

KWSA50K

ULTRA-RUGGED PTT COMMUNICATION DEVICE

For those who protect, who provide, who build - handset failure is not an option. That's why the KENWOOD KWSA50K is built to meet the industry's toughest standards, KENWOOD Rugged Performance Standards. KWSA50K is ultra-rugged and ultra-reliable for use in operation critical situations. Communicate securely with Handset Powered Audio Accessories connected through the Secure Audio Connector. Install, manage and control communications more efficiently with Hassle-Free Deployment and the SCOUT Enterprise XPerience (Powered by Sonim) and enjoy all-day power with Multi-shift Battery Life. The Kenwood KWSA50K is built to meet the toughest industry standards for everyday use and business critical system integration.



Features

- Unlocked GSM LTE Device
- Proprietary Operating System
- 2GB RAM / 16GB ROM
- 10GB Available User Memory
- Dedicated Keys:
 - Push-to-talk
 - Volume Up / Volume Down
 - Emergency Key
 - Navigation
 - DTMF Keypad
- 2.6" TFT Display in Gorilla Glass 1
- 100dB+ Dual Loud Speaker
- 3 Mic Solution with Noise Cancellation
- Nationwide Connectivity to Your Core Radio System (Optional)
- 5MP FF Rear Camera with Flash
- Wi-Fi : IEEE802.11 a/b/g/n/ac/e/k/r/h 2.4/5GHz
- Built-in Bluetooth 4.2 with BLE
- Built-in GPS
- MIL-STD-810G
- IP68



- PTT Key
- Dedicated Emergency Key
- Powered Audio Interface w/ Locking Mechanism
- Glove Friendly Tactile Keys
- MDM Ready



Ultra Rugged

Built to resist extreme environments caused by shock, pressure, puncture, and chemicals.



3G/4G LTE Connectivity

.Powered audio interface locking mechanism.



GSM

.Global System for Mobile Communications.

Specifications

Core Platform/Functions	KWSA50K
Operating System	Proprietary OS
Chipset	MSM8920 Quad core 1.4GHz
Band	LTE: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/ B25/B26/B28/B30/B38/B41/B66 UMTS: B1/B2/B4/B5/B8 CDMA/EVDO ¹ : BC0/BC1/BC10 GSM: 850/900/1800/1900MHz
Antenna	MIMO antenna for LTE
Wi-Fi	IEEE802.11 a/b/g/n/ac/e/k/r/h 2.4/5GHz
Memory	2GB RAM/16GB ROM 10GB available user memory Supports up to 128GB MicroSD external memory
Preloaded Applications	SCOUT(Powered by Sonim)

Connectivity	KWSA50K
Bluetooth	BT4.2 with BLE
Messaging	SMS, MMS (Text, Image, Audio, Video)
GPS	GPS, GLONASS
Sensors	Accelerometer, Barometer
Languages Supported	English, Spanish, Canadian French ³

Battery	KWSA50K
Capacity	3180mAh Li-ion

Display	KWSA50K
Size/Type	2.64in TFT Gorilla Glass 1
Resolution	320 x 432
Colors	262K

1 CDMA/EVDO available for certain carriers only.
2 Please check with your service provider for availability.
3 Language availability based on region.

Physical Characteristics	KWSA50K
Size (W x H x D) (Exclude protrusion)	141mm x 66mm x 23mm
Weight	270g
Dedicated Buttons	PTT, Volume Up/Down, Emergency
Ports	Optional connector(for future options), USB-C, Secure Audio Connector, Charging Pins, Dual Nano SIM Slots
Rugged Certifications	Class I, Div 2, Groups A, B, C, D; Class II & III, Div 2, Groups F, G,
MIL-STD / IP Rating	MIL-STD-810G / IP68

Audio	KWSA50K
Microphone	3 mic solution with noise cancellation
Speaker	Dual front-facing loud speakers; output 100dB+
HAC	M3/T4 Hearing Aid Compatible

Multimedia	KWSA50K
Audio Formats	AMR-NB, AMR-WB, AAC, AAC+, AAC+V2, MP3
Video Formats	3GP, MP4, WMV, AVI, MOV, MPEG-2, MPEG-4, H.263, H.264
Graphic	JPEG, PNG, BMP
Media Player	Yes
FM Radio	Yes
Camera	5MP FF Rear Camera with Flash
LED Torch Light	Yes

Inbox Accessories	KWSA50K
	Battery, Wall Charger, USB-C Cable, Screwdriver, Quick Start Guide

Specifications are subject change without notice, due to advancements in technology.
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