

Kenwood's NX-240V16P/340U16P 16 channel 5 Watt portable radios operate in both FM analog and NXDN® digital modes, offering a cost-effective way to migrate smoothly from legacy analog systems while discovering the benefits of advanced digital technology – including larger effective coverage area, low noise for superior clarity, and inherent secured voice. All this comes in a tough, compact radio that delivers high-powered audio, ensures round-the-clock reliability and is easy to operate.

## Tough

Complies with IP54/55 (dust/water resistant) and durability meeting or exceeding MIL-STD 810 C/D/E/F/G 11 items

## Cost-Effective

Pays for itself in 3-4 months in man power efficiency savings

## Superior Clarity

Paired with Kenwood superior audio

## Easy to Operate

Simple, easy to use press-to-talk functionality

### ACCESSORIES INCLUDED

- **KNB-45L** 2000mAh Li-ion Battery
- **KSC-35SK** 3-Hour Fast Charger
- **KBH-10** Spring Action Belt Clip
- Channel Stopper
- Owner's Manual
- 3-Year Warranty

### OPTIONS

<b>KNB-29N</b> 1,500mAh/7.2V Ni-MH Battery Pack	<b>KMC-45</b> Speaker Microphone	<b>KHS-25</b> D-Ring Ear Hanger with PTT & Boom Mic
<b>KNB-45L</b> 2,000mAh/7.4V Li-Ion Battery Pack	<b>KMC-21</b> Compact Speaker Microphone	<b>KHS-26</b> Earbud In-line PTT Headset
<b>KSC-35SK</b> Fast Charger For the KNB-45L (3-Hour)	<b>KEP-2</b> Earphone Kit for KMC-45 (2.5mm plug)	<b>KHS-27</b> D-Ring In-line PTT Headset
<b>KSC-43K</b> Dual Chemistry Fast Charger For the KNB-29N/45L	<b>KHS-7</b> Single Muff Headset	<b>KHS-31</b> C-Ring PTT Ear Hanger Headset
<b>KVC-22</b> DC Vehicular Charger Adapter	<b>KHS-7A</b> Single Muff Headset with In-line PTT	<b>KMB-28</b> Six Unit Charger Adapter for six KSC-35SK chargers
<b>KRA-41</b> VHF Stubby Antenna	<b>KHS-8BL</b> 2-wire Palm Mic	<b>KBH-10</b> Belt Clip
<b>KRA-42</b> UHF Stubby Antenna	<b>KHS-9BL</b> 3-wire Lapel Mic with Earphone (Black)	<b>KLH-187</b> Nylon Case
<b>KRA-26</b> VHF Helical Antenna	<b>KHS-22</b> Behind-the-head Headset with PTT	
<b>KRA-27</b> UHF Whip Antenna	<b>KHS-23</b> 2-wire Palm Mic	

- Number of channels: 16 channels per zone (2 zones)
- 27 (VHF) or 99 (UHF) pre-stored frequencies
- Privacy codes: 39 programmable (QT) / 168 programmable (DQT) / 64 programmable (RAN)
- Power supply: 2,000mAh, rechargeable Li-Ion Battery
- Dimensions (W x H x D): 2.13" x 4.8" x 1.39" (54 x 122 x 35.3mm) incl. KNB-45L battery
- Weight (net): 9.9 oz (280g) w/KNB-45L battery
- FCC ID: ALH443700 (NX-240V16P), ALH443800 (NX-340U16P)

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# KENWOOD

## NX-240V16P/340U16P

Compact VHF/UHF Digital and Analog 5W Portable Radios



# ProTalk® DIGITAL

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## ProTalk<sup>®</sup> DIGITAL

Portable VHF/UHF Business Two-Way Radio  
**NX-240V16P/340U16P**

**3 Year Warranty**

# Tough, Cost-effective, Easy to Operate with Superior Clarity

## ● Switchable Digital and Analog Dual Modes

The NX-240V16P/340U16P is effectively two radios in one – analog and digital – operating on 12.5kHz in analog zone and on 6.25kHz NXDN<sup>®</sup> in digital zone. For convenience, a PF key can be used to switch between zones.

Designed specifically as migration radios, both models are preset in analog modes and can be easily changed to digital mode.

## ● NXDN<sup>®</sup> Digital Air Interface

NEXEDGE<sup>®</sup> radios employ NXDN<sup>®</sup>, an FDMA digital air interface with AMBE+2<sup>™</sup> voice coding technology, unique filtering, and a 4-level FSK modulation technique with low bit error rate (BER) even at weak RF signal strengths.

## ● Enhanced Audio Quality

AMBE+2<sup>™</sup> VOCODER technology accurately replicates natural human speech nuances for superior voice quality, even at highway speeds. Additionally, the powerful 36mm-diameter speaker delivers up to 1 watt audio output, providing undeniably clearer and crisper audio.

## ● Tough & Water Resistant

Built to take rough treatment in stride, these ProTalk<sup>®</sup> radios have passed the demanding IP54/55 dust and water intrusion tests – both with and without the KMC-45 optional speaker microphone. It also meets or exceeds 11 stringent MIL-STD 810 C/D/E/F/G environmental standards, including “driven rain”.

## ● 16 Channel / 2 Zones

The NX-240V16P/340U16P can be used with two conventional zones, offering up to 16 channels per zone.

## ● Frequency & QT/DQT/RAN

Users can program these ProTalk<sup>®</sup> radios to any of the pre-stored frequencies, QT/DQT analog codes, RAN digital codes, thus assuring compatibility with other brands. The ProTalk<sup>®</sup> digital VHF (NX-240V16P) 16-channel model has 27 pre-stored frequencies while the ProTalk<sup>®</sup> digital UHF (NX-340U16P) 16-channel model has 99. Both models have 39 QT tones and 168 DQT codes in analog mode and 64 RAN codes in digital mode.

## ● Applicable MIL-STD & IP

Standard	MIL 810C Methods	MIL 810D Methods	MIL 810E Methods	MIL 810F Methods	MIL 810G Methods
Low Pressure	500.1 I	500.2 I, II	500.3 I, II	500.4 I, II	500.5 I, II
High Temperature	501.1 I, II	501.2 I, II	501.3 I, II	501.4 I, II	501.5 I, II
Low Temperature	502.1 I	502.2 I, II	502.3 I, II	502.4 I, II	502.5 I, II
Temperature Shock	503.1 I	503.2 I	503.3 I	503.4 I, II	503.5 I
Solar Radiation	505.1 I	505.2 I	505.3 I	505.4 I	505.5 I
Rain	506.1 I, II	506.2 I, II	506.3 I, II	506.4 I, III	506.5 I, III
Humidity	507.1 I, II	507.2 II, III	507.3 II, III	507.4	507.5 II
Salt Fog	509.1 I	509.2 I	509.3 I	509.4	509.5
Dust	510.1 I	510.2 I	510.3 I	510.4 I, III	510.5 I
Vibration	514.2 VIII, X	514.3 I	514.4 I	514.5 I	514.6 I
Shock	516.2 I, II, V	516.3 I, IV	516.4 I, IV	516.5 I, IV	516.6 I, IV

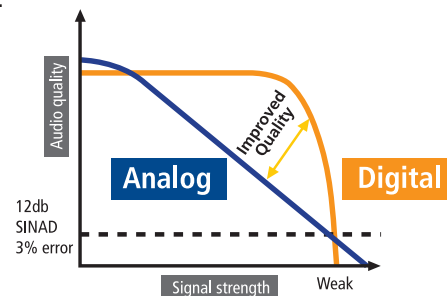
  

International Protection Standard	
Dust & Water Protection	IP54/55*

\*To meet MIL810 and IP grade, the 2-pin connector has to be connected.

## ● Extended Coverage

Improved digital reception increases coverage as much as 20% over analog.



## ● Programmable Function Keys

Both PF Keys can be programmed for any of the many functions available, permitting customization to suit your specific requirements.

## ● High Security

Confidentiality in radio communications is a Kenwood priority. Helping to maintain a high level of security in analog mode is a 16-code voice inversion scrambler, while robust NXDN<sup>®</sup> encryption is available in digital mode.

## ● Wireless Cloning

This feature simplifies setting up multiple ProTalk<sup>®</sup> radios for identical functions, eliminating the need to customize individual radios. (Dealer function only)

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