

ProTalk

No Licence Required

TK-3710

UHF CB FM TRANSCEIVER



The ProTalk TK-3710 is a licence-free UHF 80-channel CB transceiver that is easy-to-use and excellent for all sorts of recreational outdoor activities. But that's not all. The TK-3710 can also be enhanced to 128-channel capability for a simple yet tough radio solution for commercial applications*. Added with its superb audio performance of up to 1 watt audio power and convenient features and modes such as 7-colour LED, the TK-3710 will take you ahead to meet new challenges.

*PC programming required.

SUPERB OPERATING EASE

Using this radio will quickly become second nature thanks to the ergonomic design, volume and channel selectors on the top panel, and multiple PF keys (7 on the front, 2 on the side). The 8-character alphanumeric aliases make life simple, while the selective 7-colour LED indicator** illuminates to provide at-a-glance confirmation of operating status such as power on and unit identification.



STRICT QUALITY CONTROL

The TK-3710 is registered as ISO 9001 compliant (ISO 9001 is the international standard for Quality Management Systems). Moreover, each transceiver has passed KENWOOD's own quality tests – more extreme than any of the accepted industry standards – which simulate years of sustained, demanding use in harsh operating conditions.

COMMERCIAL CH MODE READY (ENHANCED FEATURE)

KENWOOD TK-3710 is more than just a CB radio: enterprises can make use of 128 zones / 128 channels per zone (range: 450-520MHz TX, 450-520MHz RX), in compliance with the relevant radio regulations.**

** Standard Australia Specification No. AS/NZS 4295:2015 (Commercial).

SUPPLIED & OPTIONAL ACCESSORIES

The TK-3710 is bundled with accessories you need to start using the radio today. It comes with a high-capacity IP67-capable Li-ion battery to deliver long hours of operation. The ability to keep going with no battery replacement means better reliability. In addition to the supplied accessories, optional batteries and full line of accessories that can be used with the TK-3710 as well as legacy models are available.



OTHER FEATURES

- Scan modes incl. Selected Channel Scan that allows the radio to simultaneously watch over 2 channels of Selected and Priority
- Voice announcement**
- Simplex/duplex select (channels 1 to 8, 41 to 48)
- Min./ max. volume setting**
- Lone worker and customisable emergency profile**
- Menu and function modes**

** PC programming required

LICENCE-FREE 80-CHANNEL CB RADIO

The ProTalk CB radio TK-3710 requires no licence for use on all narrowband 80 simplex CB channels*1 including 16 repeater (semi-duplex) channels.

*1 AS/NZS 4365:2011 (80-channel CB); except guard band channels 61-63.

ROBUST & WATER-RESISTANT

You can depend on all-weather performance from this tough transceiver. The TK-3710 meets international ingress protection standards, including IP54, IP55, and IP67. With the IP67 immersion standards, the radio can be immersed in water for 30 minutes at a depth of 1 meter. The radio also meets or exceeds 11 MIL-STD 810 C/D/E/F/G environmental standards, including "blowing rain".**

**2 Supplied IP67-compatible battery is required to meet/accomplish IP67-equivalent functions.

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

CLEAR & CRISP ENHANCED AUDIO

The TK-3710 packs 1-watt of audio power from its internal speaker (or 500 mW of external output) and offers superb clarity. From component selection and construction to optimisation, evaluation and analysis, the KENWOOD difference is loud and clear as an audio expert.

SILENT MODE CTCSS/DCS STAND-BY

When there is a lot of radio traffic, count on the Silent Stand-by mode. The built-in CTCSS and DCS encoder/decoder covers 50 CTCSS sub-tone frequencies and 104 DCS codes, allowing you to set up the radio so you only hear calls from your own group – everything else is ignored.



OPTIONAL ACCESSORIES

- **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)
- **KNB-82LC**
Li-ion BATTERY PACK (7.4 V/1900 mAh, Intrinsically Safe) [IP67]* *Available later
- **KNB-84L**
Li-ion BATTERY PACK (7.4 V/1900 mAh) [IP67]
- **KSC-35S**
RAPID CHARGER (for Li-ion KNB-45L/69L/82LC/84L)
- **KSC-43**
RAPID CHARGER (for Li-ion KNB-45L/69L/82LC/84L & Ni-MH KNB-53N)
- **KSC-356A**
MULTIPLE CHARGER (6-pocket for Li-ion KNB-45L/69L/82LC/84L)
- **KSC-35SCR**
CHARGER POCKET (6-pocket for KMB-35A)



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



- **KRA-23**
UHF HELICAL ANTENNA (Low Profile)
- **KRA-27**
UHF WHIP ANTENNA (Standard Length)
- **KRA-42**
UHF STUBBY ANTENNA
- **KBH-10**
BELT CLIP



All accessories and options may not be available in all markets. Contact an authorized KENWOOD dealer for details and complete list of all accessories and options.

SPECIFICATIONS

GENERAL		TK-3710
Frequency Range*6		450 - 520 MHz
Max. Channels per Radio		128 channels*7
Number of Zones		128 zones
Max. Channels per Zone		128 channels
Channel Spacing		25 / 12.5 kHz
Power Supply		7.5 V DC ±20 %
Battery Life	KNB-45L/84L	11 hours
(Duty cycle: 5% TX/ 5% RX/90% standby)	KNB-69L	14 hours
Operating Temperature (Radio only)*8		-30°C to +60°C
Frequency Stability (-30°C to +60°C; +25°C Ref.)		±0.5 ppm
Dimensions (W x H x D) / Weight	Radio Only	54 x 123 x 33.5 mm / 175 g
	w/ KNB-45L/84L	54 x 123 x 33.5 mm / 295 g
	w/ KNB-69L	54 x 123 x 37.5 mm / 310 g

*6 UHF 476.4250 – 477.4125 MHz CB frequency range (80 simplex ch, 16 semi-duplex ch: Channels 1-8, 41-48), commercial channels within the 450 to 520 MHz (TX) / 450 to 520 MHz (RX) range
 *7 AS/NZS 4295:2015 (Commercial) & AS/NZS 4365:2011 (80-channel CB)
 *8 Operating temperature specification for a Li-ion battery is -10°C to +60°C.
 Measurements made per TIA-603 and specifications shown are typical.
 Details and timing of firmware and software updates are subject to change without notice.
 Specifications are subject change without notice, due to advancements in technology.

RECEIVER		TK-3710
Sensitivity Analog (12 dB SINAD) @ 12.5/25 kHz		0.22 / 0.26 µV
Selectivity @ 12.5/25 kHz		67 / 74 dB
Intermodulation @ 12.5/25 kHz		65 dB
Spurious Rejection		70 dB
Audio Distortion		7 %
Audio Output		1 W
TRANSMITTER		TK-3710
RF Power Output		5 / 4 / 1 W
Spurious Emission		-70 dB
FM Hum & Noise @ 12.5/25 kHz		40 / 45 dB
Audio Distortion		2 %
Emission Designator		16K0F3E, 11K0F3E

MIL-STD & IP*9

MIL Standards	Methods / Procedures				
	810C	810D	810E	810F	810G
Low Pressure	500.1/ I	500.2/ I, II	500.3/ I, II	500.4/ I, II	500.5/ I, II
High Temperature	501.1/ I, II	501.2/ I, II	501.3/ I, II	501.4/ I, II	501.5/ I, II
Low Temperature	502.1/ I	502.2/ I, II	502.3/ I, II	502.4/ I, II	502.5/ I, II
Temperature Shock	503.1/ I	503.2/ I	503.3/ I	503.4/ I, II	503.5/ I
Solar Radiation	505.1/ I	505.2/ I	505.3/ I	505.4/ I	505.5/ I
Rain	506.1/ I, II	506.2/ I, II	506.3/ I, II	506.4/ I, III	506.5/ I, III
Humidity	507.1/ I, II	507.2/ II, III	507.3/ II, III	507.4	507.5/ II
Salt Fog	509.1/ I	509.2/ I	509.3/ I	509.4	509.5
Dust	510.1/ I	510.2/ I	510.3/ I	510.4/ I, III	510.5/ I
Vibration	514.2/ VIII, X	514.3/ I	514.4/ I	514.5/ I	514.6/ I
Shock	516.2/ I, II, V	516.3/ I, IV	516.4/ I, IV	516.5/ I, IV	516.6/ I, IV
International Protection Standards					
Dust & Water	IP54 / IP55, IP67*10				

*9 All interfaces must be fully sealed with appropriate covers or by designated genuine accessories.
 *10 Water & Dust tighten IP67 models equipped with designated genuine batteries are [M] and [X] types only. (for Asia/Oceania)