



Series 9900 Wireless Intercom System

Universal Gateway
 Model No. U9921-GUV
 (Part No. 40994G-01)



U9921-GUV: Universal Gateway

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
- Simple, versatile mounting bracket included for ceiling or panel-mounted installation
- Controls include a link button for close-proximity linking, system volume controls for proper overall system gain setting
- Multiple radio connection achieved through connection to an M-RIM (Multiple Radio Input Module) via wired system
- Compatible with most HF, UHF and VHF radios via wired system
- Marine-grade, water-tight, impact-resistant enclosure for rugged durability and reliability
- Easy, seamless integration to existing systems
- Multiple Gateways able to function within same RF vicinity with no cross-talk
- Whip and remote antennae options to ensure maximum performance (1 whip antenna included)

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 U9921-GUV Universal Gateway is designed specifically for seamless integration with an existing DCCI or other OEM 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 marine-grade, RF shielded, water-tight design, superb range and unsurpassed audio clarity, the U9921-GUV is the ideal answer to the problems associated with the typical wired intercom system limitations.

TECHNICAL DATA

Weight	5.9oz/167g (without bracket)
Frequency	1920 MHz – 1930 MHz
Average Power Output	4mW (100mW peak)
Range	100m (300') line-of-sight, typical
Carriers	5 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
3100 Connection	C99-20MS Cable
3400 Connection	C99-20MS Cable
3800 Connection	C99-22MS Cable
9500 Connection	C99-20LL Cable
9800 Connection	C99-20CX Cable
U9925 Connection	40828G-41 & 13265P-55
Antenna Connection	via SMA coax connector
Dimensions	3-7/16"H x 3-7/16"W x 2-3/4"D

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