



## NX-200S

VHF Digital & FM Portable Transceiver

### 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
- NXDN® Scrambler Included

### DIGITAL – CONVENTIONAL MODE

- 64 Radio Access Numbers (RAN)
- Individual & Group Selective Call<sup>1</sup>
- Mixed FM | Digital Operation
- Conventional IP Networks
- Site Roaming

### DIGITAL – TRUNKING MODE

- Individual Private Call
- Group Call
- Broadcast Call
- Failsoft Mode



**NXDN® FleetSync®**



### 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
- Call Key 1-2
- Operator Selectable Tone
- Voting

### FLEETSYNC®/II (FM)

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

<sup>1</sup> Some screen/key-based functions are not available on the NX-200S | NX-300S.

## Technische Specificaties | Spécifications Techniques

GENERAL	NX-200S
<b>Frequency Range</b>	136 ~ 174 MHz
<b>Number of Channels</b> Zones Max. Channels per Zone	64 Channels 4Zones 16 Channels per Zone
<b>Channel Spacing</b> Analogue Digital	25 kHz   20 kHz   12.5 kHz 12.5 kHz   6.25 kHz
<b>Operating Voltage</b>	7.5 V DC ± 20%
<b>Battery Life (with KNB-48L)</b> 5-5-90 10-10-80	More than 14.5 hours More than 9.0 hours
<b>Operating Temperature Range</b>	-30°C to +60°C
<b>Frequency Stability</b>	± 2.0 ppm
<b>Antenna Impedance</b>	50 Ohm
<b>Dimensions (W x H x D)</b> Radio only with KNB-47L with KNB-48L	58 x 127.5 x 41.3 mm 58 x 127.5 x 41.3 mm 58 x 127.5 x 48.5 mm – Projections not included –
<b>Weight (approx. net)</b> Radio only with KNB-47L with KNB-48L	250 g 375 g 405 g
<b>Applicable Standards</b> 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-200S
<b>Sensitivity (Analogue)</b> EIA 12 dB SINAD EN 20 dB SINAD	0.28 µV   0.28 µV   0.32 µV -3 dB µV   -3 dB µV   -1 dB µV
<b>Sensitivity (Digital)</b> 3% BER 1% BER – 12.5 kHz   6.25 kHz –	0.32 µV   0.25 µV -1 dB µV   -4 dB µV
<b>Adjacent Channel Selectivity (Analogue)</b>	76 dB   74 dB   68 dB
<b>Intermodulation (Analogue)</b>	65 dB
<b>Spurious Response Rejection (Analogue)</b>	75 dB
<b>Audio Distortion</b>	Less than 3%
<b>Audio Output</b>	500 mW   8 Ohm
TRANSMITTER	NX-200S
<b>RF Power Output</b> High Low	5 W 1 W
<b>Modulation Limiting (Analogue)</b>	± 5.0 kHz at 25 kHz ± 4.0 kHz at 20 kHz ± 2.5 kHz at 12.5 kHz
<b>Spurious Emission</b>	-36 dBm (≤ 1 GHz) -30 dBm (> 1 GHz)
<b>FM Noise (Analogue)</b> EIA	45 dB   45 dB   40 dB
<b>Modulation Distortion</b>	Less than 3%
<b>Microphone Impedance</b>	1.8 kOhm
<b>Modulation</b>	16K0F3E , 14K0F3E, 14K0F2D, 12K0F2D, 8K50F3E, 7K50F2D, 8K30F1E, 8K30F1D, 8K30F7W, 4K00F1E, 4K00F1D, 4K00F7W, 4K00F2D

## Toebehoren | Accessoires

### LADERS | CHARGEURS

**KSC-32E**  
Snellader (1 stuk)  
Chargeur rapide (1 pc)



**KVC-21**  
Lader voertuig (1 stuk) – 12 V  
Chargeur voiture (1 pc) – 12 V



**KSC-326E**  
Multilader  
Chargeur multiple



**KMB-30M**  
Montagebeugel multilader  
Support de montage chargeur multiple



### BATTERIJEN | BATTERIES

**KNB-47LM**  
Li-Ion batterij (7.2 V | 1950 mAh)  
Batterie Li-Ion (7.2 V | 1950 mAh)



**KNB-48LM**  
Li-Ion batterij (7.2 V | 2550 mAh)  
Batterie Li-Ion (7.2 V | 2550 mAh)



### AUDIO ACCESSOIRES | ACCESSOIRES AUDIO

**KEP-1'**  
Oortelefoon met klem & 3.5 mm plug  
Oreillette avec pince & fiche 3.5 mm



**KHS-11BL**  
Handpalmmicrofoon met oortelefoon  
Microphone de poche bifilaire



**KHS-12BL**  
Speldmicrofoon met oortelefoon & PTT  
Micro-cravate avec oreillette & PTT



**KHS-14**  
Lichte hoofdtelefoon met 1 luidspreker  
Micro-casque léger avec un écouteur



**KHS-15-OH**  
Robuuste hoofdtelefoon  
Micro-casque robuste



**KHS-15-BH**  
Robuuste hoofdtelefoon  
Micro-casque robuste



**KMC-38GPSW<sup>2</sup>**  
Luidspreker microfoon met GPS  
Micro HP avec unité GPS



**KMC-41M**  
Luidspreker microfoon  
Micro HP déporté



**KMC-42WM**  
Luidspreker microfoon (IP67)  
Micro HP déporté (IP67)



### ANTENNES | ANTENNES

**KRA-22M**  
VHF korte antenne – M | M2 | M3  
Antenne discrète VHF – M | M2 | M3



**KRA-26M**  
VHF antenne – M | M2 | M3  
Antenne VHF – M | M2 | M3



### DIVERSEN | DIVERS

**KBH-11M**  
Riemclip  
Clip ceinture



**KLH-174NC**  
Nylon draagtas  
Housse en nylon



**KLH-175PC**  
Hard lederen draagtas  
Housse en cuir dur



**KLH-176PG**  
Hard lederen draagtas met "Swivel"  
Housse en cuir dur avec "Swivel"



**VGS-1W**  
Spraaksynthesizer en opslageenheid  
Synthétiseur voix et unité d'enregistrement



### PROGRAMMATIE | PROGRAMMATION

**KCT-53UM**  
USB adaptor  
Adaptateur USB



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



**KPG-36AM**  
Programmeerkabel  
Câble de programmation



**KPG-111DM**  
Software  
Logiciel



<sup>1</sup>KEP-1: in combinatie met KMC-38GPSW, KMC-41M of KMC-42WM. | KEP-1: en combinaison avec KMC-38GPS, KMC-41M ou KMC-42WM.  
<sup>2</sup>KAS-10M software is noodzakelijk. | Le logiciel KAS-10M est une nécessité.