



Series 9900 Wireless Intercom System

Wireless 3800 Gateway
 Model No. U9922-G38(EU)
 (Part No. 40995G-02)



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 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

Weight	13.4oz/386g
Frequency	1880 MHz - 1900 MHz
Average Power Output	10mW (250mW peak)
Range	100m (300') line-of-sight, typical
Carriers	10 each (1,728 kHz spacing)
Time Slots	2 x 12 (up and down stream)
Operating Temp.	-10°C to +55°C
Storage Temp.	-20°C to +60°C
Radio Connection	via C3821 Radio Interface Cable
Power Connection (for Radio-Direct only)	via C99-22PW Power Cable
System Connection	via C99-22MS System Cable
U9925 Connection	Via C99-20MS System Cable
Antenna Connection	via SMA coax connector (2 ea)
Dimensions (mounted)	6-5/8"L x 3-9/16"W x 3-5/16"D

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