

Wireless Communication System

SINCE 1997

GLOBALSYS proposes the AIRLINK 2080 System for Cordless Professional Communications within highly noisy environments. For an optimal convenience in use, components (such as electronics, batteries etc.) are integrated to the Noise-protecting Headset Ear cups. This solution offers very high isolation characteristics for optimum communication intelligibility.

AIRLINK SOLUTION

Airlink 2080 Cordless Integrated Headset constitutes the most convenient, compact and robust solution (no wire, no belt-worn Box) for Cordless communications within very noisy environments. AIRLINK 2080 system is composed of a Radio Base which ensures audio mixing for all connected users. It can be connected to the existing Audio plug on the Aircraft, thus ensuring the interface with the Intercom System and the cockpit. Individual mobiles units are connected to noise- cancelling Headsets (Civil Aviation type).



- AUDIO CONFERENCE UP TO 4 OPERATORS
- HEADSET TO HEADSET
- AIRCRAFT / GROUND COMMUNICATION
- FULL DUPLEX COMMUNICATION



AIRLINK 2080 establishes a Cordless, full-duplex, audio conference for your operational Teams, at a very reasonable cost. Specifically designed for aeronautic applications, it can be used during Maintenance Operations, during Engine runs or Departure procedures in noisy context.

This Cordless communication system is adapted to any Civil Aircraft: AIRBUS, BOEING, EMBRAER, BOMBARDIER and ATR.

AIRLINK 2080



Base Unit
(To be connected to the Aircraft)



**Integrated headset
Mobile Unit**



Mobile Unit
(To be connected to a regular Aviation Headset)

Up to 4 Mobiles Units (either "Box Style" or "Integrated Headset" type) can form a Wireless Audio Conference with the Base. If the Base is connected to an Aircraft, the Audio Conference includes the Cockpit Crew.

CHARACTERISTICS

RADIO

- ✓ Frequency range 2,40–2,47GHz
- ✓ Available Channels 80, Full Duplex
- ✓ Output Power 10mW (mean)
- ✓ Speech coding 32kbits/sec
- ✓ Power supply Li Ion Batteries
- ✓ Range > 250 meters

ENVIRONMENT (DO 160 C)

- ✓ Temperature – 20°C, + 50°C
- ✓ Waterproofness Category R
- ✓ Humidity Category B
- ✓ Shocks / on-concrete drop About 2 meters

DIMENSIONS & WEIGHT

- ✓ Base : 140 x 88 x 30 cm - 250 gr
- ✓ Mobile : 140 x 88 x 30 cm - 250 gr
- ✓ Headset integrated Mobile – 480 gr

AUTONOMY

- ✓ Base : > 10 hours
- ✓ Mobile : > 12 hours

ADAPTABLE TO EVERY

- ✓ Civil Aircraft : Airbus, Boeing, Dassault, ATR
- ✓ Private Mobile Radio (PMR), GSM...

AUDIO

- ✓ Band : 300 Hz to 3 kHz at -3 dB

Input/Output, Base System

- ✓ Input : 2,5 V Nominal RMS / 600
5,5 V Maximum RMS / 600
- ✓ Output : 250 mV Nominal RMS / 150

Input/Output, Mobile System

- ✓ Input : 250 mV Nominal RMS / 150
- ✓ Output : 2,5 V Nominal RMS / 600
5, 5 V Maximum RMS / 600