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-45L/69L
Li-ion BATTERY PACK
(7.4 V/2000 mAh,
7.4 V/2450 mAh)

KNB-53N
Ni-MH BATTERY PACK
(7.2 V/1400 mAh)

KSC-35S
RAPID CHARGER
(for Li-ion KNB-45L/69L)

KSC-43
RAPID CHARGER
(for Li-ion KNB-45L/
69L & Ni-MH KNB-53N)

KSC-356A
MULTIPLE CHARGER
(6-pocket for Li-ion
KNB-45L/69L)

KSC-35SCR
CHARGER POCKET
(6-pocket for KMB-35A)

KMB-35A
MULTI CHARGER ADAPTER
(for KSC-35SCR)*

*The six KSC-35SCR chargers shown in the photo are sold separately.

KVC-22
DC VEHICULAR CHARGER
ADAPTER (for KSC-35S)

EMC-11/12
CLIP MICROPHONE WITH
EARPHONE (Std., ear-hanging)

KHS-35F
HEADSET (Ear-hook)

KMC-45D
SPEAKER MICROPHONE

KBH-10
BELT CLIP

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)*4: 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 / 280 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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ISO9001 Registered
Communications Systems Business Unit
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CL878E-E-2

KENWOOD

UHF DIGITAL TRANSCEIVER

TK-3701D

ProTalk DIGITAL

dPMR digital™

Licence Free Radio

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

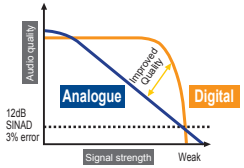
When the radio is in digital mode, the user can hear clearer sound with less residual noise. Delay associated with digital audio can be a drawback at times however such delay can be minimised as the radio features DSP with AMBE+2™ vocoder.

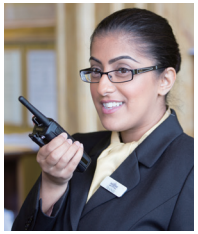
• BTL audio amplifier for powerful 1W output

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.

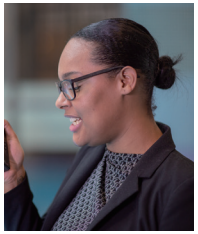
Digital technology provides superior clarity in extended coverage

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
●Compander

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