

PRODUCT DATA SHEET



PRODUCT LINE: TOP LINE PRO
MODEL: OPERA LIGHT BINAURAL NOISE CANCELLING
PART NUMBER: 01500-1082-00 (WITHOUT LINE BUSY LED INDICATOR)
 01500-1084-00 (WITH LINE BUSY LED INDICATOR)

FEATURES

- Speaker type: Dynamic moving coil
- Microphone: Electret Noise Cancelling
- Wearing style: Adjustable headband
- Connection type: Quick-Link
- Wearable on right or left ear
- Line Busy Orange LED indicator (only for P/N 01500-1084-00)
- Boom style: Flex/Goose-neck

ELECTROACOUSTICAL SPECIFICATIONS

RECEIVING

- Diameter \varnothing : 28 mm
 - Rated Frequency Range: 200 ÷ 4.000 Hz
 - Nominal DC Impedance (Only for P/N 01500-1082-00): 150 Ω
 - Nominal Impedance @ 1 kHz: 220 Ω
 - Sealed Sensitivity @ 1kHz¹: 24.9 ± 2 dBPa/V
 - Sensitivity with Leakage @ 1kHz²: 9.2 ± 2 dBPa/V
 - Relative (to 1kHz) Frequency Response³
 - THD @ 1kHz: < 1%
 - Max in-band Distortion: < 5%
 - Sealed acoustic pressure limit @ 1kHz: 114 ± 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 ÷ 4.000 Hz
 - Directivity: Noise Cancelling
 - Noise Cancellation (below 1kHz, far field): 6 dB/octave
 - Sensitivity @ 1kHz⁴: -12.6 ± 3 dBV/Pa
- ⁴ measured according to Altesys subjective TX Audio Standard Test

MECHANICAL SPECIFICATIONS

- Weight (excluding cable): 80 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

