

Datasheet

Wireless Headset Airlink 2085



Product description

The integrated Airlink 2085 wireless headset is a state-of-the-art wireless communication solution designed for high-noise environments such as aviation, industrial sites, and ground operations.

It ensures clear, hands-free communication, enhancing team coordination, mobility, and safety. The headset is developed with a focus on durability and comfort, making it suitable for long hours of use in extreme conditions.

Main characteristics

- Connection guaranteed in all circumstances up to 300 m range in full duplex (users can emit and receive at the same time)
- Vocal announcement and wireless for hand free using
- Eliminates conduction with the plane
- No limited distance with aircraft
- Intuitive and user friendly
- High audio quality thanks to a large audio wideband (200-7000 Hz)
- Up to 12 h battery life with removable battery
- Personnalisable color : orange, yellow, black

Options

- Digital voice activated micro (VOX)
- Digital Noise filtering
- Bluetooth

Accessories

Name	Part number (PN)	Quantity
Internal foam kit (kit of 7 foams)	33#371	5
Pads (by pairs) = 13#371L+13#371R	34#371	5
Headband leather protection	35#371	1
Lithium battery for integrated	BAT407E_SP	1
Storage bag	BAG333	1

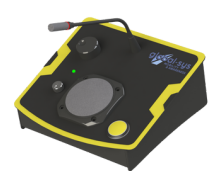
Our others Airlink 2085 products...



Airlink 2085 aircraft base



Airlink 2085 beltpack



Airlink 2085 desktop

Certifications

EN352-1:2002 ; EN352-6 :2002

AS/NZS : Class 5

SLC80 : 30dB

CE 1974

® 207-15W14H

26 dB

Noise Reduction Rating (NRR)

32 dB

SNR

RANGE OF NOISE REDUCTION RATINGS FOR EXISTING HEARING PROTECTORS IS APPROXIMATELY 0 TO 30 (HIGHER NUMBERS DENOTE GREATER EFFECTIVENESS)

Federal law prohibits
removal of this label
before purchase

LABEL REQUIERED BY U.S
EPA REGULATION 40 CFR
part 211, subpart B

GLOBAL-SYS,
Bonneuil-sur-Marne,
France

WH407 XXXX
WH443 XXXX (VOX option)

f(Hz)	63	125	125	500	1000	2000	4000	8000
Mf(dB)	19.2	18.4	23.1	32.4	37.3	34.1	41.5	38.2
Sf(dB)	4.3	2.6	2.3	2.8	2.9	2.6	3.0	2.8
APV(dB)	14.9	15.8	20.8	29.6	34.4	31.5	38.5	35.4

H = 34dB, M = 30dB, L=23dB, SNR = 32dB, NRR = 26 dB

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

Materials

Headband	Acetal
Lid	ABS
Spring lid Height adjustment socket	TPE
Fixations, microphone arm	Polyamide
Ear pads and foam	Polyurethane

Environment

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

Audio

Bandwidth	150-6500Hz at -3dB
Signal to Noise Ratio (SNR)	=>60dB
Distorsion	< 3%

Battery

Standard version	650mAh 3.6V LI-Po (upto 6h battery life)
Vox version	2 x AA MiMh (upto to 12h)

Dimension and weight

Dimension :	180x180x100mm
Weight :	565g

Bluetooth option

Frequency	2.402 GHz to 2.480 GHz
Receive sensitivity	-90 dBm (2 Mbps EDR)
Bluetooth version	Bluetooth 5 Certified Class 2 module with +2 dBm output power
Certification	FCC, CE
Profil supported	A2DP 1.3, AVRCP 1.6, HFP 1.7.2, HSP 1.2 and SPP 1.2
Connections	Connection of two hosts with HFP/A2DP profiles simultaneously

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

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