

KENWOOD

COMMUNICATIONS

## TK-3301



PMR446 FM Portable Transceiver

TK-3301

## 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.

## 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)
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Residential areas (near buildings)	Up to 2.4km (1.5 miles)
In steel-reinforced concrete buildings	Up to 18,580m <sup>2</sup> (200,000ft <sup>2</sup> )
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

