

The ProTalk TK-3701D is a licence-free UHF digital transceiver featuring both digital dPMR446 and analogue PMR446 communications.

Digital & Analogue

The TK-3701D features the latest digital dPMR446 technology with a total of 48 preset channels (32 digital and 16 analogue) in 3 zones (2 digital and 1 analogue).

No licence required

Licence-free dPMR446 and PMR446 operation in an all-in-one package that's ready for immediate use.

Industrial strength construction

Compliant with IP54/55 and US MIL-STD 810 C, D, E, F, and G standards.

Powerful yet natural sound output

AMBE+2™ vocoder for natural audio with minimum delay; BTL audio amplifier for powerful 1 watt output.

Second PTT

Make use of the Second PTT for giving different instructions to different staff as the radio allows the use of main channel plus another channel*1.

OPTIONS

KNB-45LM

Li-Ion battery pack
> 7.4 V/2000 mAh



KMC-45DW

Heavy duty speaker
microphone - IP55



KHS-10D-OH

Heavy duty noise
reduction headset



KNB-53NM

Ni-MH battery pack
> 7.2 V/1400 mAh



KEP-2

Earphone kit
> KMC-45DW / 2,5mm



KHS-22

Lightweight
headset



KSC-35SE

Rapid charger
> KNB-45LM



KHS-1M

Lightweight head-
set w/ VOX & PTT



EMC-11W

Clip microphone w/
earphone & PTT



KSC-43E

Rapid charger
> KNB-45LM & 53NM



KHS-7

Single muff headset
w/ microphone



EMC-12W

Clip microphone w/
earphone & PTT



KSC-356AE

Multiple charger
> 6 x KNB-45LM



KHS-7A

Single muff headset
w/ micro & PTT



KBH-10M

Belt clip



KMB-35SCR

Charger pocket
> 6^{PM} x for KMB-35AE



KHS-8BL

Microphone w/
earpiece



KLH-187

Nylon case



KMB-35AE

Multiple charger
adapter > KSC-35SCR



KHS-9BL

Microphone w/
earpiece, PTT



KLH-131PC

Leather case



KMC-21M

Slim-line speaker
microphone



Visit our website www.kenwood.be for further details and a complete list of all optional accessories.

SPECIFICATIONS

GENERAL		TK-3701D	
Frequency Range		446.0 - 446.2 MHz	
Max. Channels per Radio		48 channels	
Number of Zones		3 zones	
Max. Channels per Zone		16 channels	
Channel Spacing		Analogue	12.5 kHz
		Digital	6.25 kHz
Power Supply		7.5 V DC ±20 %	
Operating Temperature (Radio only)*3		-30°C to +60°C	
Frequency Stability (-30°C to +60°C; +25°C Ref.)		±0.5 ppm	
Battery Life (5-5-90)**: Digital / Analogue		Battery Save ON	Battery Save OFF
KNB-45L		16 / 18 hours	15 / 15 hours
Dimensions (W x H x D) / Weight*5		w/ KNB-45L 54 x 123 x 33.5 mm / 282 g	
RF Power Output		ERP 500 mW	
Audio Output (Internal)		1 W	
Emission Designator		Analogue	8K50F3E
		Digital	4K00F1E

*3: Operating temperature specification for a Li-Ion battery is -10°C to +60°C.
*4: Based upon 5% transmit/ 5% receive/ 90% standby (standard duty cycle) *5: Protrusions not included.
Implementation of national regulations based on the Harmonized European Standards TS 102 490, EN 300 296, EN 300 341, and EN 301 166, specification are typical.
Details and timing of firmware and software updates are subject to change without notice, due to advancements in technology.

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KENWOOD

UHF DIGITAL TRANSCEIVER
TK-3701D



ProTalk DIGITAL



Licence Free Radio

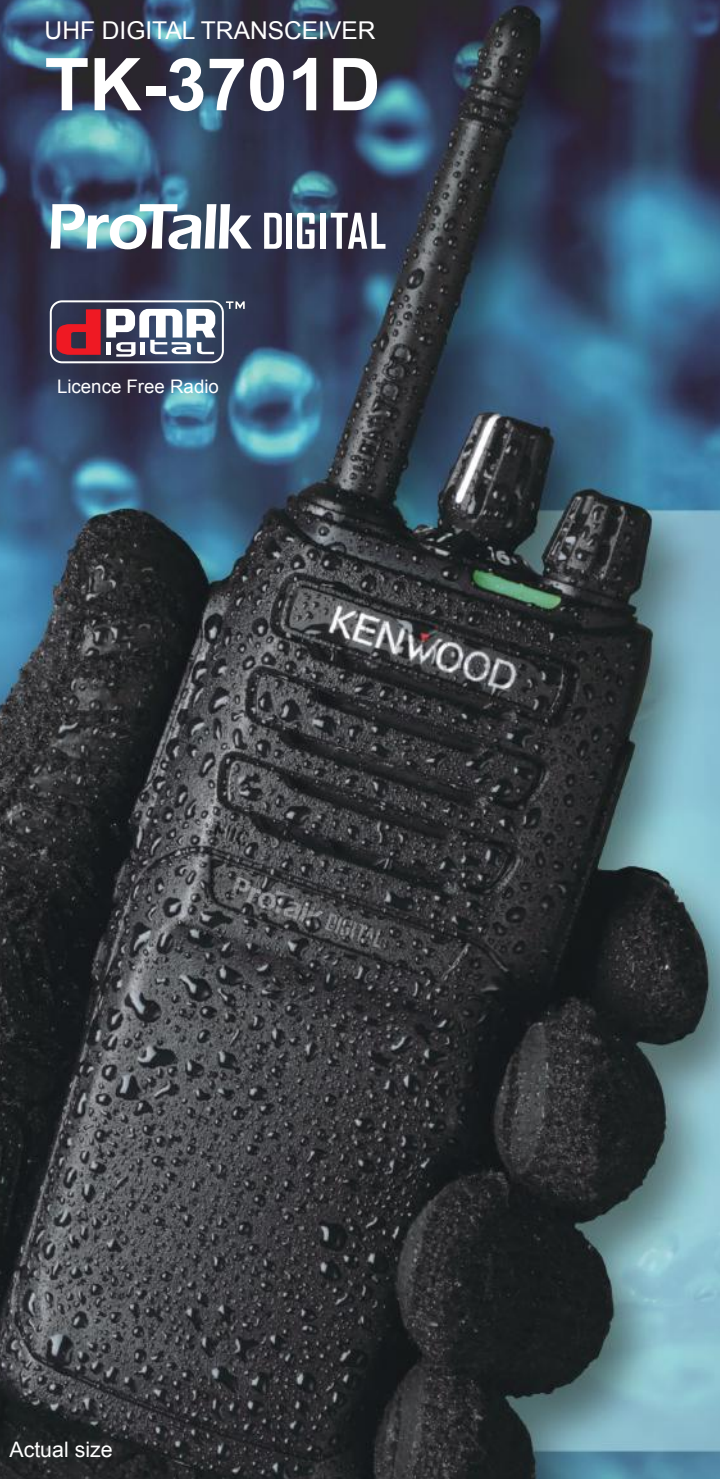
UHF DIGITAL TRANSCIVER

TK-3701D

ProTalk DIGITAL



Licence Free Radio



Actual size

User-Friendly

Compatible with digital or analogue

This radio allows Digital and Analogue combined operation, which means it can handle both digital and analogue signals in a zone. This gives you the freedom to migrate at your own pace — whether you are ready to go fully digital, or use with the current analogue transceivers with a view to gradually switching to digital.



No licence required

The TK-3701D is a licence-free dPMR446 and PMR446 UHF digital transceiver. The ready-to-use package comes with a transceiver, rechargeable battery, battery charger, and belt clip. If you are looking for a radio system that covers only small areas without the need for a repeater, the TK-3701D is an ideal choice.



Selectable 7-colour LED*1

A large 7-colour LED indicator on the top panel illuminates to notify multi-status functions including power-on and different unit identification.



Clear and powerful sound output

• Digital means clear, crisp audio quality

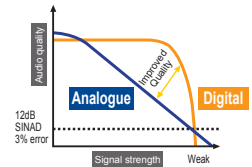
When the radio is in digital mode, the user can hear clearer sound with less residual noise. Delay associated with digital audio can be a drawback at times however such delay can be minimised as the radio features DSP with AMBE+2™ vocoder.

• BTL audio amplifier for powerful 1W output

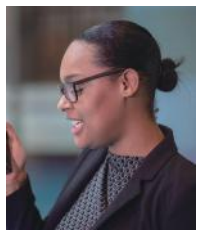
Operator's usage environment can be noisy at times however with the large internal speaker combined with a BTL audio amp, the radio can deliver up to 1 watt of clear sound.

Digital technology provides superior clarity in extended coverage

As RF signal strength weakens with distance, analogue reception becomes increasingly noisy and intermittent. dPMR446's digital modulation technology improves reception in fringe areas, thereby "effectively" increasing coverage as much as 20% compared to analogue.



User-Friendly, Durable, and Efficient to Best Serve Your Needs.



Durable

IP54/55 and US MIL-STD 810 C, D, E, F, and G standard-compliant

Compliant with 11 US military standards (MIL-STD). IP54/55 protection against water jets is also featured on the TK-3701D*2.

A High-capacity battery for long-lasting operation

The TK-3701D comes with a high-capacity Li-ion battery to deliver long hours of operation. The ability to keep going with no battery replacement means better reliability even in harsh working environments. Besides the supplied Li-ion battery, optional rechargeable batteries and other accessories that can be used with the TK-3701D are available.

Highly Efficient

254 common ID codes (Digital mode)

User can change the pre-programmed common ID for each channel.

Other features:

- Voice Announcement*1
- SCAN*1
- VOX / Semi-VOX (headset required)
- Button Lock
- Time-out Timer
- Battery Saver*1
- Calling Alert
- QT / DQT
- Componder

*1: PC programming required.

*2: All interfaces must be fully sealed with appropriate covers or by designated genuine accessories.