

# KENWOOD

## ProTalk®

ProTalk® Digital and Analog  
Two-Way Radio & Accessory Catalog  
Compact Portable UHF/VHF Business Two-Way Radios



# ProTalk has the Right Radio for Every Work Environment



**ProTalk**  
COMRCE

PKT-23K  
TK-3230DX

**Improve store security, enhance the customer experience and increase profits.**

- 4-channel PKT-23 with 1.5 Watts. More power equals more coverage.
- Excellent voice quality even in noisy environments.
- Super compact – clip to a lanyard, slip it in a pocket.
- Ideal for retail, hospitality, restaurants and service industries.



**ProTalk**  
ONSITE

NX-P500  
NX-P1202AV/P1302AU

**Coordinate materials and personnel for quick response and increased safety.**

- Mil-spec tough analog and digital models.
- Powerful 2-Watts for long range or on-site coverage.
- Built for construction, manufacturing, warehouses and industry.
- IP67 submersible 1 meter up to 30 minutes. (NX-P500 only)



**ProTalk**  
WORKFORCE

NX-P1200AV/P1300AU  
NX-P1200NV/P1300NU  
TK-2360ISV16P/3360ISU16P

**Increase safety and work productivity by responding quickly to changing needs.**

- Enhanced digital for 20% more coverage. (NX-P1200NV/P1300NU only)
- Meets tough mil-spec standards with intrinsically safe models. (TK-2360ISV16P/3360ISU16P only)
- Loud, clear, world-renowned KENWOOD audio.
- Designed for factories, plants and heavy industry.



Healthcare



Multi-Family Housing



Warehouses



Institutional & Commercial Buildings



Security



Hotels



Retail

## Analog Range and Coverage

VHF & UHF	Open areas without obstructions	Steel and/or concrete reinforced bldgs.	High-rise Buildings
UHF 1.5 Watt	Up to 5 miles	Up to 225,000 sq.ft.	Up to 17 floors
UHF 2 Watt	Up to 6 miles	Up to 250,000 sq.ft.	Up to 20 floors
UHF 5 Watt	Up to 7 miles	Up to 370,000 sq.ft.	Up to 33 floors
VHF 2 Watt	Up to 6 miles	Up to 220,000 sq.ft.	Up to 13 floors
VHF 5 Watt	Up to 7 miles	Up to 330,000 sq.ft.	Up to 18 floors

*Talk range will vary based on terrain, conditions and type of radio.*

## Digital Range and Coverage

VHF & UHF	Open areas without obstructions	Steel and/or concrete reinforced bldgs.	High-rise Buildings
UHF 2 Watt	Up to 7.2 miles	Up to 300,000 sq.ft.	Up to 24 floors
UHF 5 Watt	Up to 8.4 miles	Up to 444,000 sq.ft.	Up to 39.6 floors
VHF 2 Watt	Up to 7.2 miles	Up to 264,000 sq.ft.	Up to 15.6 floors
VHF 5 Watt	Up to 8.4 miles	Up to 396,000 sq.ft.	Up to 21.6 floors



## ProTalk® Business Two-Way Radios

### ProTalk® LT PKT-23 UHF Radio



The PKT-23 LT is the smallest and lightest UHF two-way radio from KENWOOD at only 3.9oz. Easy to handle and operate, this 1.5 Watt, 4 channel transceiver packs a solid punch that fits in your pocket and is smaller than a credit card.



#### ACCESSORIES INCLUDED

- Li-Ion Rechargeable Battery
- Spring Action Belt Clip
- Fast Charging Cup
- Fixed Antenna
- Owner's Manual
- 2-Year Warranty

For a full list of optional accessories, please visit the KENWOOD website.

- 1.5 Watts Transmit Power
- 4 Channels
- 39-QT/168-DQT Coded Squelch
- Super Lock (Manager Key Lock)
- Scan Function
- 2 PF Keys
- Enhanced Kenwood Audio
- VOX Ready
- Voice Announcement
- Bell Tone Alert
- LED Battery Status Indicator
- 1,430 mAh Li-Ion battery with up to 15 hours of talk time \*(5-5-90) and 3 hours fast charger
- IP54 & MIL-STD 810 C/D/E/F/G 11 items
- Battery Saver
- Time Out Timer
- Monitor
- Wireless Cloning
- **2 Year** Radio Warranty



\* 5-5-90 - 5% Transmit, 5% Receive and 90% Standby

## Built for Medium to Light Duty Use

### ProTalk® XLS TK-3230DX UHF Radio



The TK-3230DX is intuitive to the user. This easy-to-use, UHF portable two-way radio is compact, lightweight, and comfortable to use. The radio blends seamlessly in the business work environment.

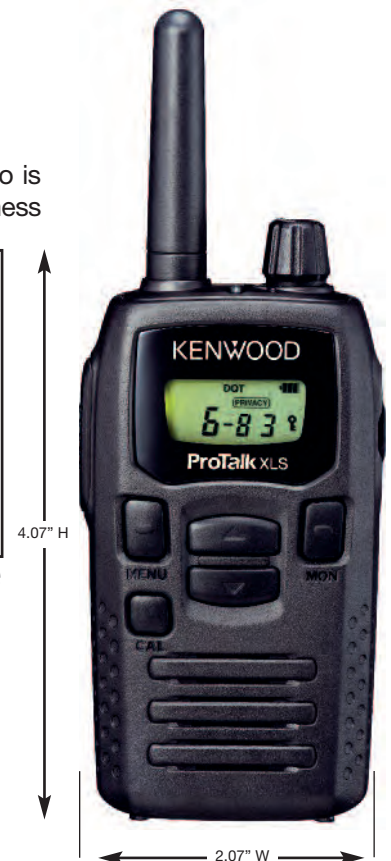


#### ACCESSORIES INCLUDED

- Li-Ion Rechargeable Battery
- Spring Action Belt Clip
- Fast Charging Cup
- Fixed Antenna
- Owner's Manual
- 2-Year Warranty

For a full list of optional accessories, please visit the KENWOOD website.

- UHF, 6 Channel, 1.5 Watt
- 99 User-Programmable Frequencies
- 39 QT / 168 DQT Privacy Codes
- Weighs only 5.5oz with Battery
- Super Lock
- Scan Function
- FleetSync® PTT ID & Caller ID
- VOX Ready, Privacy Talk Scrambler
- 10-Call Alert Tone
- 4-Digit 7-Segment LCD Display with Backlight
- Wireless Cloning
- 2,000 mAh Li-Ion battery with up to 18 hours of talk time \*(5-5-90) and 2.5 hours fast charger
- Meets 8 Mil-Spec standards
- Compatible with other UHF business radios operating on the same frequency and code
- **2 Year** Radio Warranty



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## ProTalk®

**NX-P1200AV VHF Radio**

**NX-P1300AU UHF Radio**

**NX-P1202AV VHF Radio**

**NX-P1302AU UHF Radio**

**FleetSync®**



KENWOOD's NX-P1202AV/NX-P1302AU 2W and NX-P1200AV/NX-P1300AU 5W two-way business portable radios deliver professional performance and are the ideal solution for communications in construction, manufacturing, warehousing, retail, hospitality, facility management, rental fleet applications and more. Engineered to provide superb ease of use and audio clarity, even in noisy environments and boasts rugged performance for dependable communications in all weather conditions thanks to MIL-STD 810 & IP54/55 weatherproofing.

- 64 Channels, 2 Watt / 5 Watt
- 27 VHF / 99 UHF Preset Frequencies
- 45 QT / 174 DQT Privacy Codes
- Button Lock / Super Lock
- VOX / Semi-VOX Operation
- 16-code Voice Inversion Scrambler
- Calling Alert / Cloning / Scan
- Removable Antenna
- Voice Announcement
- Time-out Timer
- Battery Saver / Low Battery Warning
- Compander
- Second PTT
- Selectable 7-color LED
- 2,000 mAh Li-Ion battery with up to 11.5 hours (5W)/15.0 hours (2W) of talk time \*(5-5-90) and 3 hours fast charger
- Diecast Chassis / Weather-Sealed Construction
- Weighs only 9.88 oz with Battery
- Meets 11 Mil-Spec Standards
- Compatible with other business radios operating on the same frequency and code
- **3 Year** Radio Warranty

*\*5-5-90 - 5% Transmit, 5% Receive and 90% Standby*

## Intrinsically Safe Radios

## ProTalk®

**TK-2360ISV16P VHF Radio**

**TK-3360ISU16P UHF Radio**

**FleetSync®**



KENWOOD's TK-2360ISV16P/TK-3360ISU16P 16 channel portable two-way radios deliver professional performance with ergonomic ease. Based upon a proven design, the compact 5 watts ProTalk® has been expertly engineered to satisfy the toughest job requirements in Intrinsically Safe Areas, in all conditions, thanks to MIL-STD 810 & IP54/55 weatherproofing.

- 16 Channels, 5 Watt
- 27 VHF / 99 UHF Preset Frequencies
- 39 QT / 168 DQT
- Super Lock
- VOX Ready
- Privacy Talk Scrambler
- 10-Call Alert Tone
- Wireless Cloning
- Channel Scan
- Removable Antenna
- 2,000 mAh Li-Ion battery with up to 13 hours of talk time \*(5-5-90) and 3 hours fast charger
- Diecast Chassis
- Weather-Sealed Construction
- Weighs only 10oz with Battery
- Meets 11 Mil-Spec Standards
- Compatible with other analog business radios operating on the same frequency and code
- **2 Year** Radio Warranty

**TK-2360/3360 Series IS Certification:**

Class I, II, III, Division 1, Groups C, D, E, F, & G  
Class I, Division 2, Groups A, B, C, & D



## ProTalk<sup>®</sup> DIGITAL NX-P500 UHF Radio

FleetSync<sup>®</sup>



The NX-P500 is a small, light and powerful UHF digital transceiver with mixed mode capability allowing for digital and analog communications for interoperability. This promotes a simple method for transitioning to digital operations at your own pace. Ideal for business, retail, hospitality, education and the restaurant industry. Put your employees in touch with each other instantly and raise the level of communication for better service. A stronger collaboration through communication increases team work quality.

- 2 Watts Output Power
- Dual Mode NXDN Digital & FM Analog
- 6 Channels Pre-programmed
- 45-QT/174-DQT Coded Squelch
- Super Lock (Manager Key Lock)
- 7-Color Large LED Indicator
- Front 3 Keys and Side PTT + 1 PF Key
- Enhanced Kenwood Audio
- VOX/Semi-Vox Operation
- 2,200 mAh Li-Ion battery with up to 15.5 hours of talk time \*(5-5-90) and 3 hours fast charger

- Voice Announcement
- IP54/55/67 & MIL-STD 810 C/D/E/F/G 11 items
- Weighs only 5.6oz with Battery
- Power-On LED
- Auto Button Lock
- Digital Encryption
- Group Call
- Wireless Cloning
- Compander
- Repeater Mode
- **2 Year** Radio Warranty



For a full list of optional accessories, please visit the KENWOOD website.



\* 5-5-90 - 5% Transmit, 5% Receive and 90% Standby

## ProTalk<sup>®</sup> DIGITAL NX-P1200NVK VHF Radio NX-P1300NUK UHF Radio

FleetSync<sup>®</sup>

NXDN<sup>®</sup>










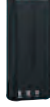


KENWOOD's NX-P1200NVK/NX-P1300NUK 64 channel 5 Watt portable radios operate in analog FM and NXDN<sup>®</sup> digital modes, offering a cost-effective way to migrate smoothly from legacy systems while discovering the benefits of advanced digital technology – including increased effective coverage area as much as 20% over analog, low noise for superior clarity, and inherent secured voice. All this comes in a tough, compact radio that is easy to operate, delivers high-powered audio, and ensures round-the-clock reliability.

- 64 Channels, 5 Watt
- 27 VHF / 99 UHF Preset Frequencies
- 45 QT / 174 DQT / 63 (RAN) Privacy Codes
- Button Lock / Super Lock
- VOX / Semi-VOX Operation
- 16-code Voice Inversion Scrambler
- NXDN Digital 15 bit encryption
- Mixed Zone - analog and digital
- Calling Alert / Cloning / Scan
- Removable Antenna
- Voice Announcement
- Time-out Timer
- Battery Saver / Low Battery Warning
- Compander
- Second PTT
- Selectable 7-color LED
- 2,000 mAh Li-Ion battery with up to 11.5 hours of talk time \*(5-5-90) and 3 hours fast charger
- Diecast Chassis / Weather-Sealed Construction
- Weighs only 9.88 oz with Battery
- Meets 11 Mil-Spec Standards
- Compatible with other business radios operating on the same frequency and code
- **3 Year** Radio Warranty









## Optional Accessories for ProTalk® Radios







### Accessories

	KRA-22	KRA-23	KRA-26	KRA-27	KRA-41	KRA-42	KNB-29N	KNB-45L	KNB-68LC	KNB-69L
	VHF Low Profile Helical Antenna	UHF Low Profile Helical Antenna	VHF Helical Antenna	UHF Whip Antenna	VHF Stubby Antenna	UHF Stubby Antenna	Ni-MH Battery 1500 mAh	Li-Ion Battery 2000 mAh	Li-Ion Battery 2000 mAh (Intrinsically Safe)	Li-Ion Battery 2550 mAh
										
NX-P1202AVK/NX-P1302AUK	•	•	•	•	•	•	•	•	-	•
NX-P1200AVK/NX-P1300AUK	•	•	•	•	•	•	•	•	-	•
NX-P1200NVK/NX-P1300NUK	•	•	•	•	•	•	•	•	-	•
TK-2360ISV16P/3360ISU16P	•	•	•	•	-	-	-	-	•	-






### Accessories

	KSC-25LSK	KSC-35SK	KSC-256AK	KSC-43K	KVC-22	KEP-2
	Rapid Charger	Fast Charger & Power Supply	Six Unit Gang Charger	Dual Chemistry Fast Charger & Power Supply	DC Vehicular Charger Adapter	2.5mm Earphone Kit
						
	(for the KNB-68LC)	(for the KNB-45L)	(for the KNB-68LC)	(for the KNB-29N/45L)		
NX-P1202AVK/NX-P1302AUK	-	•	-	•	•	•
NX-P1200AVK/NX-P1300AUK	-	•	-	•	•	•
NX-P1200NVK/NX-P1300NUK	-	•	-	•	•	•
TK-2360ISV16P/3360ISU16P	•	-	•	-	-	•

### Accessories

	KHS-7A	KHS-8BL	KHS-22A	KHS-26	KHS-27A	KHS-31C
	Single Muff Headset with In-Line PTT	2-Wire Palm Mic. with Earphone	Behind-the-Head Lightweight Headset	Clip Microphone with Earphone	D-Ring Ear Hanger w/PTT Mic	C-Ring Ear Hanger w/PTT
						
NX-P1202AVK/NX-P1302AUK	•	•	•	•	•	•
NX-P1200AVK/NX-P1300AUK	•	•	•	•	•	•
NX-P1200NVK/NX-P1300NUK	•	•	•	•	•	•
TK-2360ISV16P/3360ISU16P	•	•	•	•	•	•

### Accessories

	KMC-21	KMC-45D	KBH-10	KLH-187	*KMB-28AK
	Compact Low-Profile Speaker Microphone	IP-55 Speaker Microphone	Sprint Action Belt Clip	Nylon Carry Case	Six Unit Charger Adapter
					
					(for KSC-35SK Chargers)
NX-P1202AVK/NX-P1302AUK	•	•	•	•	•
NX-P1200AVK/NX-P1300AUK	•	•	•	•	•
NX-P1200NVK/NX-P1300NUK	•	•	•	•	•
TK-2360ISV16P/3360ISU16P	•	•	KBH-12 Only	-	-

\*Charging cups shown are included with radio packages.

For a full list of optional accessories, including the PKT-23, TK-3230DX and the NX-P500, please visit the KENWOOD website.

All accessories and options may not be available in all markets. Contact an authorized KENWOOD dealer for details and complete list of all accessories and options.



## Frequently Asked Questions

### How do I know which Kenwood radio to use?

Determine how the radio will be used: UHF is better indoors through concrete walls or floors, etc. VHF is better outdoors through foliage or line of sight. Also, higher power means a radio will have a wider coverage area.

### Are Kenwood analog radios compatible with other business radios?

Yes! All you have to do is match the frequency and code.

### Can a VHF radio talk to a UHF radio?

No! VHF and UHF frequency bands are not compatible.

### Is an FCC license required?

Yes! You can download FCC form 601 and instructions at [www.fcc.gov/formpage.html](http://www.fcc.gov/formpage.html) or call 1-888-call-fcc.

### How far can I talk?

Talk range will vary based upon terrain, conditions and type of radio. Your radio will talk for many miles where the conditions are flat ground without obstructions.

### Why are Kenwood radios so durable and rugged?

Simply because Kenwood knows that radios have to be tough to withstand years of hard indoor and outdoor usage. ProTalk® radios are specially designed to meet or exceed rigid Mil-Spec standards established by the US Department of Defense.

### How long will the Kenwood battery last and how long does it take to recharge?

CHARGING TIME	LI-ION BATTERY	LI-ION BATTERY LIFE	WITH BATTERY WEIGHT
<b>PKT-23K</b>			
3 Hrs.	1,430 mAh	11/15 Hrs.	3.9oz
<b>NX-P1202AVK / NX-P1302AUK</b>			
3 Hrs.	2,000 mAh	15/16.5 Hrs.	9.88oz
<b>NX-P1200AVK / NX-P1300AUK / NX-P1200NVK / NX-P1300NUK</b>			
3 Hrs.	2,000 mAh	11.5/12.5 Hrs.	9.88oz

CHARGING TIME	LI-ION BATTERY	LI-ION BATTERY LIFE	WITH BATTERY WEIGHT
<b>TK-3230DX</b>			
2.5 Hrs.	2,000 mAh	14/18 Hrs.	5.5oz
<b>NX-P500</b>			
3 Hrs.	2,200 mAh	14/15.5 Hrs.	5.64oz
<b>TK-2360ISV16P / TK-3360ISU16P</b>			
3 Hrs.	2,000 mAh	10/13 Hrs.	10oz

Battery Save Function Off / Battery Save Function On

<b>Return on Investment</b>		
<b>Kenwood ProTalk® Radios Pay for Themselves in a Short Period.</b>		
Hourly Wage (With benefits)	7 minutes per hour Savings per worker = 56 Minutes per day	Annual savings for a 12 person staff
\$12.00	\$2,688 Per Year	\$32,256
\$15.00	\$3,360 Per Year	\$40,320
\$18.00	\$4,033 Per Year	\$48,396

### 6 REASONS TO CHOOSE ANALOG TWO-WAY RADIOS

Two-way analog radio is a reliable choice for most users. Here are some of the key benefits:

- 1. AFFORDABLE:** Because the technology is not software-enhanced, it is simpler and affordable.
- 2. BASIC ENCRYPTION:** Basic encryption means users still have secure channels.
- 3. EASE OF USE:** It is simple to use and since little training is needed, users can get up and running quickly.
- 4. NATURAL VOICE:** It is a popular choice with some users as it offers natural voice communications.
- 5. SIMPLE, BUT RELIABLE:** It can be a reliable option for organizations with relatively simple communication needs and a limited geographic footprint.
- 6. TIME TESTED:** Analog radio technology has been used across industries for myriad applications.

### 6 REASONS TO CHOOSE DIGITAL TWO-WAY RADIOS

Software-based digital two-way radios have enhanced data-rich features:

- 1. ADVANCED ENCRYPTION:** Advanced encryption means more options for secure communications.
- 2. CLEAR VOICE:** Digital radios block background noise and deliver improved voice quality, expanded coverage, and no degradation in voice quality over distances.
- 3. DIGITAL FEATURES:** These include much higher GPS throughput, IP data, OTAP data, large databases of group and unit IDs that allow for more efficient system usage.
- 4. ERROR-CORRECT FEATURE:** Voice signals are rebuilt if a signal gets corrupted because of interference.
- 5. MULTIPLE COMMUNICATIONS ON ONE CHANNEL FOR GREATER EFFICIENCY:** Several users can communicate over a single channel.
- 6. REDUNDANCY:** Radio signals are software enhanced and sent across a range of frequencies using binary packets, creating redundancy and higher reliability.



# ProTalk®

...Compact, durable business two-way radios from Kenwood.

Specifications are subject to change without notice, due to advancements in technology.

ProTalk® is a registered trademark of JVCKENWOOD Corporation in the United States and other countries.

## KENWOOD

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