



AIRLINK 2085

Wireless Communication Equipment

November 2017

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1- Globalsys Overview

- French company created in 1997
- ISO 9001-2008
- Specialized in Audio system, Wired, Wireless & Embedded Systems
- Strong partnership with Airbus, Telerad, EADS Development, Dassault Aviation, Safran...
- Present in the domain of Aeronautics, Defense, Industrial & Naval
- Made in France
- Quick after-sales service (<5 days)



Product Ranges:

AirLink 2085



*Cordless Headset
Airports, Airlines*

AirLink 3085



*Cordless Headset
Helicopters, Military*

Safe-Link



*VoIP over WiFi
Naval Applications*

Thru-Data



*Cordless Data download
FDR, Mission Computer*

2- Airlink 2085 Overview

Wireless Communication Headset

- Audio conference up to 8 users
- **Full Duplex** communication
- Crypted Digital System
- Range: Up to **300 meters** (from the k
- DECT digital technology
- Autonomy: **up to 14hrs**
- Audio Wideband 100Hz-7KHz



2- Airlink 2085 Overview

Base unit

The base ensures the Wireless interface between users (up to 8 in a "Mobile audio conference").

Powered by a Li-ion removable battery pack or by a DC power supply.

The Base Unit can, if needed, be connected to a Radio (MOTOROLA, TETRA etc...).



Mobile units

Available in beltpack version or fully integrated headset, used by ground operators allows the users to talk in a range of 300 meters around the base unit.



Beltpack
(connected to
a Noise cancelling
Headset)



Integrated Headset
(electronics, battery, etc
embedded in Headset cups)

2- Airlink 2085 Overview

Base unit interface capabilities

Base unit can be connected to :

- Aircraft
- Helicopter
- Intercom (vehicle, boats,...)
- Any type of radios

It can also be used to create a wireless network on a dedicated area like
Production Lines (various Industries..),
maintenance areas...



2- Airlink 2085 Overview

Beltpack Mobile unit interface capabilities



The mobile unit can be connected to a large panel of headset / helmet

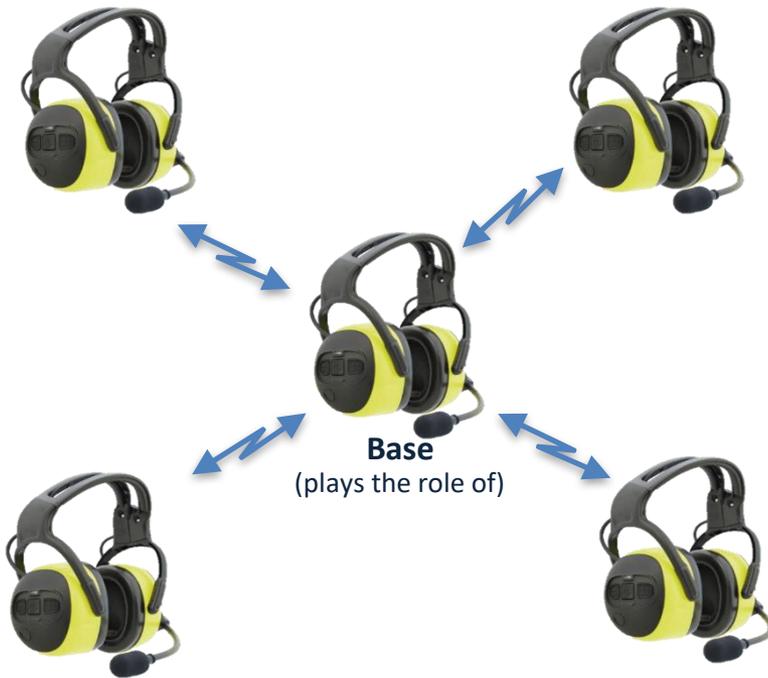
Fully integrated headset mobile unit:



The integrated headset can be used simultaneously with an Airlink base station and cell phone Bluetooth connected.

AIRLINK 2085 : Industrial Configurations

Configuration Multiple Headsets (only)



Up to 5 users

Configuration Base Unit & Headsets



Up to 8 users

3- Applications

Industrial applications examples

Railway maintenance



Customers :

- Meccoli
- TSO
- MATISA

Industry



Customers :

- Florette (food industry)
- DS SMITH (packaging)

Power plant



Customers :

- EDF

3- Applications

Examples of vehicle configurations

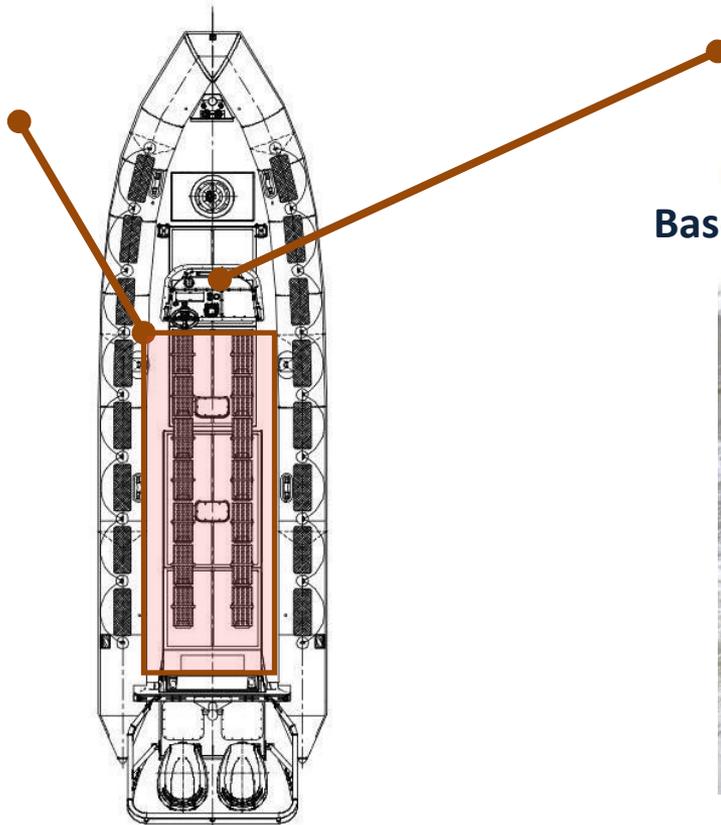


3- Applications

Examples of vehicle configurations



Up to 8 users



Base unit connected to radio



3- Applications

Aeronautical configuration:



Up to 4 users can be in conference with aircraft or helicopter cabin crew.



The base station ensure the analog interface between wireless users and aircraft



4- Functionalities

Vocal announcement :



"Power On"

"Communication established"

"Low battery"

"Base battery is Low"

5- USB configurable



- Vocal announcements (activation, change languages, add specific alerts)
- Push To Talk options
- Configure beltpack as a Mobile or as a Base Unit

- Isolation mode active or not
- Software update
- Battery health information

6- Chargers

Wall plug charger :

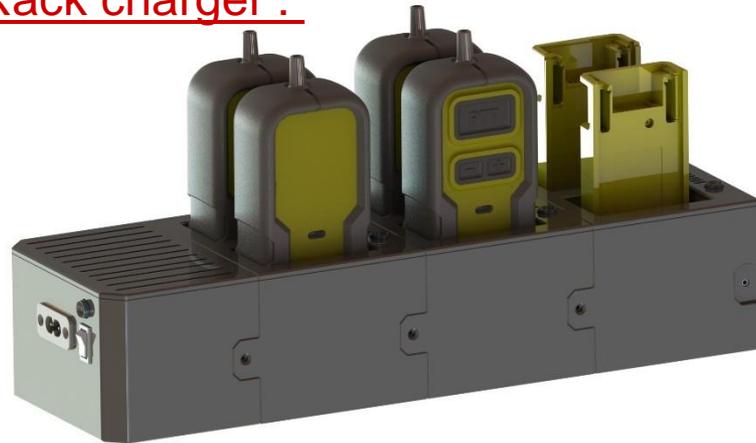


Red : charging



Green : Charge complete

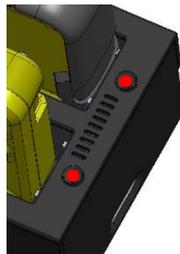
Rack charger :



The rack charger is composed of :

- A power supply 12 to 36Vdc or 110-264Vac.
- Up to 10 rack charger, each rack can handle 2 batteries.

The rack charger can support battery alone, mobile unit, base unit with or without the rubber protection.



Led indicates the charge status :

- Red : charging
- Green : charge complete
- Red/Green + BIP : battery default



Thank you for
your attention!



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