

GLOBALSYS



AIRLINK 2085 & HEA 371

Ramp Communication Equipment

Next Generation has arrived.....

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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 Ground Communication Headset

AIRLINK 2085 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.

- ✓ Audio conference up to 4 or 5 operators
- ✓ Aircraft/Ground communication
- ✓ **Full Duplex** communication
- ✓ Crypted Digital System
(32kb/s, others airport networks cannot disturb the communication)
- ✓ Range: Up to **300 meters** (from the base)
- ✓ DECT technology
- ✓ Autonomy: **up to 14hrs**
- ✓ **Jack** connector
- ✓ Audio Wideband 100Hz-7KHz



3- Networking & Form Factors

Thanks to its Versatility and Modularity, AIRLINK 2085 allows to define, on a case-by-case basis an optimized configuration for each « working scenario »: combine One Base Unit and (up to) 4 Mobile units

Base Units

Either in a box version to be connected with the Aircraft, or the Base simply is integrated in an headset **when** no link with the Aircraft is needed (eg: De-Icing)



Base Unit integrated
in a Headset
NOT connected to the plane

Base Unit
Box version

Connected to the plane

Mobile Units

Either box version when you want to use your own wired headset or Hands-free Headset
As an option you can connect a radio such as a walky-talky



Box version
("Beltpack")

Connected to a wired headset



Hands-free Headset

4- Vocal synthesis

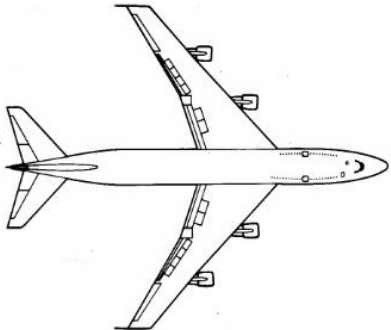


"Power On"

"Communication established"

"Low battery"

OPTIONAL ALERT FOR PILOTS



"CAUTION ! Ground interphone is not removed"

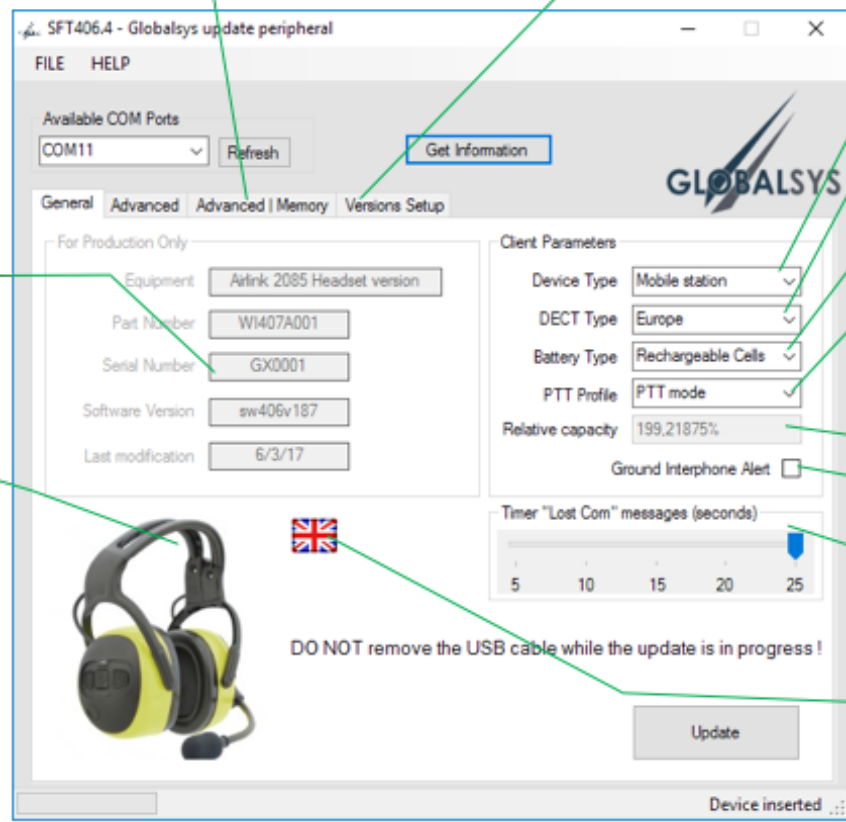
5- USB programmable

Tab: access to the menu where you can update the software

Tab where access for the setup menu where you can modify the language of vocal announcement

The software indicate the name, the PN, Serial Number, which software version and the date of the last modification

Picture of the device



The equipment could be configure in Base or Mobile
 DECT can have different type according to its location
 Indicates which type of battery is used (Li Ion or AA ; AAA), or « non-reusable »

There is a switch with 3 positions (on the left side of the helmet) :

- Turn off the microphone (basic mode)
- Group isolation mode
- Remote control for external radio

« age of the battery » (# drop of autonomy)
 Alert to warn the cockpit if a mobile is disconnected

You can select the timer between two announcement of « lost com »

Languages of vocal announcements:

- On/ OFF
- Communication/ Lost Com
- Cockpit connected / disconnected
- Low Battery
- Low Battery (Base)

DO NOT remove the USB cable while the update is in progress !



Update

Device inserted

6- Areas of usage of Airlink 2085:

- Push Back/Towing
- De-Icing Scheme
- Training Scheme
- Maintenance Scheme

Push Back/Towing



De-Icing

Bucket

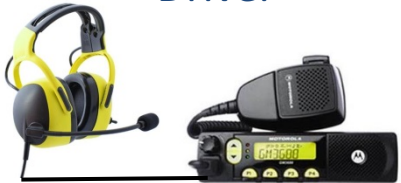


Optional Base unit:
connection to the
flight deck (through
flight interphone
jack plug)



The dialogue
between bucket
and driver remains
unheard from the
Flight Deck

Driver



Optional connection to a radio

WIRELESS COMMUNICATION
between bucket and driver with hands free headset

Training



« Cockpit Isolation » Feature: the dialogue between Instructor and Pupil remains unheard from the Flight Deck

Maintenance



UP TO 5 CORDLESS HEADSETS WIRELESSLY COMMUNICATING FOR PERFECT COORDINATION during Tests, Checks, Engine-runs, etc....

7- OTHER ASSOCIATED PRODUCTS

HEA371

Push-Back Wired Ground Communication Headset

HEA371 is the new version of our Wired Headset for Ramp Operation. It's one of the Safer Headsets on the market with an attenuation of 33dB.

The Ergonomic Shape is perfectly designed for the human head. You will put handlers in the best work conditions.

- ✓ **33dB** attenuation
- ✓ Advanced Ergonomics
- ✓ **Waterproof** differential microphone
- ✓ Fully **EN-352** compliant (Noise protection)
- ✓ PTT option (3 positions, on chest...)
- ✓ **Jack** connector
- ✓ Cable options (short + extension, integrated...)



Left/Right Hearing Protection

It's a MSA product. We are reselling it with a very competitive price.

- ✓ **33dB** attenuation
- ✓ Advanced Ergonomics
- ✓ Fully **EN-352** compliant (Noise protection)
- ✓ Headband adjustable



8- After-Sales Service

- You have a qualified employee able to repair our systems thanks to a training:

WE PROVIDE SPARE PARTS



- You don't have a qualified employee able to repair our systems :

**WE REPAIR YOUR EQUIPMENT IN OUR FACILITIES
(FRANCE, BONNEUIL) WITHIN <5 DAYS**



9- Some references...



Aircraft manufacturers



Handling & Maintenance



Airlines

Thank you for
your attention!



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