

HeadsetsOrbit

→ Chose your wearing style, Orbit adapts to your needs



Light headband

This compact headband gives Orbit a low profile graceful design.

Anatomically shaped Ear Loop

Orbit is supplied with both a headband and a comfortable ear loop. It is particularly appreciated by users looking for a particularly lightweight solution.

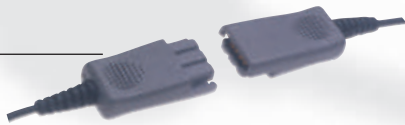


Ball socket attachment

Ensures optimal weight distribution, and simplifies transition from headband style to ear loop wearing.

Ultra Noise Cancelling microphone

The Ultra Noise Cancelling microphone eliminates up to 95% of the background noise, thus ensuring a clear and intelligible speech transmission.



Quick Link connector

As in all Altesys headsets, Orbit is equipped with a special connector for easy attachment and release. The Quick Link special design prevents accidental release and ensures long-term reliability. Self-cleaning contacts ensure perfect sound transmission.

Line busy indicator

Headsets equipped with the Line busy indicator warn that the user is busy in a telephone conversation. The line busy indicator can be disabled by the user. The LED is covered by a special lens designed to optimise light diffusion.

Flexible microphone boom

Thanks to its 270° rotation and extreme flexibility the boom may always be set to the optimal position (approximately 2 cm from the corner of the mouth).

↓	LEGEND
	Monaural
	Binaural
	Ear Loop
	Professional
	Noise Cancelling
	Line busy indicator
	Voice Guide
	Quick Link

01500-1095-00

Orbit Noise Cancelling



Extremely light and comfortable
Dual wearing style with headband or ear loop
To be used in conjunction with Studio series amplifier/adaptors
Ultra Noise Cancelling microphone (eliminates up to 95% of the background noise)
Isolating ear cushion
Quick Link connector
Flexible microphone boom for optimal positioning

The Orbit Noise Cancelling headset is recommended for those who work in moderately noisy environments, typically in office situations.

01500-1100-00

Orbit Voice Guide



Extremely light and comfortable
Dual wearing style with headband or ear loop
To be used in conjunction with Studio series amplifier/adaptors
Fitted with flexible transparent Voice Guide boom for optimal positioning
Isolating ear cushion
Quick Link connector

The Orbit Voice Guide headset is recommended for those who work in quiet environments.

01500-1120-00

Orbit Noise Cancelling with Line busy indicator



Extremely light and comfortable
Dual wearing style with headband or ear loop
To be used in conjunction with Studio series amplifier/adaptors
Ultra Noise Cancelling microphone (eliminates up to 95% of the background noise)
Isolating ear cushion
Quick Link connector
Flexible microphone boom for optimal positioning
Line busy indicator for visual indication of a call in progress

The Orbit Noise Cancelling headset is recommended for those who work in moderately noisy environments, typically in office situations.

PRODUCT DATA SHEET



PRODUCT LINE: TOP LINE PRO
MODEL: ORBIT VOICE GUIDE
PART NUMBER: 01500-1100-00

FEATURES

- Speaker type: Dynamic moving coil
- Microphone: Electret
- Wearing style: Adjustable headband or Rubber ear loop
- Connection type: Quick-Link
- Wearable on right or left ear: Voice Guide Long
- Boom style: Voice Guide Long

ELECTROACOUSTICAL SPECIFICATIONS

RECEIVING

- Diameter \varnothing : 23 mm
 - Rated Frequency Range: 200 ÷ 4000 Hz
 - Nominal DC Impedance: 150 Ω typical
 - Nominal Impedance @ 1 kHz: 220 Ω typical
 - Sealed Sensitivity @ 1kHz¹: 22.4 \pm 2 dBPa/V
 - Sensitivity with Leakage @ 1kHz²: -4 \pm 2 dBPa/V
 - Relative (to 1kHz) Frequency Response³: < 1%
 - THD @ 1kHz: < 5%
 - Max in-band Distortion: < 5%
 - Sealed acoustic pressure limit @ 1kHz: 114 \pm 3 dB SPL
- ¹ measured according to IEC – 318 Standard Audio Test
² measured according to Altesys subjective RX Audio Standard Test (H&TS, matched R_s)

TRANSMITTING

- Rated Frequency Range: 200 ÷ 4000 Hz
 - Directivity: Omni Directional
 - Sensitivity @ 1kHz⁴: -31.6 \pm 3 dBV/Pa
- ⁴ measured according to Altesys subjective TX Audio Standard Test

MECHANICAL SPECIFICATIONS

- Weight with headband (excluding cable): 32 g
- Cord length: 0.8 m, straight
- Connector Quick-Link 4 - poles
 - Insertion cycles: 10.000 minimum
 - Contacts: Copper-beryllium gold plated (12 μ m)
 - Housing: Ultrasonically sealed ABS
- Operating Temperature: 0 ÷ 50 °C
- Storage Temperature: -25 ÷ 60 °C

COMPLIANCES

- CE (EMC) and ITU-T Acoustic Safety Recommendations

³ Frequency Response
Relative to 1Khz

