KENWOOD

ProTalk®

TK-2360ISV16P/3360ISU16P

COMPACT VHF/UHF FM 5 WATTS
INTRINSICALLY SAFE PORTABLE RADIOS

Kenwood's TK-2360ISV16P/TK-3360ISU16P 16 channel portable two-way radios deliver professional performance with ergonomic ease. Based upon a proven design the compact 5 watts ProTalk® has been expertly engineered to satisfy the toughest job requirements in Intrinsically Safe Areas, in all conditions, thanks to MIL-STD 810 & IP54/55 weatherproofing.

Features

16 Channels
27 VHF / 99 UHF Preset Frequencies
Compander
4-Color LED (Blue/Red/Green/Orange)
500 mW Audio Power
Enhanced Kenwood Audio
CSA-us Intrinsically Safe Model*

Compact Design

The rounded contours of the TK-2360ISV16P/3360ISU16P provide a superbly comfortable hold, while the non-slip elastomer channel knob with improved torque characteristics and an enlarged PTT button ensure positive tactile response during operation.

Tough & Water Resistant

Built to take rough treatment in stride, the ProTalk® has passed the demanding IP54/55 dust and water intrusion tests. It also meets or exceeds 11 stringent MIL-STD 810 C/D/E/F/G environmental standards, including "driven rain."

Intrinsically Safe Model

Approved for Classes I, II & III, Div. 1, Groups C, D, E, F, G and are also approved for non-Incendive use in Classes I, II & III, Div. 2, Groups A, B, C, D, F, G hazardous locations.

Enhanced Audio Quality

Success in business depends on smooth communications, but power output is not the only factor that determines audio clarity. As an experienced audio specialist, Kenwood has drawn on decades of expertise to ensure that the ProTalk®'s sound quality is undeniably clearer and crisper, as well as 500m watt audio output.

Frequency & QT/DQT (Narrowband Compliant)

Users can change a ProTalk® to any of the 16 preset frequencies and QT/DQT codes, thus assuring compatibility with other brands. The ProTalk® can choose preset frequencies from 27 for VHF, 99 for UHF bands and 39 QT tones, 168 DQT codes which must be provided and set by Kenwood.

For licensing information, please contact the FCC at http://www.fcc.gov

Accessories Included

- KNB-68LC Li-Ion Intrinsically Safe Battery
- KSC-25LSK Rapid Charger
- KBH-12 Spring Action Belt Clip
- Removable Antenna

Accessories

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

KNB-68L
Li-ion Battery (2,000mAh) Intrinsically Safe

KSC-256AK
Six Unit Gang Charger

KMC-45D
Speaker Microphone

KHS-8BL
2-Wire Palm Mic with Earphone (Black)

KHS-22A
Behind-the-head Headset with PTT

KBP-5
Battery Case

KRA-22/23
VHF/UHF Low Profile Helical Antenna

KMC-21
Compact Speaker Microphone

KHS-9BL
3-Wire Lapel Mic with Earphone (Black)

KLH-138
Leather Case

KSC-25LSK
Rapid Charger

KRA-26/ 27
VHF Helical Antenna
UHF Whip Antenna

KEP-2
Earphone Kit for KMC-45D (2.5mm plug)

KHS-7A
Single Muff Headset with In-line PTT

KBH-12
Belt Clip

Specifications

General	TK-2360ISV16P	TK-3360ISU16P
Frequency Range	27 (151-159 MHz)	99 (451-470 MHz)
Number of Channels	32	
Channel Spacing Wide/Narrow	12.5 kHz	
Power Supply	7.5V DC ± 20%	
Battery Life KNB-68L* (2000mAh)	(5-5-90 during hi-power battery saver: OFF/ON) Approx. 13 hours	
Operating Temperature	-22° F ~ +140° F (-30° C ~ +60° C)	
Frequency Stability	± 25 ppm (-22°F ~ +140°F)	
Antenna Impedance	50 Ω	
Dimensions Radio with KNB 68L	(W x H x D) Projections Not Included 2.2" x 4.1" x 1.18" (56 x 103.7 x 30.1mm)	
Weight Radio Only Radio with KNB-68L	5.75oz (163g) 10.05oz (285g) without antenna	
FCC ID	ALH415000	ALH415100

* Approved for Classes I, II & III, Div. 1, Groups C, D, E, F, G and are also approved for non-Incendive use in Classes I, II & III, Div. 2, Groups A, B, C, D, F, G hazardous locations.

Presets frequencies must be pre-programmed by Kenwood
Analog measurements made per TIA603. Specifications are measured according to applicable standards.
Specifications are subject change without notice, due to advancements in technology.

Receiver	TK-2360ISV16P	TK-3360ISU16P
Sensitivity Analog (12dB SINAD)	0.28 µV	
Selectivity	63 dB	
Intermodulation Distortion	68 dB	
Spurious Responce	70 dB	
Audio Distortion	Less than5%	
Audio Output Power	500mW / 8 Ω	

Transmitter	TK-2360ISV16P	TK-3360ISU16P
RF Power Output (High / Low)	5 W	
Spurious Responce	70 dB	
FM Hum & Noise	43 dB	
Audio Distortion	Less than 5%	
Emission Designator	11K0F3E	

MIL-STD & IP

MIL Standard	MIL 810C Methods/Procedures	MIL 810D Methods/Procedures	MIL 810E Methods/Procedures	MIL 810F Methods/Procedures	MIL 810G Methods/Procedures
Low Pressure	500.1/Procedure I	500.2/Procedure I, II	500.3/Procedure I, II	500.4/Procedure I, II	500.5/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	501.5/Procedure I, II
Low Temperature	502.1/Procedure I	502.2/Procedure I, II	502.3/Procedure I, II	502.4/Procedure I, II	502.5/Procedure I, II
Temperature Shock	503.1/Procedure I	503.2/Procedure I	503.3/Procedure I	503.4/Procedure I, II	503.5/Procedure I
Solar Radiation	505.1/Procedure I	505.2/Procedure I	505.3/Procedure I	505.4/Procedure I	505.5/Procedure I
Rain	506.1/Procedure I, II	506.2/Procedure I, II	506.3/Procedure I, II	506.4/Procedure I, III	506.5/Procedure I, III
Humidity	507.1/Procedure I, II	507.2/Procedure II, III	507.3/Procedure II, III	507.4	507.5/Procedure II
Salt Fog	509.1/Procedure I	509.2/Procedure I	509.3/Procedure I	509.4	509.5
Dust	510.1/Procedure I	510.2/Procedure I	510.3/Procedure I	510.4/Procedure I, III	510.5/Procedure I
Vibration	514.2/Procedure VIII, X	514.3/Procedure I	514.4/Procedure I	514.5/Procedure I	514.6/Procedure I
Shock	516.2/Procedure I, II, V	516.3/Procedure I, IV	516.4/Procedure I, IV	516.5/Procedure I, IV	516.6/Procedure I, IV
International Protection Standard					
Dust & Water Protection*	IP54/55*				

*To meet IP54/55, the 2-pin connector cover has to be connected on the radio or the locking bracket has to be attached to the external speaker microphone.

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