz 6.25 kHz –
Adjacent Channel Selectivity (Analogue)	90 dB 87 dB 82 dB
Intermodulation (Analogue)	72 dB
Spurious Response Rejection (Analogue)	95 dB
Audio Distortion	Less than 2%
Audio Output	3 W 4 Ohm
TRANSMITTER	NXR-700E
RF Power Output	25 W High Low
Modulation Limiting (Analogue)	± 5.0 kHz at 25 kHz ± 4.0 kHz at 20 kHz ± 2.5 kHz at 12.5 kHz
Spurious Emission	-36 dBm (≤ 1 GHz) -30 dBm (> 1 GHz)
FM Noise (Analogue)	55 dB 55 dB 50 dB EIA
Modulation Distortion	Less than 1%
Modulation	16K0F3E, 14K0F3E, 14K0F2D, 12K0F2D, 8K50F3E, 7K50F2D, 8K30F1E, 8K30F1D, 8K30F7W, 4K00F1E, 4K00F1D, 4K00F7W, 4K00F2D

Toebehoren | Accessoires

MICROFOONS | MICROPHONES

KMC-30M
Microfoon
Microphone



KMC-35M
Robuuste microfoon (IP55)
Microphone robuste (IP55)



KMC-9CM
Tafelmicrofoon
Microphone à poser



LUIDSPREKERS | HAUT-PARLEURS

KES-5M
Externe luidspreker – 20 Watt, 4 Ohm
Haut-parleur externe – 20 Watt, 4 Ohm



DIVERSEN | DIVERS

KXK-3
OCXO eenheid
Unité OCXO



PROGRAMMATIE | PROGRAMMATION

KCT-53UM
USB adaptor
Adaptateur USB



KPG-109DM
Software
Logiciel



KPG-110SM
Software "Trunking & Networking"
Logiciel "Trunking & Networking"



LICENTIES | LICENCES

KSL-1TR
Licentie "Trunking" per basisstation
Licence "Trunking" par station de base

KSL-2 NW
Licentie "Multisite Networking" per basisstation
Licence "Multisite Networking" par station de base