USER MANUAL

BELTPACK
AIRLINK 2085

Characteristics

- Full duplex audio wideband

- Adaptable to any headset of competition

- Removable battery pack

- Qualified for Europe, US, Brazi, Japan, Taïwan

Radio

Frequency range :	1870 - 1930 MHz (adjusted according to local regulation)
Transmit power :	EU:23 dBm; US/JPN:21dBm
Receive sensitivity :	-93 -92 -89 dBm
Modulation :	GFSK 1.152 Mbaud
Modulation depth :	DECT GFSK bandwidth = 20 dB < 1,728 MHz
Range :	Up to 300 meters

Audio

Bandwidth :	150 Hz to 6500Hz at -3 dB
Beltpack input :	250 mV Nominal RMS / 150 Ω
Beltpack output :	2,5 V to 5.5V Nominal RMS / 600Ω

Environment

Using temperature :	-20°C to +60°C
Charging temperature :	0 to +45°C
IP protection level :	IP64
On-concrete drop :	about 2 meters

Battery

Battery type:	2350mAh 3.7V Li-Ion
Battery life:	up to 20h

Dimension and weight

Dimension :	128x61x38mm
Weight :	300g

Range

Depending upon environment (obstacles...) the range is up to 300 meters (line of sight).

Guidelines

- Adjustments and maintenance should be done according to manufacturer instructions.
- The Airlink 2085 beltpack can deteriorate with use, it is therefore advised to inspect them at regular intervals in order to detect any cracks or leaks, for example .
- This beltpack is equipped with an audio-electric input device. The user should verify that it works properly before using it. If the user notices a distortion or a defect, he/she should refer to the manufacturer's instructions.

Product description

- The Airlink 2085 beltpack is designed to communicate with an aircraft wirelessly through an Airlink 2085 aircraft base. This user information is applicable to all versions.
- To ensure you get the best comfort, fit and function out of the product, it is important to read the instructions carefully and save them for future reference.
- Make sure to choose the correct product for your application.

Storage

- When the beltpack is not in use, keep it dry and clean, store them at normal room temperature and do not place them in direct sunlight.

Maintenance

- Clean and disinfect the protective bumper and the beltpack itself with mild soap and water only. This product may be adversely affected by certain chemical substances. Further information should be sought from the manufacturer. Equipment lifetime depends of environment, type of usage and correct use. Exposure to extreme weather conditions can impact on headset lifetime, ie. prolonged exposure to the sun or contaminants in the environment.
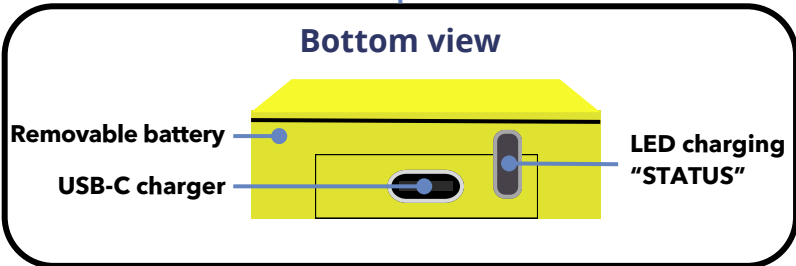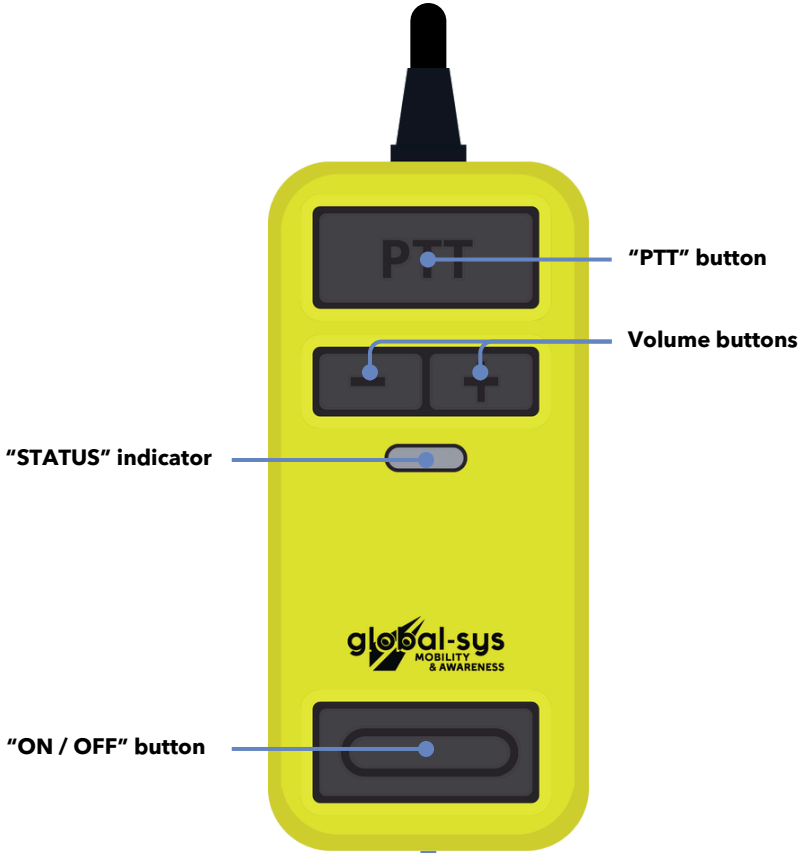
System structure

A beltpack base can connect any wired headset of the competition with Globalsys communication system.

Overview

Airlink 2085 beltpack

"PTT" button

Volume buttons

"STATUS" indicator

"ON / OFF" button

Bottom view

Removable battery

USB-C charger

LED charging "STATUS"

How it works

ON/OFF

Press bottom button during 3s to turn ON or OFF the station.
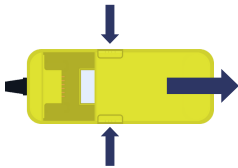
Using PTT

Press PTT button to activate microphone.

Volume

Press "+" and "-" button to adjust audio volume on the headset.

Remove battery

Press the two lockers on the sides an slide to remove the battery.

Battery autonomy

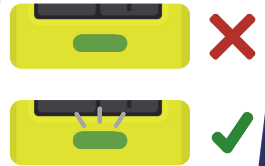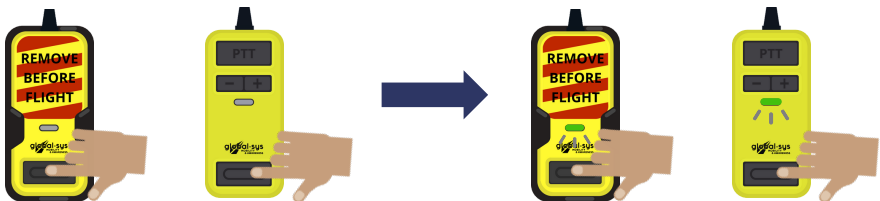🟢 Battery > 50 %

🟠 Battery < 50 %

🔴 Battery < 10 %

Battery can be charged through a USB-C cable or a rack charger.

LED "STATUS"

Static : no communication Flashing : communication is established

Pairing (only first time)

Wait 10s after power on the devices to ensure units are not already paired (devices are already connected if LEDs flash on both unit)

If not, press ON/OFF button twice on each devices. LED will start flashing fast.

If LED flashes slowly on both units : pairing is done and communication is established.

Notes

For more info

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