

Scene Management

CREWCOM
Hands-free Wireless Communications



Portable Wireless Communications: CrewCom Can Meet Your Demands for Quality Communication

The CrewCom system provides constant communication, allowing users to operate hands free. In law enforcement and public safety, it is important to have a reliable communication system that improves safety and efficiency.

When working a crime scene, inspecting potentially hazardous material or ensuring the safety of those around you, having your hands free at all times is vital. You shouldn't worry about moving away from evidence or harmful substances to grab a radio, cell phone or push buttons to talk. With the CrewCom system, you have reliable, secure, constant communication while staying focused on the task at hand.

The CrewCom system is ideal for your department, because it features:

- Hands-free communication
- Multiple headset options to best suit your needs
- License-free technology
- High-noise environment functionality
- Multiple users able to speak hands-free
- Dual channel
- Secure connection
- Up to 14 hours of use with the built-in rechargeable battery



- Speak without having to push buttons
- Increase Safety
- No license required
- Allows for multiple users to speak hands-free in full-duplex
- Supervisor or other personnel can change communication from one group to another group simply and quickly
- Up to 14 hours of use with the built-in rechargeable battery
- 2.4GHz all-digital technology
- Lightweight, comfortable design
- Works well in loud environments, reduces background noises
- Multiple headset options to fit every need
- Functional range of 1000 ft.

Command Center



Headset



Beltpack



Specifications

CrewCom™ System

RF Frequency	2400 to 2483 MHz
RF Scheme	FHSS with TDMA
Effective Radiated Power	100 mW (using 2dBi antenna)
Receiver Sensitivity	-93 dBm for 10 ⁻⁵ BER
Radio Certification	FCC Part 15.247 and ETS 300.328 rules, license free
Transmission Range	Up to 1000 Feet with clear line of site under ideal conditions, 550 Feet under normal operating conditions, 850 Feet with Optional Directional Antenna under normal operating conditions
Audio Frequency Response	300 Hz–4kHz with proprietary audio voice shaping



Command BaseStation

Intercom Audio Channels	2
Full Duplex BeltStations per BaseStation	5
Number of Antenna ports per BaseStation	1
Antenna Connector Type	RP-TNC
Maximum Number of BaseStations	2
Expansion Port	2 per BaseStation
Front-Panel Headset Microphone Type	Dynamic or Electret, auto-selected
Dimensions (inches)	6" W x 3.25" H x 4" D
Weight	2 lbs 12 oz (including batteries)
Internal Battery Life	Approximately 14 hours continuous use
Power Input	
AC:	120 VAC 60 Hz
DC:	5 VDC using supplied charger

BeltPack

Intercom Audio Channels	2
Headset Connector	4-pin male
Headset Connector Type	XLR-4M
Antenna	Internal +2dBi patch
Charger	Input 120V,60Hz, Output 5V, 2.0A
Battery Life, Rechargeable	Approximately 14 hours
Dimensions (inches)	3.8" W x 5.28" H x 1.15" D
Weight	10 oz
Operating Environment	-40 to 70 C, 20% to 90% Humidity

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CrewCom Vs. Competition

Unlike walkie-talkies or cell-phone-connect systems, CrewCom offers instantly available, telephone-like 2-way communication to multiple users, with interference-free clarity, digitally secured private conversations, and up to 14 hours of continuous talk time.

	Hands Free	Talk Time (hours)	Private Secure Conversation	Talk Channels	Full 2-way	Users in a Loud Area	License Free	Automatic Frequency Selection	All Digital	Instant Connect	Always Ready/ Usable	Requires Monthly Subscription
CrewCom	Y	14	Y	2	Y	9	Y	Y	Y	Y	Y	N
Walkie Talkie	N	—	N	1	N	1	N	N	N	Y	N	Sometimes
Cell Phone	N	3-4	Y	1	Y	1	Y	Y	Y	N	N	Y



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