



Wireless and wired headset communication systems for enhanced safety, hearing protection and clear communication



FIRE/EMS VEHICLE COMMUNICATION SOLUTIONS



WWW.DAVIDCLARK.COM

DAVID CLARK COMMUNICATION SYSTEMS FOR FIRE/EMS PERSONNEL

Every second counts, both en route and at the scene. There's no time for repeating commands and no margin of error for miscommunication. That's why thousands of fire departments and EMS personnel rely on our communication solutions. David Clark wireless and wired systems feature durable, quality-made headsets and related system components to provide clear communications above the roar of engines and sirens to enhance the safety and performance of firefighting and EMS professionals.



WIRELESS SERIES 9900



WIRELESS MOBILITY PROMOTES SAFETY FOR FIRE/EMS OPERATIONS

David Clark Series 9900 Wireless Headset Communication Systems provide maximum freedom and mobility as well as clear communication for fire apparatus and emergency vehicles. Crew members move about freely and easily without being tethered to a fixed position. Communication is clear and safety is dramatically improved.

Wireless systems are compatible for use with existing David Clark Company Series 3800 wired intercom systems and with most HF, VHF and UHF radios.



SYSTEM COMPONENTS: HEADSETS

H9940

- Behind-the-Head
- Dual Ear Noise Reduction Rating: 23dB

H9941

- Behind-the-Head
- Single Ear (Slotted Dome)
- Audible Ambient Sound



Features



- Rugged construction, all hardware marine-grade stainless steel
- Dynamic earphones with stainless steel retainers
- Improved M-2 advanced noise-cancelling microphone
- Water-tight volume controls
- Undercut, 'Comfort-Gel' ear seals cradle the ear for secure yet comfortable fit
- Adjustable overhead support assembly
- Many other headset styles available

Visit www.davidclark.com/wireless for complete wireless headset listings and specifications



WIRELESS SERIES 9900

SYSTEM COMPONENTS: GATEWAY

The U9922-G38 Gateway acts as a relay for all audio between Belt Stations and existing wired intercom system (Series 3800).

U9922-G38

3800 Gateway



M-RIM

Multi-Radio Interface Module



Visit www.davidclarkcompany.com/fire-rescue/specialty-modules.php for more information about Specialty Modules



SYSTEM COMPONENTS: BELT STATIONS

Belt stations transmit and receive all system audio, to and from the Gateway and user's headset.

U9910-BSW

Ideal for engineers, officers, or other personnel requiring radio transmit capability



- Hands-free, full-duplex, voice-activated (VOX) intercom communication
- EU version available: U9910-BSW (EU)

U9913-BSW

Perfect for jump seat applications requiring intercom-only communications (no radio transmit capability)



- Same as U9910-BSW, except PTT acts as VOX override only (no radio transmit capability)
- EU version available: U9913-BSW(EU)

Features

- Hands-free, full-duplex intercom
- Provides range of up to 300 feet (line-of-sight) to all linked Belt Stations
- Several Gateways can be tied together to expand the number of wireless users
- Multiple independent Gateways operate in same RF vicinity with no cross-talk
- Compatible for use with most mobile radios
- Easy, seamless integration to existing 3800 systems
- Can also be used as a stand-alone intercom system for up to 4 wireless users
- EU version available: U9922-G38(EU)

Features

- Marine-grade radio interface for up to four mobile radios
- Expands the number of radios used with Series 3800 systems or U9928-G38 Gateways
- Corrosion and weather resistant
- Receive audio from all radios is summed together
- Individual toggle switches for separate radio receive on/off
- Internal audio level adjustments for each radio
- Four-position rotary switch to select radio transmit
- Surface-mount kit included; optional flush-mount kit available (M9840FM)

Features

- Accommodates any Series 9900 wireless headset
- DECT-based technology provides secure signaling and prevents unwanted 'cross talk'
- Marine-grade, water-tight, impact-resistant enclosure for rugged durability and reliability
- Audible voice prompts confirm link, range and battery status
- Rubberized outer skin provides impact protection and is oil, water and UV resistant (color varies by model)

Visit www.davidclark.com/wireless to see complete specifications for all Series 9900 Gateways and Belt Stations



U9925-GEM

Gateway Expansion Module

The U9925-GEM Expansion Module allows up to four 3800 Gateways to operate as a single wireless system for up to 16 users.



Features

- Interface for up to four 3800 Gateways
- Eliminates the need for a wired system component for wireless-only systems of more than four users
- Power from 8-32 VDC source via **C98-20PW** Power Cord (20 ft. length)
- Weather-resistant enclosure
- Water-tight, marine-grade connector assemblies

WIRELESS SERIES 9900



SYSTEM COMPONENTS: CORD ASSEMBLIES

The Series 9900 Wireless Communication System is complemented by a variety of cord assemblies offering interface options to other wired or wireless system modules, mobile radios or DC power sources. Rugged, weather-proof MS connectors offer reliability and ease of installation.



C99-22PW POWER CORD



- Used with U9922-G38 for a stand-alone wireless system for up to four users
- 20 ft. length with connection to U9922-G38 system input and 8-32 VDC power

C98-20PW POWER CORD



- Used with U9925-GEM for multiple Gateway stand-alone wireless systems
- 20 ft. length with connection to U9925-GEM power input and 8-32 VDC power

C99-20MS GATEWAY INTERFACE CORD



- Used to connect up to four U9922-G38 units to a U9925-GEM, for a stand-alone wireless system for up to 16 users
- 20 ft. length with connection to U9922-G38 and U9925-GEM system inputs

C38-XX JUMPER CORD



- Used to interface U9922-G38 and Series 3800 system components
- Available in -12, -25, -35, -50, -75 and -100 ft. lengths (number after dash indicates length in feet)

C3821 RADIO INTERFACE CORD

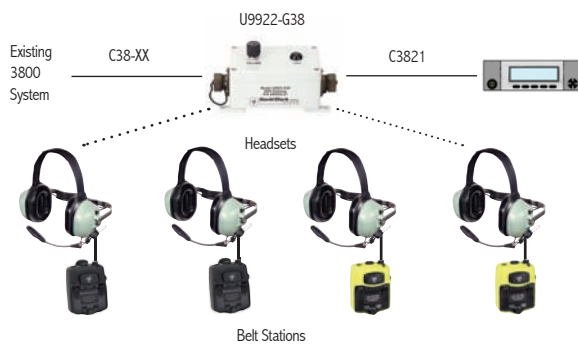


- Connects Gateway and Series 3800 Radio Interface Modules to mobile radios
- 21 ft. length with connection to Gateway or Series 3800 radio input

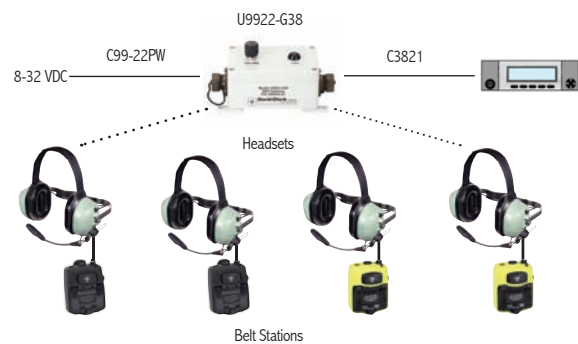
Visit www.davidclark.com/wireless for complete cord specifications and installation instructions



SYSTEM CONFIGURATION (3800 RETROFIT)



SYSTEM CONFIGURATION (STAND ALONE)



BATTERY CHARGER: A99-14CRG 1



- Accommodates 4 each Li-Polymer Batteries
- LED indicators for individual charge status
- Fully charge batteries in 3-4 hours

DC Power Cable Kits:

- C99-14DC1 (12VDC), 20 ft.
- C99-14DC3 (12VDC), 10 ft.
- C99-14DC2 (24VDC)



Li-Polymer batteries (p/n 40688G-90) provide up to 24 hours continuous use when fully charged.

NOTE: Chargers are not sealed units, and are not intended for installation in wet or corrosive environments.

SERIES 3800 VEHICLE INTERCOM SYSTEM

David Clark **Series 3800 Wired Vehicle Intercom Systems** enable personnel to communicate clearly during call response and at the scene — without interference from engine noise and sirens. They include the option of connecting to mobile radios, allowing all personnel to hear all radio traffic and enabled positions to transmit over the radio. Modular design reduces costly downtime on installation or module replacement. All system components are weather-tight for reliable performance under severe conditions. The Series 3800 also provides versatility for installation on Fire Apparatus, Ambulances, Rescue Boats, Utility, Construction and Paint Stripping vehicles.



SYSTEM COMPONENTS: HEADSETS

H3442

Behind-the-Head • Dual Ear



H3441

Behind-the-Head • Single Ear (Slotted Dome)



H3492

Over-the-Head • Single Ear



H3432

Over-the-Head • Dual Ear



Features

- Compatible with all Series 3800 Headset Stations
- M-7A electret, noise-cancelling microphone
- Patented hybrid wire-flex boom assembly, 280 rotating, for perfect mic placement
- Microphone on/off switch
- Dynamic earphone elements
- Low-tension headband assembly
- Undercut 'Comfort-Gel' ear seals for superior comfort
- Heavy-duty, 4 conductor, shielded, 6 ft. extended coil cord
- Rugged, quality construction
- Certified NRR: 23 dB (dual ear models)

HEADSET RESTRAINT/QUICK RELEASE HANGER

P/N 43200G-01

NFPA-compliant headset restraint for fire apparatus, EMS and rescue vehicles



Features

- Compatible with all David Clark noise-attenuating headsets
- Heavy-duty, transportation-grade rubber construction
- NFPA compliant for vehicle crew areas, holds up to 5 lbs. per hanger
- Safe working load for non-crew areas up to 25 lbs. per hanger
- Environmentally tough
- UV, salt and chemical resistant
- Mounts easily with one #10 bolt or screw
- Mounting area: 2.5" x 0.75" (64mm x 19mm)

View details on these and other compatible headset options at www.davidclarkcompany.com/fire-rescue/3800-System.php



SERIES 3800 VEHICLE INTERCOM SYSTEM



SYSTEM COMPONENTS: INTERCOM-ONLY MODULES

Series 3800 intercom-only modules provide hands-free, full-duplex intercom communication for all personnel inside the vehicle. Intercom-only users have the ability to hear all radio traffic interfaced via radio interface modules elsewhere in the system. Single or dual headset modules are available for greater design versatility.

U3800

Master Station



- Heart of any 3800 system configuration (one each required per system)
- Accommodates two intercom-only headsets; includes individual volume controls
- Master system volume control
- Automatically adjusts for 12 or 24 VDC power source

U3801

Remote Headset Station



- Accommodates one intercom-only headset; includes volume control
- System input only, does not branch out to other system modules

U3802

Remote Headset Station



- Accommodates one intercom-only headset; includes volume control
- Allows branching out to other system modules

U3806

Dual Headset Intercom Station



- Accommodates two intercom-only headsets; includes individual volume controls
- Allows branching out to other system modules

Find complete module specifications and operation/installation instructions at www.davidclarkcompany.com/fire-rescue/intercom-modules.php



SYSTEM COMPONENTS: RADIO INTERFACE MODULES

Series 3800 radio interface modules afford the same intercom functionality as intercom-only modules, with the added capability of radio transmit over one or several mobile radios. All radio traffic interfaced through these modules can be heard by all users throughout the system. Additional options such as remote radio PTT help to make the Series 3800 a truly complete communication solution.

U3811

Radio Interface Headset Station



- Accommodates one headset; includes volume control
- Connectivity for one radio, and PTT switch for radio transmit
- System input only, does not branch out to other system modules

U3815

Radio Interface Headset Station



- Accommodates one headset; includes volume control
- Connectivity for one radio, and PTT switch for radio transmit
- Allows branching out to other system modules
- Accepts Footswitch (40071G-04) or other remote radio PTT option
- **U3815A:** Same as U3815, but also accepts C3023 Belt Station

U3816

Dual Radio Interface Headset Station



- Accommodates one headset; includes volume control
- Connection for two radios, with individual radio receive volume controls and radio PTT switches
- Accepts Footswitch (40071G-04) or other remote radio PTT option, and C3023 Belt Station
- Allows branching out to other system modules

SERIES 3800 VEHICLE INTERCOM SYSTEM



SYSTEM COMPONENTS: SPECIALTY MODULES

Series 3800 specialty modules can help to add functionality and versatility to system designs, streamline installation and complement unique configuration requirements for more complex applications.

U3810

Radio Interface Module



- Provides radio transmit and receive from single radio to all 3800 system positions
- One system input, one radio input and two remote PTT connections
- Recommended for 2-3 position systems only (all intercom users transmit upon radio PTT)

U3803

Intercom Remote Junction Module



- Used to expand system beyond the Master Station
- Allows branching out to other system modules

U3805

Radio Remote Junction Module



- Collects radio cables from multiple radio interface modules, and terminates to a single radio interface
- Four radio input connections (1 primary, 3 secondary), and one radio output connection

C3821-05

Radio Interface Cord



- Connects any Series 3800 Radio Interface Module to U3805 for simplified installation

SYSTEM COMPONENTS: ANCILLARY EQUIPMENT

C3023

Belt Station



- Provides remote intercom, radio PTT, listen level control and 15 ft. coil cord extension

C3820

Power Cord



- 20 ft. length, for U3800 power connection (12 or 24 VDC)

40071G-04

Footswitch, Remote PTT



- 15 ft. cord length, for modules with remote radio PTT connection

40666G-01

Headset Adapter



- Series 6000 Two-Way Headset adapter for Series 3800 system modules provides portable radio headset versatility

HEADSETS AND ADAPTERS FOR TWO-WAY RADIOS

David Clark noise-attenuating headsets with noise-cancelling microphones facilitate clear and effective reception and transmission on portable two-way radios. A variety of headset styles and configurations — with and without adapters — are available for virtually hundreds of two-way radio makes and models.



Series 6200 Radio Direct headsets connect directly to your two-way radio without the need for an adapter. *Intrinsically Safe* models also available.

UTILITY RADIO ADAPTERS



Multiple utility radio adapter options are available for mobile-radio-only interface connectivity for engine pump panels or other remote locations.

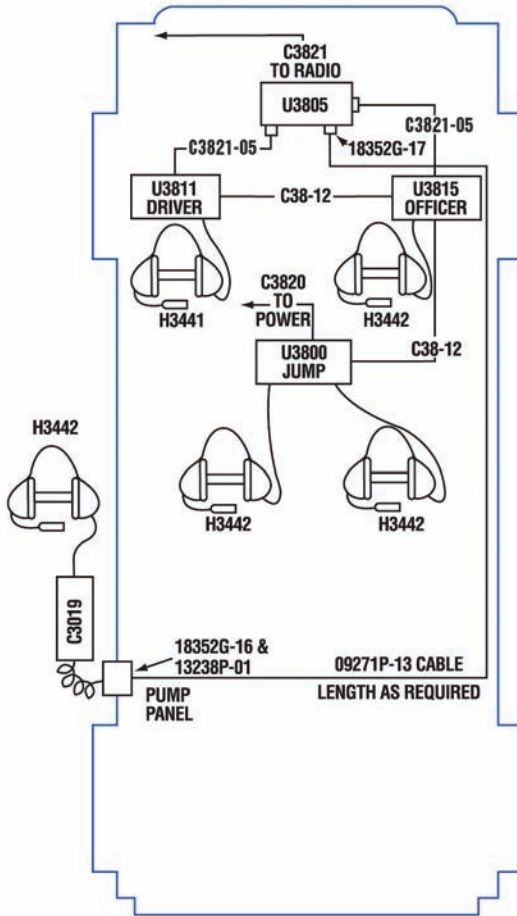
Find the right headset for your two-way radio at www.davidclark.com/twoway



FIRE/EMS VEHICLE COMMUNICATION SOLUTIONS

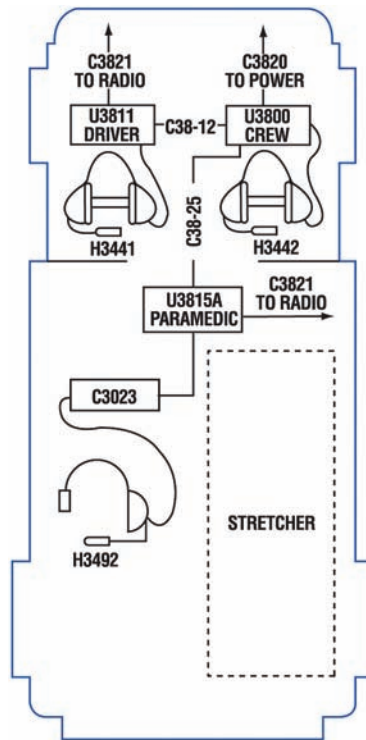
SYSTEM CONFIGURATION

(SERIES 3800, ENGINE WITH PUMP PANEL)



SYSTEM CONFIGURATION

(SERIES 3800, AMBULANCE)



For additional sample configurations, installation instructions and optional equipment visit www.davidclarkcompany.com/fire-rescue/system-layouts.php



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For more information visit www.davidclark.com or call our Customer Service professionals directly at **800-298-6235** (508-751-5800 outside the U.S.A.).



David Clark Company Incorporated
360 Franklin Street
Worcester, MA 01604 U.S.A.
Tel. 508-751-5800

800-298-6235

WWW.DAVIDCLARK.COM

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