TK-3301 PMR446 TRANSCEIVER



Rugged Reliability Matched with
Expert Performance in a Powerful Compact Radio

Robust and water-resistant

With its light yet strong aluminium die-cast chassis, the TK-3301 is built to survive hard knocks and drops. And thanks to its sealed case, it offers reliable performance in severe weather and environments. Even with the KMC-45 optional speaker microphone connected* it satisfies or exceeds the stringent IP54/55 dust and water intrusion standards, as well as the US MIL-STD 810 C, D, E & F environmental standards.



*Requires locking bracket.

Standards	Method/Procedures			
	MIL 810C	MIL 810D	MIL 810E	MIL 810F
Low Pressure	500.1/ I	500.2/ I, II	500.3/ I, II	500.4/ I, II
High Temperature	501.1/ I, II	501.2/ I, II	501.3/ I, II	501.4/ I, II
Low Temperature	502.1/ I	502.2/ I, II	502.3/ I, II	502.4/ I, II
Temperature Shock	503.1/ I	503.2/ I	503.3/ I	503.4/ I, II
Solar Radiation	505.1/ I	505.2/ I	505.3/ I	505.4/ I
Rain *1	506.1/ I, II	506.2/ I, II	506.3/ I, II	506.4/ I, III
Humidity	507.1/ I, II	507.2/ II, III	507.3/ II, III	507.4
Salt Fog	509.1/ I	509.2/ I	509.3/ I	509.4
Dust	510.1/ I	510.2/ I	510.3/ I	510.4/ I, III
Vibration	514.2/ VIII, X	514.3/ I	514.4/ I	514.5/ I
Shock	516.2/ I, II, V	516.3/ I, IV	516.4/ I, IV	516.5/ I, IV

*1 Required condition for Blowing-Rain; the 2-pin connector must be covered.

Enhanced audio

Clear, crisp audio means confident communications, but power output is not the only factor that determines how easy it is to use a radio in varying noisy environments. As an experienced audio specialist, Kenwood can draw on decades of expertise at every step: component selection, construction, optimization, evaluation and analysis. The resulting audio performance, specially engineered for transceivers, is undeniably clearer and crisper. Just listen to the difference.

16 channels

The TK-3301 offers ample capacity for multiple channels or radio systems.

Built-in voice-inversion scrambler

The voice-inversion scrambler provides basic protection against casual eavesdropping.

VOX ready

The TK-3301 offers the convenience of hands-free operation using any supported headset. The internal VOX (voice-operated transmission) circuitry provides automatic PTT with a 10-level sensitivity adjustment for different ambient noise levels.

Compatibility

As it's possible to pick frequency and QT/DQT channel settings, the ProTalk® Series can operate on the same channels with the same coded squelch tones as other business radio brands. So purchasing the TK-3301 will not impact on any previous investments in radio equipment.

Voice annunciation

The rotary and key controls have been designed to provide voice-announcement – handy when the radio is carried out of sight, as in a pocket. A voice announces the radio status or mode whenever you operate the TK-3301. English is the default language, but you can switch to French, Spanish, German, Italian or Dutch.

Independent setting per channel

The VOX, scrambler and compander functions can be dealer-programmed separately for each channel. This means, for example, that you can easily switch a function on or off by selecting another channel programmed for the same frequency.

QT/DQT encoder/decoder

The radio's encoder/decoder function uses QT/DQT to segregate talk groups so you only hear calls from your own group. You can pick any of 38 stored settings – 26 QT tones and 12 DQT codes (plus Off) – which are compatible with the TK-3201.

Talk range of 6.4km (4 miles)

The TK-3301 delivers 0.5 watts of power, enabling direct radio-to-radio communication on the same frequency (simplex) for up to 6.4km.

Operating range

Open locations (no obstructions)	Up to 6.4km (4 miles)
Residential areas (near buildings)	Up to 2.4km (1.5 miles)
In steel-reinforced concrete buildings	Up to 18,580 m^2 (200,000ft^2)
In high-rise buildings	Up to 15 floors

Operating range will vary based on terrain and other conditions.

Self programming

You can select channel frequencies, QT/DQT tones and key assignments using table lists. In channel setup mode, each channel can be reprogrammed with different frequencies and QT/DQT settings; in key assignment mode, the PF1 and PF2 keys can be reprogrammed for different functions; and in channel confirmation mode, settings can be confirmed by voice.

All in one package

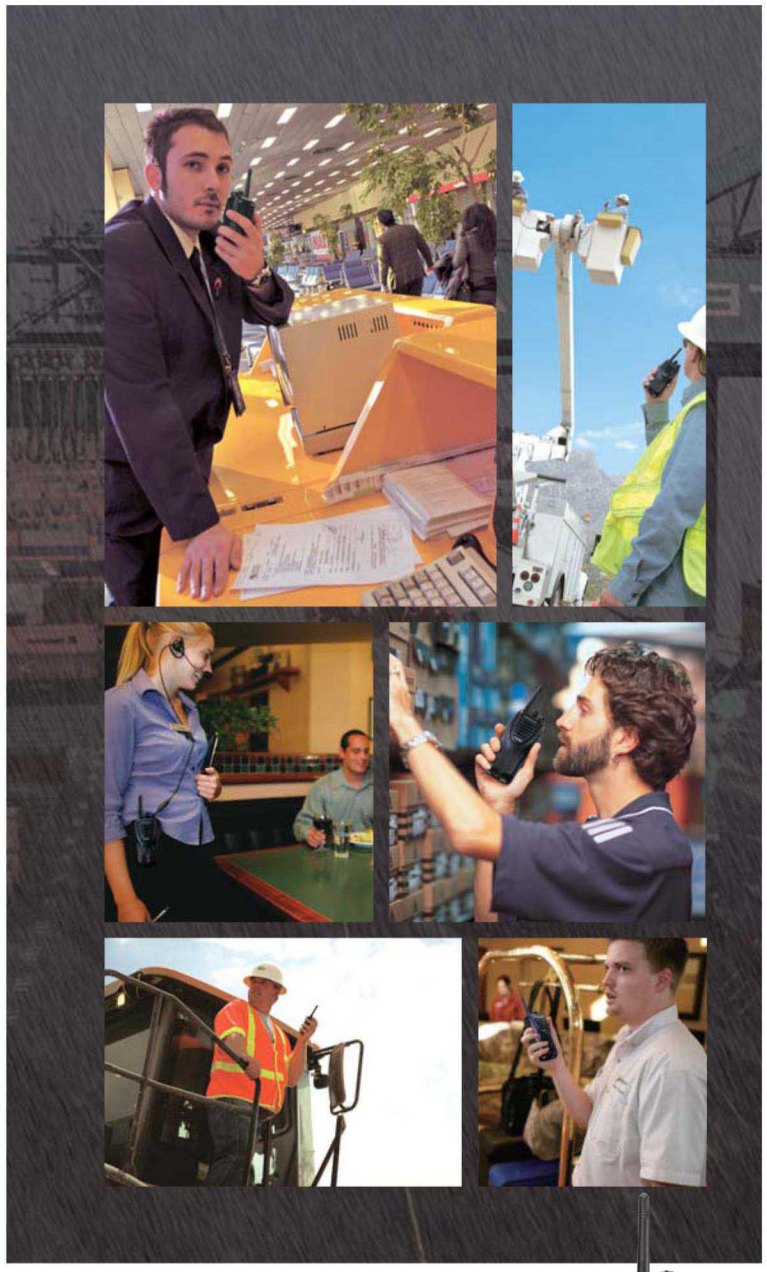
The TK-3301 is ready to use immediately after purchase. It comes with a rechargeable battery and battery charger. A handy belt-clip is also provided, so there's no need to buy extra accessories for basic operation.

Supplied accessories

• 2,000mA Li-Ion battery (KNB-45L) • Rapid charger (KSC-35) • Belt clip (KBH-10) • User manual

Other features

• Programmable keys • Key lock • Battery saver • 10-calling alert • Scan • Password protection • Wireless clone (dealer use) • Talk around • 3-colour LED (red orange, green) • Kenwood ESN (Electronic Serial Number) • Microsoft Windows® PC programming & tuning



The ProTalk® TK-3301 – Kenwood's latest PMR446 UHF FM portable radio – ticks all the boxes. With its compact dimensions and lightweight chassis, this tough little transceiver is easy to carry and operate. And it keeps on going – for as long as 20 hours per charge.



ProTalk® PMR446 TRANSCEIVER **TK-3301**

Optional Accessories

KNB-45L
Li-ion Battery
(7.4V, 2000mAh)



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



KNB-53N
Ni-MH Battery
(1400 mAh)



KSC-35
Rapid Charger
for KNB-45L



KSC-31
Rapid Charger
for KNB-29N
/53N



KSC-356
6-Pocket
Multiple Charger
for KNB-45L



KSC-316
6-Pocket
Multiple Charger
for KNB-29N/53N



KMC-45
Speaker Microphone



KMC-21
Slim Speaker
Microphone



EMC-7
Clip Microphone
with Earphone



KEP-2
Earphone Kit for
KMC-21/KMC-45
(2.5mm plug)



KHS-1
Headset
with VOX/PTT



KHS-7
Single-Muff
Vox Headset



KHS-8BL
2-Wire Palm
Microphone



KHS-9BL
3-Wire Lapel
Microphone with
Earphone



KHS-10-OH
Heavy-Duty
Noise-Reduction
Headset



KHS-21
Vox Headset



KHS-22
Headset



KHS-29F
Headset
with PTT



KWR-1
Water-Resistant
Bag



KBH-10
Belt Clip



KLH-120
Leather Case



KLH-131
Nylon Case

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

Specifications

- Number of Channels: 16ch
- RF Power Output: 0.5W (ERP)
- Battery Life (5-5-90) with KNB-45L, Battery Save ON / OFF: 25 hours / 20 hours
- Dimensions (W x H x D) with KNB-45L: 54 x 122 x 33.8mm
- Weight: 280g (with KNB-45L); 160g (body only)

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.
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Kenwood has always connected with people through sound.
Now we want to expand the world of sound in ways that only Kenwood can,
listening to our customers and to the pulse of the coming age
as we head toward a future of shared discovery,
inspiration and enjoyment.

ISO9001 Registered
Communications Equipment Division
Kenwood Corporation
ISO9001 certification

Kenwood Electronics U.K. Ltd.
Kenwood House, Dwight Road, Watford, Herts, WD18 9EB, United Kingdom
www.kenwood-electronics.co.uk

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ProTalk®

PMR446 TRANSCEIVER
TK-3301



Rugged Reliability with
Exceptional Performance

SyncComms