

KENWOOD

Listen to the Future



TK-361SA

Compact UHF FM Portable Radio

The compact model TK-361SA, Kenwood's latest envoy for professional grade job site portables sets the standard on ruggedness, features and performance. The perfect solution for construction, retail, hospitality, warehousing, industrial, facilities management and rental fleet applications. The modern design contours present a functional and attractive form factor.

COMPACT DESIGN

The ergonomic contours of the TK-361SA naturally fit the hand for a superbly comfortable hold. The non-slip elastomer channel knob ensures positive selection and resists accidental changing.

FREQUENCY & QT/DQT

TK-361SA has 5 pre-stored frequencies. And it has 39 QT tones and 83 DQT codes. Users can program them to any of the pre-stored QT/DQT's, assuring compatibility with other radios.

SUPER LOCK

User can use "Super Lock" to prevent accidental channel changes. "Super Lock" is still active even if the radio is turned off and on.

CALLING ALERT

Pressing on the Calling Alert key while transmitting causes an alert tone to sound from the other radio's speaker. This is a useful function to signal staff in noisy environments.

INTERNAL VOX/HANDS FREE READY

VOX (voice-operated transmission) is invaluable for specialized tasks or events that require repetitive hands-free communications. The radio itself provides automatic PTT action, so the user simply talks. VOX works with a Kenwood compatible headset.

TOUGH & WATER RESISTANT

Built tough for rugged work environments, the TK-361SA has been designed to pass industrial drop tests, international IP54/55 water and dust intrusion tests and 11 categories of the U.S. Department of Defense MIL-STD 810 C, D, E & F environmental standards tests.

2 WATTS TRANSMIT POWER / RANGE UP TO 10km

The TK-361SA offers 2 watts of power to enable direct radio to radio communication on the same frequency (simplex) for up to 10 km.

Operating Conditions

Open locations (no obstructions)	Up to 10 km
Residential areas (near buildings)	Up to 2.5 km
In steel/concrete reinforced buildings	Up to 23,000 m ²
In high rises	Up to 20 floors

Note: The listed ranges are based on field testing and may vary with your operating conditions and individual transceiver.

OTHER FEATURES

- Scrambler
- Scan
- Key Lock
- Battery Warning
- Monitor / Squelch
- 3 color LED indicator
 - Red: TX / Red Blink: Battery Warning
 - Green: RX Busy / Green Blink: Scan
 - Orange: VOX Setting



Options

■ **KMC-17**
Heavy-Duty
Speaker Microphone



■ **KHS-21**
Headset



■ **KMC-21**
Compact Low-Profile
Speaker Microphone



■ **KWR-1**
Water-Resistant Bag



■ **KHS-1**
Headset
with VOX/PTT



Supplied Accessories

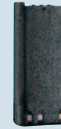
■ **KBH-10**
Belt Clip



■ **KRA-27**
UHF Whip Antenna



■ **KNB-30A**
1100mAh
Ni-Cd Battery



■ **KSC-31**
Charger
for the KNB-30A



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

TK-361SA	
GENERAL	
Frequencies	463.975 / 464.125 / 464.175 / 464.325 / 464.375 MHz
Number of Channels	8
Channel Spacing	12.5 kHz
PLL Channel Stepping	5 kHz, 6.25 kHz
Operating Voltage	7.5 V DC \pm 20 %
Battery Life (5-5-90 duty cycle) with KNB-30A battery (1100mAh)	Battery Saver off : Approx. 10 hours Battery Saver on and QT on : Approx. 13 hours Battery Saver on and QT off : Approx. 14 hours
Operating Temperature Range	-30°C ~ +60°C
Frequency Stability	\pm 2.5 ppm (-30°C ~ +60°C)
Antenna Impedance	50 Ω
Dimensions (W x H x D), Projections not included	
Radio Only	54 x 122 x 21.1 mm
with KNB-30A	54 x 122 x 33 mm
Weight (net)	
Radio Only	160 g
with KNB-30A	340 g

TK-361SA	
RECEIVER (Measurement made per TIA/EIA603)	
Sensitivity (12dB SINAD)	0.25 μ V
Selectivity	65 dB
Intermodulation Distortion	65 dB
Spurious Response	60 dB
Audio Power Output	500 mW at 8 Ω less than 10% distortion
TRANSMITTER (Measurement made per TIA/EIA603)	
RF Power Output	2 W / 1 W
Spurious and Harmonics	65 dB
Modulation	11K0F3E
FM Noise	40 dB
Audio Distortion	Less than 5 %

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

Applicable MIL-STD & IP

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	500.3/Procedure I	500.4/Procedure I, II
High Temperature	501.1/Procedure I, II	501.2/Procedure I, II	501.3	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
Rain*	506.1/Procedure I, II	506.2/Procedure I, II	506.3/Procedure I, II	506.4/Procedure I, III
Humidity	507.1/Procedure II	507.2/Procedure II	507.3/Procedure II	507.4
Salt Fog	509.1/Procedure I	509.2/Procedure I	509.3/Procedure I	509.4
Dust	510.1/Procedure I	510.2/Procedure I	510.3/Procedure I	510.4/Procedure I, III
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
International Protection Standard				
Dust & Water Protection	IP54/55*			

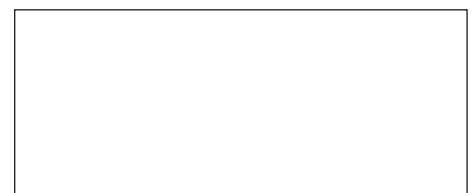
*To meet MIL 810 and IP grade, the 2-pin connector cover has to be connected.

Kenwood has always connected with people through sound. Now we want to expand the world of sound in ways that only Kenwood can, listening to our customers and to the pulse of the coming age as we head toward a future of shared discovery, inspiration and enjoyment.

KENWOOD

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YOUR LOCAL DEALER



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