JUPITER AVIONICS CORPORATION

wiJAC2™-Txx
Wireless Intercom System with Transceiver Connection
Data Sheet

Description

The wiJAC2-Txx system is a Wireless Intercom System for up to four users plus connectivity to an aircraft audio system. The system provides a wireless, full-duplex, hands-free audio network, plus PTT capability to communicate with the aircraft ICS.

The headset units connect to standard aircraft headsets and attach to the users' belts, allowing operators free movement. Unobstructed communications range is typically 328 ft [100 m] for the N. American model (984 ft [300 m] for the European model).

The system features only essential controls to ensure ease of operation. (VOX and Volume control knobs, On/Off, intercom PTT and transmit PTT buttons)

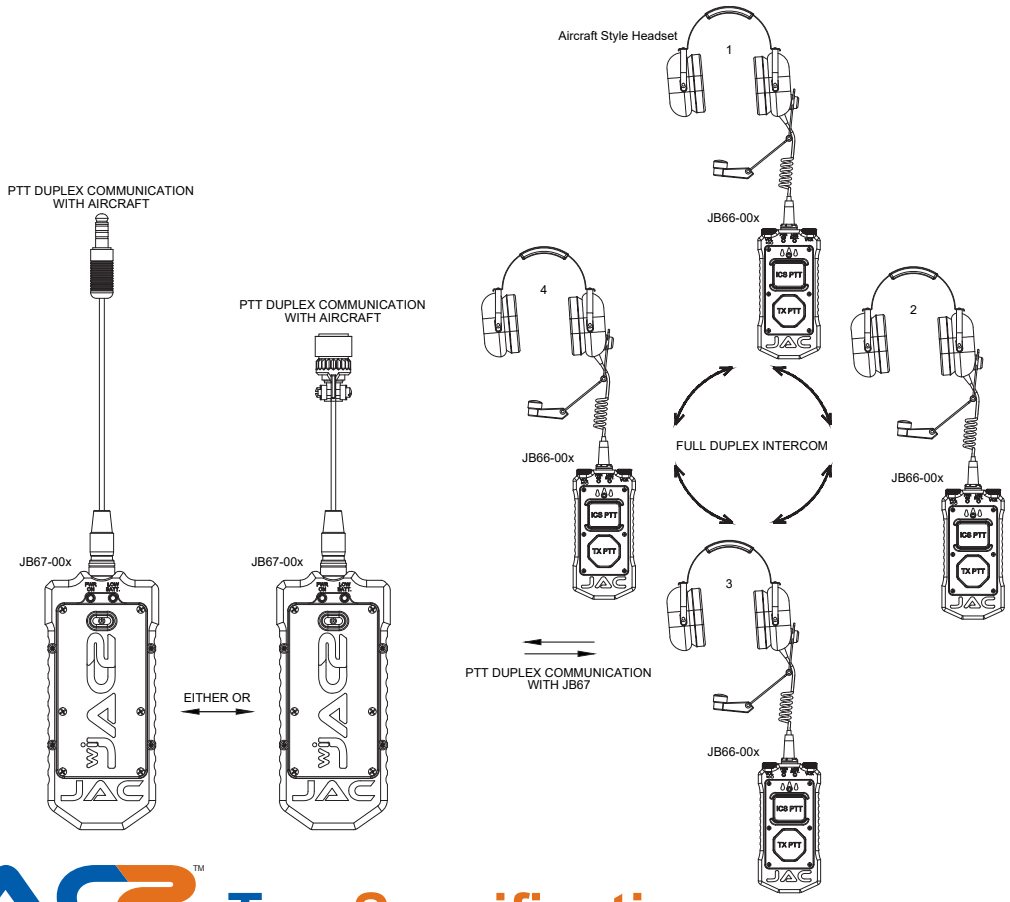
The re-design of the field-proven wiJAC series offers:

- Waterproof protection (1 metre depth for 30 minutes)
- Increased battery life
- ICS PTT detent on VOX knob
- Improved ergonomics
- Removeable belt clip mounting

The wiJAC2™ system offers the user independence from traditional tethered audio systems without sacrificing audio quality.

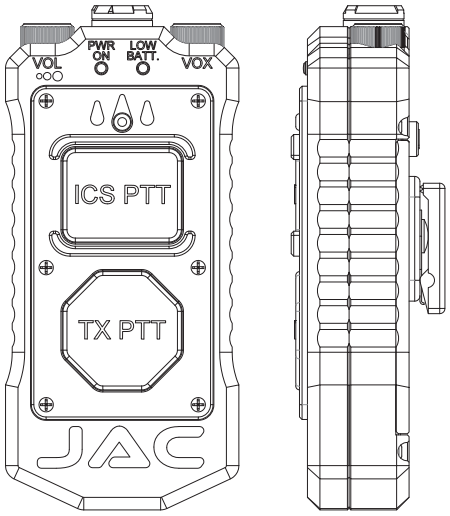
1959 Kirschner Rd, Kelowna, BC V1Y 4N7, Canada
Tel: +1 778-478-2232 Toll-Free 1 855-478-2232
www.jupiteravionics.com

TO ONLINE DATASHEET

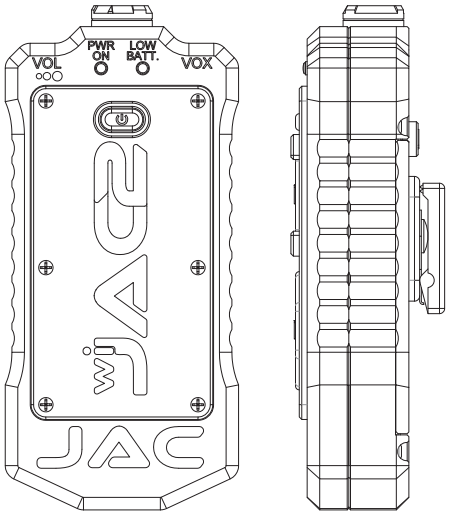


wiJAC2™-Txx Specifications

Installation



JB67 Wireless Aircraft Headset Adapter
Weight: 0.74 lbs [0.33 kg] max with batteries



JB66 Wireless Aircraft Intercom Adapter
Weight: 0.79 lbs [0.36 kg] max with batteries

Features

The wiJAC2™ system is designed to be compatible with most general (aviation-type) high impedance headsets. In-line adapters for use with a low impedance military style audio system are available from Jupiter Avionics. A light on each unit indicates when the RF communication link is established, and a 2.1mm coaxial charging port is provided for connection to a USB charging source.

The base unit has a 10 pin HIROSE connector and the headset units have 6 pin LEMO connectors. Adapter cables for NATO style aircraft connectors, charging cables and rechargeable batteries are included with each system. Multiple paired adapters can be co-located in the same aircraft without interference. An encrypted radio link ensures secure communications. Alternative adapter cables are available for use with other connector styles.

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