



Series 9900 Wireless Intercom System

Controller Belt Station

Model U9911-BSC(EU) / 41033G-02

Data Sheet



U9911-BSC: Controller Belt Station

DESCRIPTION

The Series 9900 Wireless Intercom System is the perfect solution for wireless intercom communications in demanding environments, such as industrial facilities, construction sites, jet engine test cells, or any application requiring rugged, reliable and secure communications in and around high-noise areas.

The U9911-BSC Controller Belt Station is designed to serve as the “master” control, or fixed part, to which all belt stations within a work group are linked. It accommodates one wireless headset itself, and acts as a relay for all intercom audio between multiple Wireless Belt Stations, combining to form a work group of between two (2) to five (5) users.

A single Controller can accommodate up to four (4) connected wireless users at a time with hands-free, full-duplex intercom communications. It also includes a VOX override PTT button, VOX control knob, and an on/off/link button with LED indicator (link/comm/battery status).

The U9911-BSC 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.

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
- Controls include a power button for close-proximity linking, VOX adjustment for effective mic control, and a large PTT for VOX override
- VOX “helper” tone guides the user to optimal setting for any high-noise environment through rotary switch adjustment
- Black rubberized skin included for added impact protection (oil, water, UV resistant)
- Voice prompts help to ensure wireless link status
- Marine-grade, water-tight, impact-resistant enclosure for rugged durability and reliability
- Multiple Controllers able to function within same RF vicinity with no cross-talk

TECHNICAL DATA

Frequency	1880 MHz - 1900 MHz
Average Power Output	10mW (250mW peak) in EU
Range	100 m (300') line-of-sight, typical
Carriers	10 each (1,728 kHz spacing)
Time Slots	2 x 12 (up and down stream)
Power Source	Li-Polymer rechargeable 3.7V cell, 2200 mAh (battery not included)
Power Consumption/ Current Draw	90mA, typical
Operating Temperature	-10°C - +45°C
Storage Temperature	-20°C - +60°C
Dimensions, Enclosure	4" H x 2-3/4" W x 1-7/8" D (2-1/2" D with belt clip)
Weight	10 oz (280g) with battery

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