

APPI-CovR

Full-duplex noise-cancelling communication headset

Product description

APPI-CovR embeds a long-range conference mode radio and a Man-down detector into a noise-cancelling headset, providing simplicity and safety.



Main features

- Hands-free conference mode with unlimited number of talkers.
- Range: up to 3.8Km (2.3mi) on a self-deployed and secured digital network
- Attenuation : 31dB
- Exclusive full-duplex technology: no fixed nor mobile base (SyncALL® patent)
- Lone Worker Protection: Man-down alert with relay through smartphone
- Confidentiality: digitally coded / each group has its own ID
- Versions: Headband or Helmet mounted (30mm inserts)
- Removable rubber covers : +3dB (IsoSkin® patent)

Technical specifications

Radio range : up to 3800m (2.3mi) LOS
Frequencies : 863-870 MHz CE / 902-928 MHz (FCC/IC)
Number of channels : 19 (CE) / 32 (FCC/IC)
Power transmission : <500mW TDMA
Radio Certification : CE : ETSI EN 300 228 & 300 220-2 / FCC/IC part 15.247 / KDB 996369 D04
Modulation : FM, Class I : no restriction
Electromagnetic Compatibility: ETSI EN 301 489-17 & ETSI EN 301 489-3 EN 62311
Electrical parameters: IEC 62368-1: 2014
SAR value (head): CE: 0.049W/kg (limit: 2W/Kg) / FCC/IC: 0.059W/Kg (limit: 1.6W/Kg)
Bluetooth: Audio with GSM Gateway, Class II
Compatibility: APPI-Com (> V3.4) / APPI-Smart
Beeper/pager: yes
Man-down alert: yes plus relay through smartphone (APPI-Smart)
Noise attenuation (average): 30.77dB
DSP noise filters: White noise: -12dB / SingleTone: -30dB / Siren: -20dB
Battery life: 24h to 30h / Charge : USB (Up to 8h)
Battery : Li-ion -3.6V / 16.92 Wh
Dimensions (helmet mounted) : 200x180x110mm (8.66x7.08x4.33")
Weight : Without IsoSkin : 450g / 15.87 Oz / With IsoSkin : 575g / 20.28 Oz
Operating temperature (Celcius) : -20°C /+50°C
Charging temperature : Below 45°C

Attenuation values per frequency band

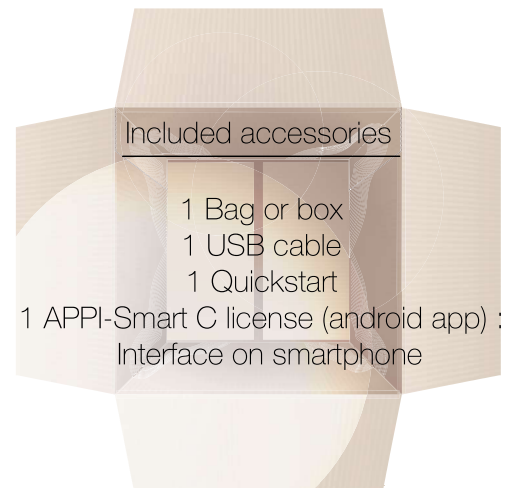
Attenuation VS frequency	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	8000Hz	Mean Attenuation
Without Isoskin	6.49	10.74	24.37	31.19	26.38	34.08	38.28	27.02 dB
With Isoskin	10.70	15.73	26.60	32.88	30.13	38.08	46.56	30.77 dB

Product range

Zone	Prefix	Headband / Helmet	IsoSkin color	Antenna
CE	BS-ACO-	HB/HL	BK/GR/KY/BL/YE/RD/OR	01/02/03
USA / CA	BS-ACOU-	HB/HL	BK/GR/KY/BL/YE/RD/OR	01US/02US/03



Please make sure that ordered product complies with your country radio regulation



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