

# 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's.



**ProTalk**  
COMRCE

PKT-23K  
TK-3230DX

**Improve store security, enhance the customer experience and improve 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/TK-2400V16P/3400U16P  
NX-240V16P2/TK-340U16P2

**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.
- Submersible up to 1 hour.



**ProTalk**  
WORKFORCE

TK-2402V16P/3402U16P  
NX-240V16P/340U16P  
TK-2360ISV16P/3360ISU16P

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

- Enhanced digital for 20% more coverage.
- Meets tough mil-spec standards with intrinsically safe models.
- Loud, clear, world-renowned KENWOOD audio in loud settings.
- Designed for factories, plants and heavy industry.



Healthcare



Multi-Family Housing



Warehouses



Institutional & Commercial Buildings



Security



Hotels



Retail

## Why ProTalk?

### Durability

- **Meets or exceeds military standards:** MIL-STD 810 C, D, E, F & G, including "driven rain" and IP54/55 dust and water intrusion.
- **Perfect for demanding work settings and any weather:** Unique sealed case and metal diecast chassis.
- **Optimum radio integrity:** Belt clip integrated into the chassis.
- **Removable Antennas:** Rapid swap-out to different models.
- **Commercial grade radios:** Built to the highest KENWOOD quality standards.

### Sophisticated Features

- **Wireless cloning is standard:** Fast and easy cloning of other radios within range.
- **Lightweight, high capacity batteries:** Last up to 18 hours, charge in only 3 hours.
- **Compatible with comparable BRS and LMR radios:** Easy integration.
- **Extend range with repeaters and talk to other higher tier digital radios:** ProTalk expands your capabilities.
- **On the go USB charging:** Never be without a charged radio.

### Choice

- **Select the right radio now:** Based on the coverage and features you need.
- **Compact PKT-23:** Weighs less than a deck of cards and smaller than a credit card.
- **Affordable digital NX-240V/340U:** Extend your coverage.
- **Intrinsically safe TK-2360ISV16P/TK-3360ISU16P:** Use where combustible materials are present.
- **Industry leading 2 or 3 year warranties:** We back up ProTalk quality.



# Key Benefits of Business Two-Way Radios

## Cost-Effective

- **Analog is no longer good enough:** The new ProTalk NX-500 makes digital affordable.
- **Stop wasting money on cell phones:** Outfit your entire staff with a fast and easy way to communicate.
- **Simple to use:** No downtime for training on complicated multi-use devices.
- **Time to step up to digital:** Expand your coverage with digital, now made affordable with ProTalk.

Example		
Kenwood ProTalk® Radios Pay for Themselves in a Short Period.		
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

## Simple-to-Use

- **Open the box, start talking:** Ready to use, right out of the box.
- **Comes with what you need:** Antenna, battery, fast charger, belt clip and owner's manual included.
- **Pre-programmed channels:** Set up your new communications system in minutes.
- **Wireless cloning:** Fast and easy on-the-go cloning with other BRS radios you are already using.

## Select your Coverage

- **Pick your coverage:** There is a ProTalk radio for every terrain and any working conditions.
- **Full 1.5 watts means no compromise in coverage:** Reach up to 5 miles or 17 floors.
- **5 watt version:** Powerful, reach up to 7 miles.
- **VHF:** Talk up to 7 miles.

## Battery Life

- **Up to 22 hours of use per battery charge:** High capacity Li-Ion batteries.
- **Fast charging time, only 2.5-3 hours:** Switch out radios quickly.
- **Batteries that match your work shifts:** 12 hours or more.
- **Powerful Management:** Convenient USB charging.

## KENWOOD Audio

- **Over 90 years of audio excellence:** KENWOOD engineers brought their high fidelity transmission expertise to ProTalk.
- **Noise canceling technology for high noise:** Sophisticated background noise suppression technology means you are always heard.
- **Voices are heard clearly the first time:** Employees do not need to repeat themselves.

## Privacy

- **Privacy Lock Scrambler:** Additional security for every call.
- **Digital ProTalk radios assure voice security:** Others cannot listen in like they can with analog radios.
- **39 QT privacy codes and 168 digital privacy codes:** Separate user talk groups on shared frequencies for greater privacy.

## 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 330,000 sq.ft.

*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

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





## 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.

- 1.5 Watts Transmit Power
- 8 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



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

Actual Size

3.3" H



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



## Built for Medium to Light Duty Use

### ProTalk® XLS TK-3230DX UHF Radio



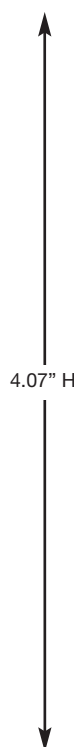
The TK-3230DX is intuitive to the user. This easy-to-use, UHF portable two-way radio is compact, lightweight, and comfortable to use. The radio blends seamlessly in the business work environment.

- 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



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

Actual Size



4.07" H



2.07" W

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



## ProTalk®

### TK-2400V16P VHF Radio TK-3400U16P UHF Radio



KENWOOD's TK-2400V16P/TK-3400U16P, 2 watt, two-way business portable radios, are the ideal solution for communications in construction, manufacturing, warehousing, retail, hospitality, facility management, rental fleet applications and more. Elegantly engineered to provide superb ease of use and audio clarity, even in noisy environments, it also boasts rugged reliability for dependable communications in all weather conditions. Tireless and tough, KENWOOD's ProTalk meets stringent military standards for reliable performance in demanding work environments.

- 16 Channels, 2 Watt
- 27 VHF / 90 UHF Preset Frequencies
- 39 QT / 168 DQT Privacy Codes
- 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 22 hours of talk time \*(5-5-90) and 3 hours fast charger
- Diecast Chassis
- Weather-Sealed Construction
- Weighs only 9.9oz with Battery
- Meets 11 Mil-Spec standards
- Compatible with other business radios operating on the same frequency and code
- **2 year** radio warranty

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

## High Powered Radios Built for Heavy Duty Use

## ProTalk®

### TK-2402V16P VHF Radio TK-3402U16P UHF Radio



KENWOOD's TK-2402V16P/TK-3402U16P 16 channel portable two-way radios deliver professional performance with ergonomic ease. Based upon a proven design – with such features as scan, built-in VOX, and long battery life – the compact 5-watt ProTalk has been expertly engineered to satisfy the toughest job requirements, in all conditions, thanks to MIL-STD 810 & IP54/55 weatherproofing.

- VHF/UHF 16 Channels, 5 Watt
- 27 VHF / 90 UHF Preset Frequencies
- 39 QT / 168 DQT Privacy Codes
- 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 18 hours of \*(5-5-90) talk time and 3 hours fast charger
- Diecast Chassis
- Weather-Sealed Construction
- Weighs only 9.9oz with Battery
- Meets 11 Mil-Spec standards
- Compatible with other business radios operating on the same frequency and code
- **2 year** radio warranty



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



## Digital Business Two-Way Radio

### 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 Preprogrammed
- 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
- Voice Announcement
- 2,200 mAh Li-Ion battery with up to 15.5 hours of talk time \*(5-5-90) and 3 hours fast charger
- 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



#### ACCESSORIES INCLUDED

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

For a full list of optional accessories, please visit the [KENWOOD](http://KENWOOD.com) website.

Actual Size

3.70" H



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

## ProTalk Digital Radios



### ProTalk<sup>®</sup> DIGITAL NX-240V16P/2 VHF Radio NX-340U16P/2 UHF Radio



KENWOOD's NX-240V16P/NX-340U16P or NX-240V16P2/NX-340U16P2 16 channel 5 Watt portable radios operate in either analog FM or 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.

- 16 Channels, 2 or 5 Watt
- 27 VHF / 99 UHF Preset Frequencies
- 39 QT / 168 DQT / 63 (RAN) Privacy Codes
- 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 12 hours of talk time \*(5-5-90) and 3 hours fast charger
- Diecast Chassis
- Weather-Sealed Construction
- Weighs only 9.9oz with Battery
- Meets 11 Mil-Spec standards
- Compatible with other analog business radios operating on the same frequency and code
- **3 year** radio warranty

## Intrinsically Safe Radios

### ProTalk<sup>®</sup> TK-2360ISV16P VHF Radio TK-3360ISU16P UHF Radio



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<sup>®</sup> 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.

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











- 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





## Optional Accessories for ProTalk® Radios







### Accessories

	KRA-22 VHF Low Profile Helical Antenna	KRA-23 UHF Low Profile Helical Antenna	KRA-26 VHF Helical Antenna	KRA-27 UHF Whip Antenna	KRA-41 VHF Stubby Antenna	KRA-42 UHF Stubby Antenna	KNB-29N Ni-MH Battery 1500 mAh	KNB-45L Li-Ion Battery 2000 mAh	KNB-68LC Li-Ion Battery 2000 mAh	KNB-69L Li-Ion Battery 2550 mAh
										
TK-2400V16P/3400U16P	•	•	•	•	•	•	•	•	-	•
TK-2402V16P/3402U16P	•	•	•	•	•	•	•	•	-	•
NX-240V16P/P2/NX-340U16P/P2	•	•	•	•	•	•	•	•	-	•
TK-2360ISV16P/3360ISU16P	•	•	•	•	-	-	-	-	•	-



### Accessories

	KSC-25LSK Rapid Charger	KSC-35SK Fast Charger & Power Supply	KSC-256AK Six Unit Gang Charger	KSC-43K Dual Chemistry Fast Charger & Power Supply	KVC-22 DC Vehicular Charger Adapter	KEP-2 2.5mm Earphone Kit
						
	(for the KNB-68LC)	(for the KNB-45L)	(for the KNB-68LC)	(for the KNB-29M/45L)		
TK-2400V16P/3400U16P	-	•	-	•	•	•
TK-2402V16P/3402U16P	-	•	-	•	•	•
NX-240V16P/P2/NX-340U16P/P2	-	•	-	•	•	•
TK-2360ISV16P/3360ISU16P	•	-	•	-	-	•

### Accessories

	KHS-7A Single Muff Headset with In-Line PTT	KHS-8BL 2-Wire Palm Mic. with Earphone	KHS-22 Behind-the-Head Lightweight Headset	KHS-26 Clip Microphone with Earphone	KHS-27A D-Ring Ear Hanger w/PTT Mic	KHS-31C C-Ring Ear Hanger w/PTT
						
TK-2400V16P/3400U16P	•	•	•	•	•	•
TK-2402V16P/3402U16P	•	•	•	•	•	•
NX-240V16P/P2/NX-340U16P/P2	•	•	•	•	•	•
TK-2360ISV16P/3360ISU16P	•	•	•	•	•	•

### Accessories

	KMC-21 Compact Low-Profile Speaker Microphone	KMC-45D IP-55 Speaker Microphone	KBH-10/12/14 Sprint Action Belt Clip	KLH-187 Nylon Carry Case	*KMB-28 Six Unit Charger Adapter
					
					(for KSC-35SK Chargers)
TK-2400V16P/3400U16P	•	•	•	•	•
TK-2402V16P/3402U16P	•	•	•	•	•
NX-240V16P/P2/NX-340U16P/P2	•	•	•	•	•
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.

# XD Series - 2-Way Callbox

**UHF, Analog (12.5KHz) or NXDN® Digital (6.25KHz)**  
**NXDN®**

Fixed location, 2-way radio callbox extends voice communication to points near and far. Provides long range, 2-way communication to connect visitors or personnel to 2-way radio-equipped staff from the manufacturing floor, production line, locked delivery doors, a maintenance garage or the parking lot. Works with compatible Analog or NXDN® digital 2-way radios. Installs virtually anywhere - no wires, no trenching required.



Heavy Duty XT Model

- 1 Channel, NXDN Digital or Analog
- Enhanced Digital Performance
- 750mW TX Power (if powered by D-Cell batteries)
- 2 Watts TX Power (if powered by RPS-EXPO AC adapter).
- Battery Powered Capable (Auto-Off) or External Power Capable
- High Audio Output Capability
- Black or Hi-Viz Green Enclosure
- Rugged, Polycarbonate Gasket-Sealed Enclosure
- Built-in Internal Antenna (Provision for external antenna (requires #60201125 cable)
- Analog Signaling: CTCSS/DCS, DTMF/Selcall En code/Decode, 2-Tone Decode only
- Digital Signaling: 64 RAN Codes, Subscriber ID, Destination ID (Individual/Group or All-Call)
- Built-In Relay Output. Ideal For Remote Control Access Control Apps
- Vandal-Resistant, Aluminum PTT Button
- Dry-Contact Input for optional sensor trigger
- Custom-Recordable, Voice Messages (Greeting/Alert/Sensor)
- PC Programmable With Ritron PC Software and Cable
- Measures: 7" H x 5" W x 3" D
- Designed and Made In USA, 1 Year Factory Warranty.

## Wireless Shopper Callbox

# RQA Series - Quick Assist

**Wireless Shopper Call Button**

Increase customer service levels, Reduce loss from theft, Control Payroll Costs, Improve Employee Efficiency. Wireless call button transmitter instantly sends a "department location" voice message directly to all 2-way radio-equipped store associates. Does not use Wi-Fi or IP connections, transmits directly to portable 2-way radios. Eliminates annoying in-store PA paging.



- 1 Channel, Analog
- UHF, 450-470MHz, Narrow Band, VHF 150-160MHz, FCC Part 90, License-Required
- 120mWatt Transmit Power. Approx. 75,000\* Sq. Ft of Coverage.
- Custom-Recordable "Department" Voice Messages and ALL-Clear Re-set Message
- Built-In, Internal Antenna
- Red Transmit LED Indicator
- Battery Powered (6 AA Cells) , Stand Alone Operation, No wires required
- Gasket-Sealed, Water-Resistant, Durable Polycarbonate Housing
- Message Repeat Schedule
- PC Programmable Settings and Frequencies
- Measures: 7.5"H x 5"W x 2"D
- Designed and Made In The USA,
- 1 Year Factory Warranty



## 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-23KP</b>			
3 Hrs.	1,430 mAh	11/15 Hrs.	3.9oz
<b>TK-2400V16P / TK-3400U16P</b>			
3 Hrs.	2,000 mAh	17/22 Hrs.	9.9oz
<b>NX-240V16P / NX-340U16P</b>			
3 Hrs.	2,000 mAh	10/12 Hrs.	9.9oz

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





# 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

**JVCKENWOOD USA Corporation**

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