



**MIL-STD  
IP54/55**

# The TOUGH ONE

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



The aluminium die-cast chassis provides exceptional strength.  
This combines with a sealed case design to ensure that the ProTalk®  
will provide years of reliable use. In addition to hard knock and drops,  
this rugged radio is also built to survive all weather environments.  
In fact, it satisfies or exceeds the stringent IP54/55 dust and water  
intrusion standards and also the US MIL-STD 810 C, D, E & F  
environmental standards, including the demanding "blowing rain" test.

| MIL-STD           | Method / Procedures  |                     |                     |                    |
|-------------------|----------------------|---------------------|---------------------|--------------------|
|                   | 810C                 | 810D                | 810E                | 810F               |
| Low Pressure      | 500.1/Proc. I        | 500.2/Proc. I, II   | 500.3/Proc. I, II   | 500.4/Proc. I, II  |
| High Temperature  | 501.1/Proc. I, II    | 501.2/Proc. I, II   | 501.3/Proc. I, II   | 501.4/Proc. I, II  |
| Low Temperature   | 502.1/Proc. I        | 502.2/Proc. I, II   | 502.3/Proc. I, II   | 502.4/Proc. I, II  |
| Temperature Shock | 503.1/Proc. I        | 503.2/Proc. I       | 503.3/Proc. I       | 503.4/Proc. I, II  |
| Solar Radiation   | 505.1/Proc. I        | 505.2/Proc. I       | 505.3/Proc. I       | 505.4/Proc. I      |
| Rain              | 506.1/Proc. I, II    | 506.2/Proc. I, II   | 506.3/Proc. I, II   | 506.4/Proc. I, III |
| Humidity          | 507.1/Proc. I, II    | 507.2/Proc. II, III | 507.3/Proc. II, III | 507.4              |
| Salt Fog          | 509.1/Proc. I        | 509.2/Proc. I       | 509.3/Proc. I       | 509.4              |
| Dust              | 510.1/Proc. I        | 510.2/Proc. I       | 510.3/Proc. I       | 510.4/Proc. I, III |
| Vibration         | 514.2/Proc. VIII, X  | 514.3/Proc. I       | 514.4/Proc. I       | 514.5/Proc. I      |
| Shock             | 516.2/Proc. I, II, V | 516.3/Proc. I, IV   | 516.4/Proc. I, IV   | 516.5/Proc. I, IV  |

## Optional Accessories

**KNB-29N**  
Ni-MH Battery,  
16 hours  
(7.2V, 1500mAh)



**KHS-1**  
Headset  
with VOX/PTT



**KHS-22**  
Lightweight  
Headset with  
Boom Mic./PTT



**KNB-30A**  
Ni-Cd Battery,  
11 hours  
(7.2V, 1100mAh)



**KHS-7**  
Single-Muff  
Headset



**KEP-2**  
Earphone Kit for  
the KMC-17/21  
(2.5mm plug)



**KSC-31**  
Rapid Charger  
for the KNB-29N  
and KNB-30A



**KHS-8BL**  
2-Wire Palm  
Microphone  
(Black)



**KBH-10**  
Belt Clip



**KMC-17**  
Heavy-Duty  
Speaker Microphone



**KHS-9BL**  
3-Wire Lapel  
Microphone with  
Earphone (Black)



**KWR-1**  
Water-Resistant  
Bag



**KMC-21**  
Compact Low-  
Profile Speaker  
Microphone



**KHS-10-OH**  
Noise-Reduction  
Headset with  
Noise-Cancelling  
Microphone



**KLH-120**  
Leather Case

*Not all accessories and options may be available in all markets.  
Contact an authorized Kenwood dealer for details.*

## Specifications

- Number of channels: 16
- RF output power: 0.5W ERP
- Dimensions (W x H x D): 54 x 122 x 33mm including battery
- Weight: 360g with KNB-29N battery

*Kenwood follows a policy of continuous advancement in development.  
For this reason, specifications may be changed without notice.  
ProTalk® is a registered trademark of Kenwood Corporation.*



KENWOOD MEANS BUSINESS

Kenwood Communications has been putting people together since 1946. Our products are sold in 120 countries throughout the world, where our reputation for high quality, reliability and the ability to perform even under the most extreme situations, is second to none. From the police, emergency services and armed forces to rock concerts, Formula 1 and major sporting events, Kenwood Communications is the natural choice in PMR.



ISO9001 Registered  
Communications Equipment Division  
Kenwood Corporation  
ISO9001 certification

# ProTalk®

**PMR446 TRANSCEIVER  
TK-3201**



**CLEAR COMMUNICATIONS.  
THE KEY TO GREAT TEAMWORK.**

**KENWOOD ELECTRONICS DEUTSCHLAND GMBH**  
Rembrücker Str. 15, 63150 Heusenstamm, Germany

CL578E-E-6

**KENWOOD**

Introducing the compact ProTalk® TK-3201 Kenwood's latest PMR446 transceiver. Sporting a new design that's easy to use and hold, the tough ProTalk® really means business. As well as clearing IP54/55 and MIL-STD requirements for ruggedness, it offers 16 channels, programmable frequencies and QT/DQT channel settings, a high-capacity battery and a long talk range. All in all, it's the perfect solution for construction, retail, hospitality, warehousing, industrial, facilities management and rental fleet applications.



**ProTalk®**  
PMR446 TRANSCEIVER  
TK-3201

For Security



For Restaurants and Hotels



For Retailers



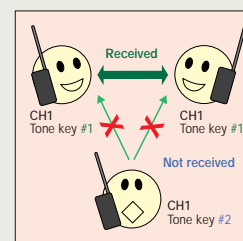
For Construction

## ■ 16 Channels

The ProTalk® offers 16 channels, each of which can be programmed by the user to any of the 8 pre-stored frequencies, guided by the voice synthesizer.

## ■ Versatile Signalling

Sub-audible QT tone & DQT digital codes mute undesired voice traffic audio and segregate user talk groups on shared frequencies or radio systems. Similarly guided by the voice synthesizer, the user can pick any of the pre-stored settings – 26 QT tones and 12 DQT codes (plus Off).



## ■ Compatibility

Thanks to the pre-stored 8 frequencies and 38 QT tones and DQT codes, the ProTalk® can operate on the same channels and coded squelch tones as other business radio brands. So choosing the rugged Kenwood ProTalk® will not impact on any of your previous investments in radio equipment.

## ■ All-in-one Package

The ProTalk® is ready for use immediately after purchase. It comes with all necessary accessories, including a rapid charger and a powerful Ni-MH battery pack with extra capacity (1500mAh). A handy belt clip is also provided.

## ■ Long Battery Life

The supplied battery KNB-29N offers up to 16 hours of operation.

## ■ Talk Range of 5km (3 miles)

The ProTalk® offers 0.5W of power to enable direct radio-to-radio communication on the same frequency (simplex) for distances of up to 5km\*.

\* Talk range will vary depending on terrain, obstructions, and other conditions.

## ■ Enhanced 2-Way Audio

A portable radio may well have to perform in a noisy environment, so the frequency curve of the ProTalk® has been custom-tuned to optimize two-way communications. Moreover, the 32mm-diameter speaker delivers up to 500mW, ensuring communications are always loud and clear.

## Other Features

- Scan • Channel Confirmation Mode • Key Lock
- Voice Inversion Scrambler • Calling Alert
- Time Out Timer • Low Battery Warning

## Included Accessories

- Ni-MH Battery Pack (16 hours) • Spring-action Belt Clip
- Rapid Charger

## Compact Design, Friendly Controls

The ProTalk® is worthy of an industrial design award – superbly functional and rugged, yet smart enough to look at home in a hotel foyer or restaurant. Every detail has been carefully designed. Its rounded ergonomic contours provide a comfortable hold, while a non-slip elastomer rotary switch ensures a good grip for accurate channel selection.

