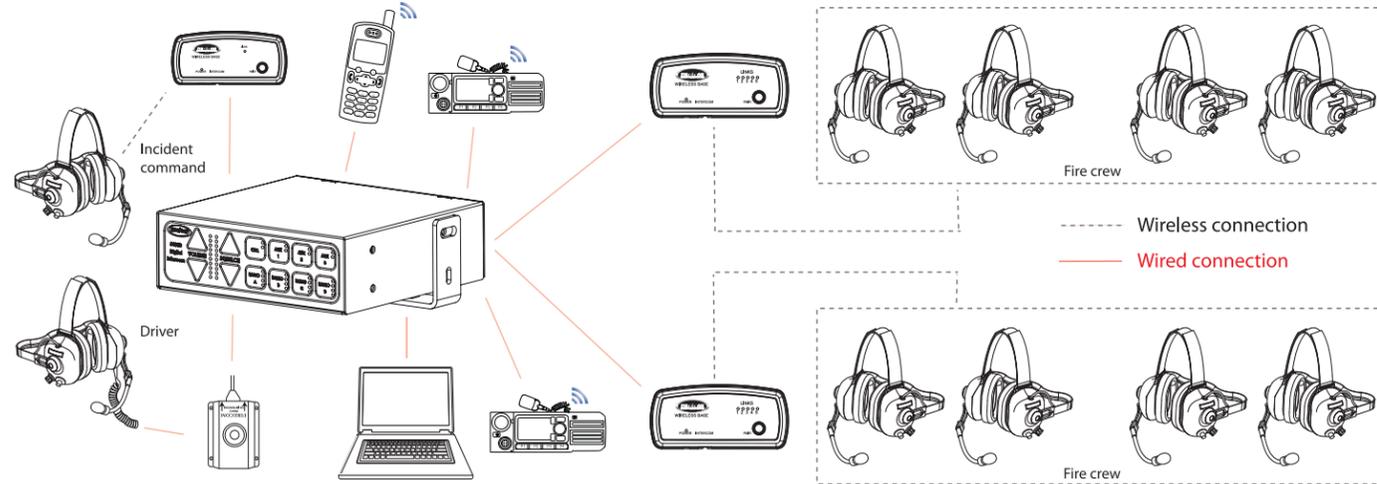


Firecom 5000D Series

Digital Intercoms

Sample configuration



Specifications

Specification	Digital intercom	Remote head
Weight	2.4 lbs (without bracket)	7 oz
Dimensions	6.6"D x 6.1"W x 2.0"H (with bracket)	0.5"D x 7.2"W x 3.1"H
Performance	Digital encoding; supports mix of up to 10 wired headsets and/or wireless base stations	Duplicates intercom
Power	11-30VDC; 1A at 12V nominal	Supplied by intercom; 80mA per head (add to Intercom fuse rating)
Operating temperature	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)
Storage temperature	-40°F to 185°F (-40°C to 85°C)	-40°F to 185°F (-40°C to 85°C)
Ingress protection	Not applicable	IP67: impervious to dust and watertight at 1 meter immersion
MIL-STD		
Humidity	Per 810F and 810G	Per 810F and 810G
Temperature shock	Per 810F and 810G	Per 810F and 810G
Chemical exposure	Not applicable	Per 810F and 810G
SAE		
Vibration	Per J1455 Sec. 4.9	Per J1455 Sec. 4.9
Conducted immunity	Per J1113-11	Per J1113-11
Electrostatic discharge	Per J1113-13	Per J1113-13
Radiated emissions	Per J1113-41	Per J1113-41
Radiated immunity	Per J1113-21	Per J1113-21
Salt spray	Not applicable	Per J1455 Sec. 4.3
ISO		



5100D Digital Intercom



5200D Digital Intercom



5300D Digital Intercom



5400D Digital Intercom



5400D Digital Remote head
Also available for 5100D-5300D models



Firecom 5400D Digital Intercom

40 firefighters
8 different devices
1 company that can bring them all together



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The future of fire communications has arrived.

ACTUAL SIZE



Firecom 5400D Digital Intercom

Firecom's new digital intercom

The future of fire communications in the palm of your hand!

Packed with features the competition can't match. We've used the latest integration technology to connect up to **eight communication devices in a single system**. Firecom's digital intercom lets you monitor and transmit on up to four radios at the same time. Plus, you'll find a dedicated cellular port and three auxiliary ports to connect virtually any kind of communication device: GPS, MP3, or even a laptop computer.

Keeps the largest crews in touch. All this capability comes in a package that's even smaller than our previous units. With 10 RJ25 ports on the Model 5400D, up to **40 crew members** can stay in constant contact with incident command, dispatch, and neighboring agencies, no matter what kind of equipment they're using. Wired or wireless, digital or analog, Motorola, Kenwood, and Bendix to Vertex . . . they're all the same to Firecom.

Takes your existing equipment to the next level. Our digital intercoms are plug-and-play compatible with existing Firecom equipment. Your current equipment investment is fully protected.



Firecom has the right intercom to fit your needs

Connections	5100D	5200D	5300D	5400D
Wireless bases	6	8	10	10
Headsets (max)	24	32	40	40
Radios	1	2	3	4
Auxiliary devices	1	2	3	4

(800) 527-0555

www.firecom.com



Palm-sized command center

Firecom leads the competition again with the **only** intercom on the market that simultaneously connects up to four radios and four auxiliary devices, including a dedicated cell phone connection for HIPAA-compliant communication.

- Integrates with your existing Firecom equipment — no need to buy new headsets or radios
- Compatible with more than 400 different makes and models of radios
- Switch or combine communication devices with the push of a button
- Solves many local interoperability issues



Clear communication for crews of two to 40

Extend the functionality of your existing headsets while connecting up to 40 crew members per intercom. Add wireless headsets by simply plugging a wireless base station into one of the intercom ports and your existing wired headsets into the others.

- All intercom ports use heavy-duty flat cable with differential signaling for added reliability
- All crew members can talk to each other and monitor up to eight operator-selected communication devices
- Independent squelch settings for wired headsets
- Ask us about custom configurations to control communication flow



Dimensions:
6.6"D x 6.1"W x 2.0"H

Installs in minutes, not hours

Digital technology yields a footprint that installs quickly in tight spaces. Whether placed in the headliner or on the dashboard, the intercom is designed to be easily accessible when you need it, and out of the way when you don't.

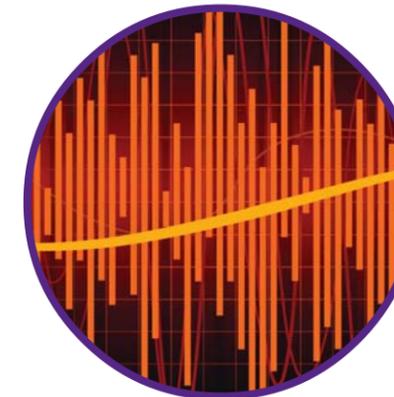
- Simple hand tools are all you need for installation — no soldering required.
- Installs in as little as 30 minutes
- All interface adjustments are programmed from the front panel — no need to remove the unit



Waterproof remote works wherever you do

With Firecom's remote head, there's no need to stay in the cab to monitor the system. The remote head duplicates all intercom controls in a waterproof unit that can be mounted anywhere on the apparatus — up to 1000 feet from the intercom.

- Ingress Protection Rating of 67
- Virtually impervious to water, dust, and all kinds of weather
- Meets tough military specifications for humidity, chemical exposure, and temperature shock — from -40° F to 176° F
- Meets or exceeds SAE standards for vibration, conducted and radiated immunity, electrostatic discharge, and salt spray



Say good-bye to system noise

System noise can interfere with voice transmissions, especially when analog intercoms are wired to "dirty" power sources, such as vehicle alternators. During start-up or idling, a diesel engine's electrical output can drop below 12 volts, but Firecom's digital intercom works on as little as 11 volts, ensuring clear communication even if the system is powered by an older engine or noisy alternator.

- Digital processing improves sound quality — even from analog inputs
- Digital filtering eliminates interference from Kussmaul chargers and similar units, ensuring clear communication for the *entire* run



Easy-touch controls

Firefighters have told us that bulky turnout gloves often make it difficult to operate communication systems. That's why we designed the digital intercom with large, soft-touch buttons rather than knobs. Only Firecom lets you adjust volume, set squelch, and switch radios on the fly without removing a single piece of turnout gear.

- Front panel uses simple red, blue, yellow, and green LED lights to monitor the entire system — even in the dark
- Independent volume and squelch settings are also indicated by LED lights for easy at-a-glance monitoring — no more squinting at hash marks on a control knob