



## Series 9900 Wireless Intercom System

Wireless 3800 Gateway  
Model No. U9922-G38  
(Part No. 40995G-01)



**U9922-G38: 3800 Gateway**

### DESCRIPTION

The Series 9900 Wireless Intercom System is the perfect solution for wireless intercom communications in demanding environments, such as fire/rescue apparatus, EMS vehicles, Command and Control vehicles, well-fracturing vans, paint strippers, or any application requiring robust, reliable and secure communications in and around high-noise areas.

The U9922-G38 Gateway is designed specifically for seamless integration with an existing Series 3800 wired intercom system. It acts as a relay for all radio and intercom audio between multiple Wireless Belt Station/Headset users and the wired system.

A single Gateway can accommodate up to four (4) connected wireless users at a time with hands-free, full-duplex intercom and radio transmit/receive. An additional Gateway is required if more than four active wireless users are required.

With its RF shielded, weather- and impact-resistant design, superb range and unsurpassed audio clarity, the U9922-G38 is the ideal answer to the problems associated with the typical wired intercom system limitations.

### FEATURES AND BENEFITS

- Hands-free, full-duplex, voice-activated (VOX) intercom communication
- DECT 6.0 based technology, provides secure signaling, prevents unwanted interception and/or cross talk with other systems or work groups
- Accommodates up to 4 wireless belt stations simultaneously connected with audio
- Provides connections for Series 3800 system input/output, radio input and 2 antennae
- Controls include a link button for close-proximity linking, system volume control for proper overall system gain setting
- Multiple radio connection achieved through connection to an M-RIM (Multiple Radio Input Module)
- Compatible with most HF, UHF and VHF radios
- Weather-tight, impact-resistant enclosure for rugged durability and reliability
- Easy, seamless integration to existing Series 3800 systems
- Can also be used as stand-alone wireless system for 4 users
- Up to 4 each U9922-G38 Gateways can be connected for up to 16 users on one wireless system via connection to U9925-GEM Gateway Expansion Module
- Whip and remote antennae options to ensure maximum performance (1 whip antenna included)

### TECHNICAL DATA

<b>Weight</b>	13.4oz/386g
<b>Frequency</b>	1920 MHz - 1930 MHz
<b>Average Power Output</b>	4mW (100mW peak)
<b>Range</b>	100m (300') line-of-sight, typical
<b>Carriers</b>	5 each (1,728 kHz spacing)
<b>Time Slots</b>	2 x 12 (up and down stream)
<b>Operating Temp.</b>	-10°C to +55°C
<b>Storage Temp.</b>	-20°C to +60°C
<b>Radio Connection</b>	via C3821 Radio Interface Cable
<b>Power Connection (for Radio-Direct only)</b>	via C99-22PW Power Cable
<b>System Connection</b>	via C99-22MS System Cable
<b>U9925 Connection</b>	Via C99-20MS System Cable
<b>Antenna Connection</b>	via SMA coax connector (2 ea)
<b>Dimensions (mounted)</b>	6-5/8"L x 3-9/16"W x 3-5/16"D

360 Franklin Street, Box 15054, Worcester, MA 01615-0054 • Tel: 800-298-6235 • Fax: 508-753-5827

• Email: [sales@davidclark.com](mailto:sales@davidclark.com) • Web site: [www.davidclark.com](http://www.davidclark.com)

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