

ProTalk™

Portable Business Two-Way Radios

TK-2100 (VHF) & TK-3100 (UHF)



- Heat
- Freezing
- Dust
- Moisture
- Shock
- Vibration



2-year warranty

TK-2100 (VHF)

KENWOOD

Choose Kenwood's ProTalk™ and you'll enjoy a full line of accessories for the ultimate in operating convenience.

KNB-14 600 mAh, 8-hour Standard Rechargeable NiCd Battery		KBH-8DS Swivel Belt Loop with D-Stub Backplate		KMC-17 Heavy-duty Speaker Microphone	
KNB-15A 1100 mAh, 10-hour Extended-life Rechargeable NiCd Battery		KWR-1 Water-resistant Bag		KMC-21 Compact Speaker Microphone	
KBP-1 AA Alkaline Battery Pack (holds 6 AA Cells; not included)		KLH-6SW Swivel Belt Case		KEP-2 Earphone Kit for KMC-17/21 Speaker Microphones (2.5 mm plug)	
KSC-15 Regular Rate Single Unit Desktop Charger (Approx. 8 hr. charge time typical)*		KLH-83 Heavy-Duty Carrying Case w/bungee-cord		KHS-8BL Two-wire Surveillance Palm Microphone with PTT (black)	
KSC-16 Rapid Rate Single Unit Desktop Charger (Approx. 1 hr. charge time typical)*		KLH-84B Nylon Case (Black)		KHS-7 Lightweight Single Ear muff Headset with Flexible Boom Microphone and PTT	
KMB-14 Six Unit Charger Adapter (for six KSC-15/16 chargers; purchase separately)		KLH-84C Nylon Case (Camouflage)		KHS-7A Lightweight Single Ear muff Headset with Boom Mic and In-line PTT	
KVC-3 Regular Rate Vehicular Charger Adapter		KLH-84G Nylon Case (Green)		KHS-17 Earpiece with Microphone	
KVC-4 Rapid Rate Vehicular Charger Adapter		KLH-84OR Nylon Case (Orange)		HMC-3 Light-duty Single Earpiece Headset with Flexible Boom Mic, VOX (voice-activated) & PTT	
KBH-8 Spring-Action Plastic Belt Clip		KLH-84HB Horizontal-ware Nylon Case (Black)		EMC-3 Clip Microphone with Earphone	
		KRA-14 VHF Helical Antenna			
		KRA-15 UHF Whip Antenna			
		KRA-16 M VHF Stubby Antenna			
		KRA-17 M UHF Stubby Antenna			

*Under average conditions.

Not all accessories may be available in all markets.

Specifications

- Number of channels: 1 or 2 • Privacy codes: 38 programmable (CTCSS) • 4 or 8 programmable memories
- Power supply: 600mAh, rechargeable NiCd battery • Dimensions (W x H x D): 2-1/4 x 4-7/8 x 1-1/4 in (58 x 125 x 32 mm), incl. KNB-14 battery • Weight: 11.6 oz (330 g), incl. KNB-14 battery & antenna
- FCC ID: (TK-2100) ALH27293110, (TK-3100) ALH2730110 • FCC compliance: (TK-2100) Parts 22, 74, 90.210, (TK-3100) Parts 90, 90.210, 95(A)

Kenwood follows a policy of continuous advancement in development. For this reason specifications may be changed without notice.

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The Tough One

Kenwood Communications, a manufacturer of high-quality two-way radios for public safety, government, and heavy industry offers the ProTalk™ VHF and UHF portable radios as the tough and reliable answer to your on-site communications needs. Dependable ProTalk™ two-way radios increase productivity by managing time, labor and materials efficiently over the air. Whether running a small family-owned business or controlling large crews on a construction site, the durable ProTalk™ radios save money, enhance competitiveness and increase the bottom line.



ProTalk™
Portable Business Two-Way Radio
TK-3100 (UHF)

With the durable die-cast chassis, Kenwood's ProTalk™ meets military standards for reliable performance in demanding work environments.

The aluminum die-cast chassis provides exceptional strength for rough handling that, when combined with a rugged and sealed case design, enable the ProTalk™ to provide years of reliable use. The ProTalk™ also meets MIL-STD 810 C, D & E environmental specifications for Vibration, Shock, Humidity, Dust, and Light Rain. As well as

being extremely durable, the ProTalk™ is also conveniently sized. Carry the ProTalk™ in your pocket or on a belt and you'll hardly notice it because it's so small and lightweight (approximately 11 oz. and 5 inches in height).



Military Environmental Standards	MIL-STD 810C	MIL-STD 810D	MIL-STD 810E
Light Rain	506.1/Proc. II	506.2/Proc. II	506.3/Proc. II
Humidity	507.1/Proc. II	507.2/Proc. II	507.3/Proc. II
Dust	510.1/Proc. I	510.2/Proc. I	510.3/Proc. I
Vibration	514.2/Proc. VIII, X	514.3/Proc. I	514.3/Proc. I
Shock	516.2/Proc. I, II, V	516.3/Proc. I, IV	516.4/Proc. I, IV

Incorporating top industrial-grade materials and high-spec components, Kenwood's ProTalk™ answers your every call.

■ 38 Programmable Privacy Codes per Channel

The Kenwood QT coded squelch system provides the industry-standard 38 codes for blocking out unwanted interference from other users. These codes can also be used to separate the conversations of various work groups within your company to eliminate confusion and wasteful employee chatter. Users can program a ProTalk™ to any of the other pre-stored codes (each ProTalk™ is factory programmed for Code No.1, 670 Hz).

■ 1 or 2 Channel Models

Each ProTalk™ is available as one or two channel models factory programmed to the following frequencies.

Channel(s)	ProTalk™ VHF	ProTalk™ UHF
1	Blue 154.5700 MHz	Yellow 464.5500 MHz
2	Green 154.6000 MHz	Blue Star 467.9250 MHz



1-channel ProTalk™

2-channel ProTalk™



■ 4 or 8 Programmable Pre-stored Frequencies

The ProTalk™ VHF (TK-2100) model has four pre-stored frequencies while the ProTalk™ UHF (TK-3100) model has eight pre-stored frequencies. Users can program a ProTalk™ to any of the pre-stored frequencies.

Memory	ProTalk™ VHF		ProTalk™ UHF	
1	Red	151.6250 MHz	Brown	464.5000 MHz
2	Purple	151.9550 MHz	Yellow	464.5500 MHz
3	Blue	151.5700 MHz	J	467.7625 MHz
4	Green	154.6000 MHz	K	467.8125 MHz
5	/	/	Silver Star	467.8500 MHz
6	/	/	Gold Star	467.8750 MHz
7	/	/	Red Star	467.9000 MHz
8	/	/	Blue Star	467.9250 MHz

■ 2 Watts Transmit Power/Range Up to 5 Miles

The ProTalk™ offers 2 watts of power to enable direct radio-to-radio communication on the same frequency (simplex) for up to 5 miles*.

Conditions	ProTalk™ VHF Range	ProTalk™ UHF Range
Outdoor: line-of-sight (no obstructions)	Up to 5 miles	Up to 5 miles
Open locations: low residential buildings	Up to 2.5 miles	Up to 2 miles
Indoor: • steel/concrete building • multi-floor building	Up to 180,000 sq. ft. Up to 10 floors	Up to 250,000 sq. ft. Up to 20 floors

*The range of the ProTalk™ will vary depending on terrain, obstructions and other conditions.

BUILT FOR THE TOUGH JOBS



FOR RETAIL STORES



FOR MOTEL & HOTELS



FOR JOB SITE

■ Includes 8-Hour Battery Pack, Desktop Charger & Belt Clip

The sealed rechargeable NiCd battery pack slides on quickly and easily to the radio. This means that you don't have to contend with cumbersome latches and there are no battery compartment lids to lose or break. Charging a radio with battery installed or a spare battery pack is a simple drop-in task with the supplied desktop charger. A long-use, 10-hour KNB-15A battery option is also available and the spring belt-clip mounts directly to the body chassis.

■ Compatibility

ProTalk™ operates on the same channels² and coded squelch tones as other brands of on-site business radios. So choosing the rugged Kenwood ProTalk™ will not make your investment in existing radio equipment obsolete.

²The ProTalk™ operates on FCC Business Radio Service frequencies (460 ~ 470 MHz); see instruction manual for licensing information.

■ Simple Operation/ Rugged Controls

Simply turn it on and push to talk. Each ProTalk™ has an on/off power and volume setting knob to adjust audio to a comfortable listening level. Two channel models have a two-position toggle switch for easy, simple operation. A monitor button is also provided to check coded squelch channels for voice activity. For added convenience, the two-color LED indicator lights red for transmit and green for an active channel.

■ Brass Reinforced Antenna Port

The ProTalk™'s sealed heavy-duty "SMA" antenna connector and high-gain durable antenna offer excellent strength for optimum range.

- Time-Out timer
- Low Battery Alert
- Powerful Audio
- Protected Accessory Port