

ProTalk[®]XLS TK-3230

Portable UHF Business Two-Way Radio

FleetSync[®]



GENERAL FEATURES

- 1.5 Watts Transmit Power
- 6 Channels
- 39-QT/83-DQT Coded Squelch
- Super Lock (Manager Key Lock)
- Scan Function
- Enhanced Kenwood Audio
- VOX Ready
- Built-in Privacy Talk (Scrambler)
- 10-call Alert Tone
- 4-digit 7-segment LCD with Backlight
- 3 Levels Battery Indicator
- MIL-STD C,D,E,F: 8 items
- Busy Channel Lockout
- Compander
- Battery Saver
- Time out Timer
- Monitor
- Wireless Clone

FleetSync[®]

- SELCALL (Selective Call)
- Individual, Group, and All Call
- PTT ID
- Caller ID Display

ACCESSORIES INCLUDED

- KNB-46L 2,000mAh Li-Ion
- KSC-37 2.5-Hour Fast Charger
- KBH-14 Belt Clip
- 2-year Warranty Card

TALK RANGE

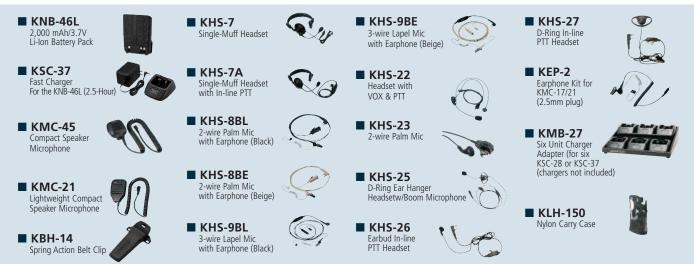
Operating Conditions			
Open areas without obstructions	Up to 5 miles (8 km)		
Residential areas (near buildings)	Up to 1.5 miles (2.4 km)		
In steel and/or concrete reinfoced buildings	Up to 225,000 sq.ft (20,900 sq.m)		
In high-rise buildings	Up to 17 floors		

Note:

Talk range will vary based on terrain and conditions.

(Actual Size)

Options



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

Model	TK-3230			
GENERAL				
Frequency Range	460-470 mHz			
BRS	Preset 64 Channels			
Number of Channels	6			
Channel Spacing				
Wide/Narrow	25 kHz/12.5 kHz			
Channel Step	5, 6.25 kHz			
Operating Voltage	3.8V DC±10%			
Battery Life (5-5-90 duty cycle)				
with KNB-46L (2,000mAh)	Approx. 14 hours (Battery saver off)			
	Approx. 18 hours (Battery saver on)			
Operating Temperature Range*	-14°F ~ +140°F (-10°C ~ +60°C) +2 5ppm (-14°E ~ +140°F)			
Frequency Stability	±2.5ppm (-14°F ~ +140°F)			
Antenna Impedance	50 Ω			
Dimensions (W x H x D), Projections not Included				
Radio with KNB-46L 2.0	07 x 4.07 x 1.13 in. (52 x 103.5 x 28.7 mm)			
Weight (net)				
Radio with KNB-46L	5.5 oz. (155 g)			
FCC ID				
Type 1	ALH383200			
FCC Compliance				
Type 1	parts 90/95			

Model	TK-3230			
RECEIVER (Measurements made per TIA/EIA-603)				
Sensitivity (12dB SINAD)	· · ·			
Wide	0.25 μV			
Narrow	0.28 µV			
Selectivity				
Wide	60 dB			
Narrow	50 dB			
Intermodulation Distortion				
Wide	50 dB			
Narrow	50 dB			
Spurious Response	55 dB			
Audio Output	100 mW with less than 5% distortion			
TRANSMITTER (Measurements made per TIA/EIA-603)				
RF Output Power				
High	1.5 W (ERP)			
Low	0.5 W (ERP)			
Spurious Response	50 dB			
Modulation				
Wide	16KØF3E			
Narrow	11KØF3E			
FM HUM & Noise				
Wide	40 dB			
Narrow	34 dB			
Audio Distortion	Less than 5%			

Kenwood follows a policy of continuous advancement in development. For this reason specifications may be changed without notice.

FleetSync® is a registered trademark of Kenwood Corporation.

Applicable MIL-STD

Standard	MIL 810C Methods/Procedures	MIL 810D Methods/Procedures	MIL 810E Methods/Procedures	MIL 810F Methods/Procedures
Low Pressure	500.1/Procedure I	500.2/Procedure I, II	500.3/Procedure I, II	500.4/Procedure I, II
High Temperature	501.1/Procedure I, II	501.2/Procedure I, II	501.3/Procedure I, II	501.4/Procedure I, II
Low Temperature	502.1/Procedure I	502.2/Procedure I, II	502.3/Procedure I, II	502.4/Procedure I, II
Temperature Shock	503.1/Procedure I	503.2/Procedure I	503.3/Procedure I	503.4/Procedure I, II
Solar Radiation	505.1/Procedure I	505.2/Procedure I	505.3/Procedure I	505.4/Procedure I
Humidity	507.1/Procedure I, II	507.2/Procedure II, III	507.3/Procedure II, II	I 507.4
Vibration	514.2/Procedure VIII, X	514.3/Procedure I	514.4/Procedure I	514.5/Procedure I
Shock	516.2/Procedure I, II, V	516.3/Procedure I, IV	516.4/Procedure I, IV	/ 516.5/Procedure I, IV

*To meet MIL 810 grade, the 2-pin connector cover has to be connected.



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