

Datasheet

Aircraft station Airlink 2085



Product description

The Aircraft Base Station is a critical communication hub designed to facilitate reliable audio connections between ground crews and aircraft.

Its robust design ensures clear and uninterrupted communication in demanding environments. Ideal for aviation applications, it enhances operational efficiency by allowing seamless coordination during critical tasks, ensuring that teams remain connected at all times.

Main characteristics

- Connection guaranteed in all circumstances up to 300 m range in full duplex (users can emit and receive at the same time)
- Compatible to any aircraft
- Vocal announcement and wireless for hand free using
- Automatic Echo Canceller (AEC)
- Eliminates conduction with the plane
- No latency time for instant reactivity
- Intuitive and user friendly
- High audio quality thanks to a large audio wideband (200-7000 Hz)
- Connect up to 4 simultaneous users
- Up to 20 h battery life with removable battery
- Charging through USB-C
- Qualified for Europe, US, Brazil, Japan, Taiwan

Options

- Digital Noise filtering
- Cockpit isolation

Accessories

Name	Part number (PN)	Quantity
Red flame Remove Before flight	94#338	5
Red flame with ring, strap and big hook	FLA470	5
Rubber Bumper Base and Mobile 2085	92#406	1
Mobile battery pack (USBC)	BAT406HA_SP	1

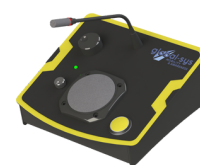
Our others Airlink 2085 products...



Airlink 2085 wireless headset



Airlink 2085 beltpack



Airlink 2085 desktop

Radio

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

Battery

Battery type	2350mAh 3.7V Li-Ion
Battery life	up to 20h
Rated capacity	Min. 1880mAh
Capacity	Min. 1880mAh Typ.2000mAh
Nominal voltage	3.7V
Charging	CC-CV, Std.1880mA, 4.20V, 3.0hrs
Temperature	Charge : 0 to +45°C
Energy density	Volumetric : 397Wh/l Gravimetric : 180Wh/kg

Environment

Temperature	-20°C to +60°C
IP protection level	IP54

Dimension and weight

Dimension :	128x61x38mm
Weight :	300g

Audio

Bandwidth	150-6500Hz at -3dB
Input	2,5 V to 5.5V Nominal RMS / 600Ω
Output	250 mV Nominal RMS / 150 Ω
Distorsion	< 3%

For technical details, product inquiries or custom requirements, our teams are here to help.

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