



NX-800E

UHF Digital & FM Mobile Transceiver

NXDN® FleetSync®

5-tone



DIGITAL – GENERAL

- NXDN® Digital Air Interface
- AMBE+2™ VOCODER
- 6.25 & 12.5 kHz Channels
- Over-the-Air Alias
- Paging Call
- Emergency Call
- All Group Call
- Advanced Transparent Data Mode¹
- 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
- Failsoft Mode

SCAN

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

FM MODES – GENERAL

- 25, 20 & 12.5 kHz
- FleetSync® II
- DTMF Encode | Decode
- Companded Audio
- Voice Inversion Scrambler
- ANI Board Control

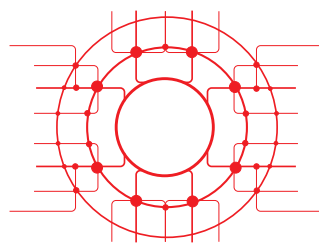
FM CONVENTIONAL ZONES

- QT | DQT
- Two-Tone Decode
- Single | Two-Tone Encode
- 5-Tone Encode | Decode
- Call Key 1-6
- Operator Selectable Tone
- Voting

FLEETSYNC®/II (FM)

- PTT ID Digital ANI
- Selective Call & Group Call
- Emergency Status
- Caller ID Display

¹ Requires NX subscriber unit PC Serial Interface compatible software application (e.g. Kenwood AVL & Dispatch Messaging software) or hardware (e.g. console).



Technische Specificaties | Spécifications Techniques

GENERAL	NX-800E
Frequency Range	400 ~ 470 MHz
Number of Channels Zones Max. Channels per Zone	512 Channels 128 Zones 250 Channels per Zone
Channel Spacing Analogue Digital	25 kHz 20 kHz 12.5 kHz 12.5 kHz 6.25 kHz
Operating Voltage	13.2 V DC (10.8 ~ 15.6 V DC)
Operating Temperature Range	-30°C ~ +60°C
Frequency Stability	± 1.0 ppm
Antenna Impedance	50 Ohm
Dimensions (W x H x D)	160 x 45 x 157 mm – Projections not included –
Weight (approx. net)	1,38 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	NX-800E
Sensitivity (Analogue) EIA 12 dB SINAD EN 20 dB SINAD	0.25 µV -3 dB µV
Sensitivity (Digital) 3% BER 1% BER – 12.5 kHz 6.25 kHz –	0.28 µV 0.20 µV -2 dB µV -5 dB µV
Adjacent Channel Selectivity (Analogue)	80 dB 76 dB 68 dB
Intermodulation (Analogue)	70 dB
Spurious Response Rejection (Analogue)	80 dB
Audio Distortion	Less than 3%
Audio Output	4 W 4 Ohm
TRANSMITTER	NX-800E
RF Power Output High Low	25 W 1 W
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) EIA	50 dB 50 dB 45 dB
Modulation Distortion	Less than 3%
Modulation	16K0F3E, 14K0F3E, 14K0F2D, 12K0F2D, 8K50F3E, 7K50F2D, 8K30F1E, 8K30F1D, 8K30F7W, 4K00F1E, 4K00F1D, 4K00F7W, 4K00F2D

Toebehoren | Accessoires

MICROFOONS | MICROPHONES

KMC-30M
Microfoon
Microphone



KMC32M
Microfoon met toetsenblok
Microphone avec clavier



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



KMC-36M
Robuuste microfoon met toetsenblok (IP55)
Microphone robuste avec clavier (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

KAP-2M
PA - externe alarmering
Unité de sonorisation /Alerte klaxon



KCT-23M
Voedingssnoer - 3 m
Câble alimentation - 3 m



KCT-23M3
Voedingssnoer - 7 m
Câble alimentation - 7 m



KCT-46M
Contactkabel
Câble d'allumage automatique



KDI-03
DIN montagekabel
Support de montage (DIN)



KLF-2M
Lijnfilter
Filtre anti-bruit



KRK-10M
Extentiekit - 7 m
Kit extension - 7 m



VGS-1W¹
Spraaksynthesizer en opslageenheid
Synthetiseur voix et unité d'enregistrement



PROGRAMMATIE | PROGRAMMATION

KCT-53UM
USB adaptor
Adaptateur USB



KAS-10M
"AVL & Dispatching" software
Logiciel "AVL & Dispatching"



KPG-46AM
Programmeerkabel
Câble de programmation



KPG-111DM
Software
Logiciel



¹VGS-1 dient geïnstalleerd te worden door een gekwalificeerde Kenwood technicus zodat de IP-67 norm (water- & stofbestendig) steeds wordt gerespecteerd. | Pour garantir la norme IP67 (protection contre l'eau et poussière), le VGS-1 peut être exclusivement installé par un technicien qualifié de Kenwood.