



## Series 9900 Wireless Intercom System

Push-Back Gateway  
 Model No. U9920-GPB(EU)  
 (Part No. 40993G-02)



**U9920-GPB: Push-Back Gateway**

### FEATURES AND BENEFITS

- Hands-free, full-duplex intercom communication
- DECT based technology, provides secure signaling, prevents unwanted interception and/or cross talk with other systems or work groups
- Accommodates up to four (4) wireless belt stations simultaneously connected with audio
- Controls include a power button for close-proximity linking, system volume control for proper overall system gain setting
- Aircraft interphone adapter cords required for flight deck communications (see below)
- High-visibility orange skin included for added impact protection (oil, water, UV resistant)
- “Remove Before Flight” warning banner and lanyard with nylon hook included
- Marine-grade, water-tight, impact-resistant enclosure for rugged durability and reliability
- Multiple Gateways able to function within same RF vicinity with no cross-talk
- Easy, seamless integration to aircraft interphone

### DESCRIPTION

The Series 9900 Wireless Intercom System is the perfect solution for wireless intercom/radio communications in demanding environments and applications requiring rugged, secure and reliable communications in and around high-noise areas; ideal for push-back operations, wing-walkers, marshalling agents, maintenance mechanics or de-icing operations.

The U9920-GPB Push-Back Gateway is designed specifically for seamless integration with aircraft interphone systems. It acts as a relay for all intercom audio between multiple Wireless Belt Station/Headset users and the interphone system.

A single Gateway can accommodate up to four (4) connected wireless users at a time with hands-free, full-duplex intercom between a single work group, and Push-To-Talk (PTT) capability for communicating directly with the flight deck.

The U9920-GPB is powered by a Li-Polymer rechargeable battery, capable of 24 hrs of continual usage between charges, and removable from its water-tight compartment within the RF shielded, marine-grade enclosure.

### TECHNICAL DATA

<b>Weight, Enclosure</b>	10oz/280g (with battery)
<b>Frequency</b>	1880 MHz - 1900 MHz
<b>Average Power Output</b>	10mW (250mW peak)
<b>Range</b>	150m (450') line-of-sight, typical
<b>Carriers</b>	10 each (1,728 kHz spacing)
<b>Time Slots</b>	2 x 12 (up and down stream)
<b>Operating Temp.</b>	-10°C to +45°C
<b>Storage Temp.</b>	-20°C to +60°C
<b>Power Source</b>	Li-Polymer rechargeable 3.7V cell, 2000mAh
<b>Power Consumption/Current Draw</b>	100mA, typical
<b>Dimensions</b>	4" H x 2-3/4" W x 2-1/2 "D
<b>Aircraft Interface Cords (required for flight-deck communications)</b>	41035G-02 (PJ-051 type plug) 41035G-03 (U-174/U, Civilian) 41035G-04 (Dual G.A. Plugs) 41035G-05 (U-174/U, Military)

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