



Setcom



Fire Communications

Firefighters have relied on Setcom's communications equipment for over forty years. A pioneer in the field, Setcom is still an industry leader because it works with users to develop the kind of innovative, tailor-made products professionals depend on. Public safety professionals in all fifty states, most major U.S. cities, and more than twenty countries worldwide rely on Setcom.

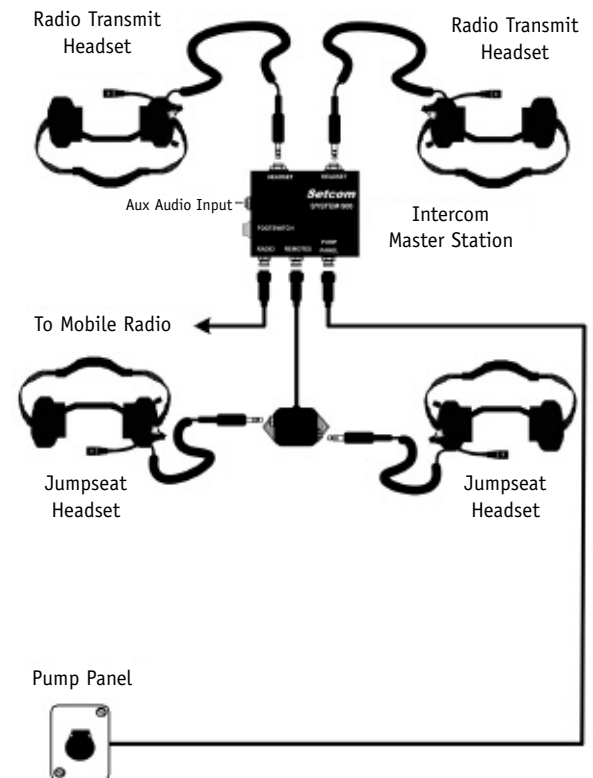
Tradition of Quality, Experience and Innovation

- **Premier communications systems** and accessories for all widely-used portable and mobile radios.
- **Outstanding quality and durability; time-tested designs:** Setcom's products have been designed, engineered and assembled in the USA for 40 years. Thousands of firefighters rely on Setcom's equipment every day.
- **Meticulous attention to quality:** No product leaves Setcom without being fully tested. Your satisfaction is our highest priority.
- **Customer-driven innovation:** Setcom will work with you to develop a system that meets your needs.
- **Generous demo program** allows you to put Setcom's products to the test, risk-free.

Unequaled Service and Support

- **Dedicated technical support** available 55 hours every week.
- **Responsive, in-house service department,** combined with fully repairable parts and components, decreases your lifetime cost of ownership.
- **Two-year warranty** on system components and workmanship.

Representative Intercom System



Major Product Offerings

Intercoms Setcom has an intercom system for nearly every emergency vehicle. Over one thousand structural fire departments and the majority of major aircraft rescue firefighting (ARFF) departments depend on Setcom's equipment.

Headsets Setcom offers a variety of headsets for high, medium and low-noise environments.

Over the years Setcom has solved difficult communications problems by making products for unique applications. If you have a challenging communications problem, please call. Chances are Setcom has, or can craft, a product that will meet your needs.

System 900



650-965-8020 www.SetcomCorp.com

Setcom

System 900

Setcom's most popular and versatile intercom, developed specifically for firefighters.

The System 900's simplicity of design cuts costs, not corners:

- With outstanding durability and a 17-year legacy, the System 900 is a top-quality intercom that has been put to the test by over 1,000 fire departments.
- This modular system accommodates up to three radios, ten firefighters and fourteen positions, including eight intercom positions.
- Plug and play components and the fewest components of any leading system make the System 900 easy to install, saving you time and money.
- Repairable parts decrease the lifetime cost of ownership, and fast repair turnaround decreases downtime.
- Setcom stands behind every system with dedicated technical support staff and an in-house service department.

Specifications

Master Station	<ul style="list-style-type: none">• Full-duplex intercom, allowing normal conversation among firefighters• All firefighters hear both radio and intercom traffic• Protection against radio frequency interference (RFI), electro-magnetic interference (EMI) and ground loops• Audio input jack allows crew to enjoy entertainment audio in non-emergency situations• Available with optional driver's and officer's footswitches
Headsets	<ul style="list-style-type: none">• Noise reduction rating (NRR) of 24dB, meeting NFPA 1500• Wireless option available (see insert for more details)• Volume controls and push-to-talk (PTT) buttons in the headsets make the system easy to install, use and repair• Radio PTT in headsets keys the radio; only the keying headset transmits over the radio• Radio transmit headsets are always live on the intercom; available with portable radio adapter cables (PRACs) for use with portable radios• Intercom PTT in jumpseat headsets permits intercom access and prevents unwanted noise from vacant positions• 15-foot coil-cord eliminates the need for extension cables• Cadmium-bronze, coil-cord conductors prevent broken conductors and intermittent audio
Speakers	<ul style="list-style-type: none">• Rigidly mounted in the headset to prevent broken leads• Specifically designed for radio traffic in the voice frequency range
Microphone	<ul style="list-style-type: none">• Waterproof, amplified microphone provides excellent noise cancellation, a superior signal-to-noise ratio and clear voice transmission• Flexible-boom with counter-wound beryllium-alloy springs resists work-hardening and fatigue
Cabling	<ul style="list-style-type: none">• Double shielded cabling (one shield on the microphone line and another on the overall cable) prevents radio frequency and electro-magnetic interference• Interconnecting cables are fitted with waterproof connectors
Warranty	<ul style="list-style-type: none">• Two years

Components: The System 900's versatile components make it suitable for most fire apparatus.



Master Station



Jumpseat Extension Station



Pump Panel/Tailboard Station



CSB Series Headset

Intercoms



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Setcom

Intercoms

Setcom makes an intercom system for nearly every emergency vehicle, all backed by quality and service that you can rely on.

Wireless headsets available for Intercom systems below. See headset information page.



System 900E



System 920



System 922



System 1310



System 1600

System	Application	Description
900	Engines and Other Apparatus	Setcom's most popular and versatile intercom, the System 900 was developed specifically for fire fighters. Its simplicity of design cuts costs, not corners. Its quality is second to none. Its plug and play components ensure easy installation.
900E	Engines, Rescues and Other Apparatus	The System 900E has all of the features of the System 900, with one added benefit. It allows two additional crew members, for a total of four, to transmit over the radio.
920	Aerials	With its weatherproof enclosure, the System 920 provides intercom and radio access to firefighters at the turntable and in the basket of an aerial. The system uses only three or four aerial collector ring conductors.
922	Engines, Rescue Boats and Open-Air Vehicles	Setcom's System 900 fitted in weatherproof boxes, with gasketed lids for the headset jacks. Ideal for rescue boats and other outdoor applications.
922E	Engines, Rescue Boats and Open-Air Vehicles	Setcom's System 900E fitted in weatherproof boxes, with gasketed lids for the headset jacks. Ideal for rescue boats and other outdoor applications.
1310	ARFF Apparatus	With its unique split audio feature, the System 1310 is the standard for ARFF Apparatus. It allows ARFF professionals to hear the intercom and fire dispatch radio in one ear and the tower radio in the other.
1600	ARFF Apparatus and Command Vehicles	A four-person, six radio intercom, the System 1600 is ideal for Command Vehicles. It allows crew members to select, monitor and transmit over all six radios.



Headsets

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Setcom

Headsets

Setcom offers a variety of headsets for high, medium and low-noise environments.

Setcom's headsets feature:

- Outstanding quality and durability
- Compatibility with the full range of Setcom intercom systems
- Wireless and wired options available
- Refurbishment program which dramatically extends useable life, even in the most demanding environments
- Variety of volume control and push-to-talk options:
 - When used with a Setcom intercom system, the volume control(s) and push-to-talk button(s) are typically either located in the headset or integrated into the intercom system's master or remote stations.
 - For single headset applications, volume control and push-to-talk button are offered in a number of designs, including in the headset and in-line.

Headset Alternatives

Liberator Wireless Headsets

- "Instant On" - Advanced motion sensor technology has been integrated into the Liberator headset
- Up to 1200 ft range. Typical Range 300ft.
- Up to 30 hours of continuous talk time allows for more uses with fewer charges
- Available in Behind-the-Head styles
- 128-bit Encrypted wireless link for maximum security

CSB Series Headsets

- Premium dual-speaker headset with a noise reduction rating of 24db
- Cut-away ear cups allow headset to be worn under most helmets
- Waterproof, flexible-boom microphone provides excellent noise cancellation, a superior signal-to-noise ratio and clear voice transmission
- The standard for most System 900 and 922 applications

8B Series Headsets

- Premium dual-speaker headset with a noise reduction rating of 24db
- Over-the-head headband and innovative noise insulation contribute to a lightweight headset that is more comfortable than most high-noise headsets
- Microphone swivels 270 degrees allowing headset to be worn right or left dress (except with Setcom's System 1310)
- Waterproof, flexible-boom microphone provides excellent noise cancellation, a superior signal-to-noise ratio and clear voice transmission
- The standard for most System 1310 applications as well as other extended-use applications in high-noise environments

5B Series Headsets

- Rugged, lightweight single-speaker headset for low-noise environments
- Extremely comfortable for extended-use applications such as dispatch or command centers as well as EMS patient care
- Swivel boom allows headset to be worn right or left dress
- Waterproof, flexible-boom microphone provides excellent noise cancellation, a superior signal-to-noise ratio and clear voice transmission



Liberator Wireless Headset



CSB Series Headset



8B Series Headset



5B Series Headset

Liberator Wireless Headset

Setcom Corporation brings you the next generation of headsets for fire apparatus intercom systems. Beyond its state-of-the-art features, our wireless headset is the most functional and durable wireless headset available.

The Liberator Wireless Headset Features:

- Backward compatible with existing wired Setcom 900 and 1300 systems
- Installs within minutes on Setcom 900 and 1300 ARFF systems
- Backward compatible with all major fire apparatus intercom systems from other vendors
 - Installs within minutes on other systems

Specifications

- Up to 1200 feet of range (line of sight). Typical range 300ft.
- "Instant On" – No need to turn the headset on and off. Advanced motion sensor technology has been integrated into the Liberator Headset. Headset shuts down after 15min of inactivity and will automatically turn back on when the firefighter grabs the headset.
- Up to 30 hours of continuous talk time allows for more uses with fewer charges
- Encrypted 128-bit wireless link for maximum security
- Elimination of some cables reduces intercom installation time and cost
- Ability to integrate portable radio into the headset allowing the firefighter to simultaneously communicate over 2 radio channels. (Fire ground and Dispatch)
- Premium dual-speaker headset with noise reduction rating of 24dB
- Heavy-duty and durable design to extend life in a demanding environment
- Available in Behind-the-Head Style
- Will operate while plugged into vehicle's power

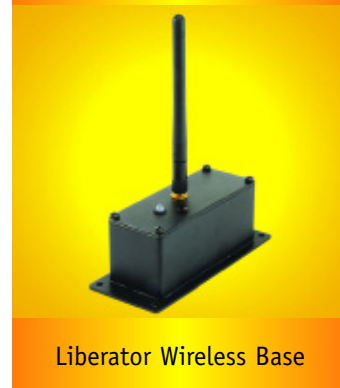
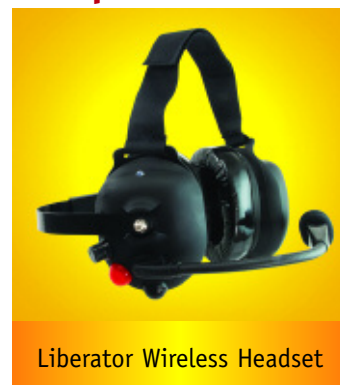
Wireless Applications and Uses

- Pump-panel
- Ladder
- Incident scene / fire ground
- Tailboard
- Aerial platform or basket
- Brush truck / wildland fire apparatus

Warranty

- Two years

Components



Compatible with these Setcom Systems:



900 & 900E Intercom



922 & 922E Intercom



1300 Intercom

System 1310



System 1310

Designed in partnership with one of the nation's largest aircraft rescue firefighting (ARFF) departments, Setcom's System 1310 is the premier dual radio system and a standard among major U.S. airports.

The System 1310 addresses the communications challenges of ARFF departments like no other system:

- The system's unique split audio feature allows you to clearly distinguish between simultaneous traffic on two radios.
- Intercom traffic and fire dispatch radio in the left ear; airport tower radio in the right.
- Split audio eliminates switching between radio channels and minimizes the loss of critical radio transmissions.
- Setcom stands behind the system with dedicated technical support staff and an in-house service department.

Specifications

Master & Remote Stations	<ul style="list-style-type: none">• Separate radio circuits allow simultaneous transmission on both radios from different stations• Sophisticated electronics prevent two crew members from transmitting on the same radio at the same time• On-off switch and volume control for each radio• Panel lights indicate when a particular radio is keyed by any crew member• Heavy-duty, three-position push-to-talk (PTT) switch: Center position for "monitor", left for fire radio and right for tower radio• Full-duplex intercom, allowing normal conversation among firefighters• Audio input jack allows firefighters to listen to music in non-emergency situations• Protection against radio frequency interference (RFI), electro-magnetic interference (EMI) and ground loops
Headsets	<ul style="list-style-type: none">• Split audio: Intercom traffic and the fire radio on one speaker and the airport tower radio on the other• Noise reduction rating (NRR) of 24dB, meeting NFPA 1500• Wireless option available (see insert for more details)• 6-foot coil-cord eliminates the need for extension cables• Cadmium-bronze, coil-cord conductors prevent broken conductors and intermittent audio
Speakers	<ul style="list-style-type: none">• Rigidly mounted in the headset to prevent broken leads• Specifically designed for radio traffic in the voice frequency range
Microphone	<ul style="list-style-type: none">• Waterproof, amplified microphone provides excellent noise cancellation, a superior signal-to-noise ratio and clear voice transmission• Flexible-boom with counter-wound beryllium-alloy springs resists work-hardening and fatigue
Cabling	<ul style="list-style-type: none">• Double shielded cabling (one shield on the microphone line and another on the overall cable) prevents radio frequency and electro-magnetic interference• Interconnecting cables terminated with locking connectors for easy installation and maintenance
Warranty	<ul style="list-style-type: none">• Two years

Components: Setcom has developed components to suit every situation and will gladly configure a System 1310 for your needs.



Master Station



8B Series Headset



CSB Series Headset